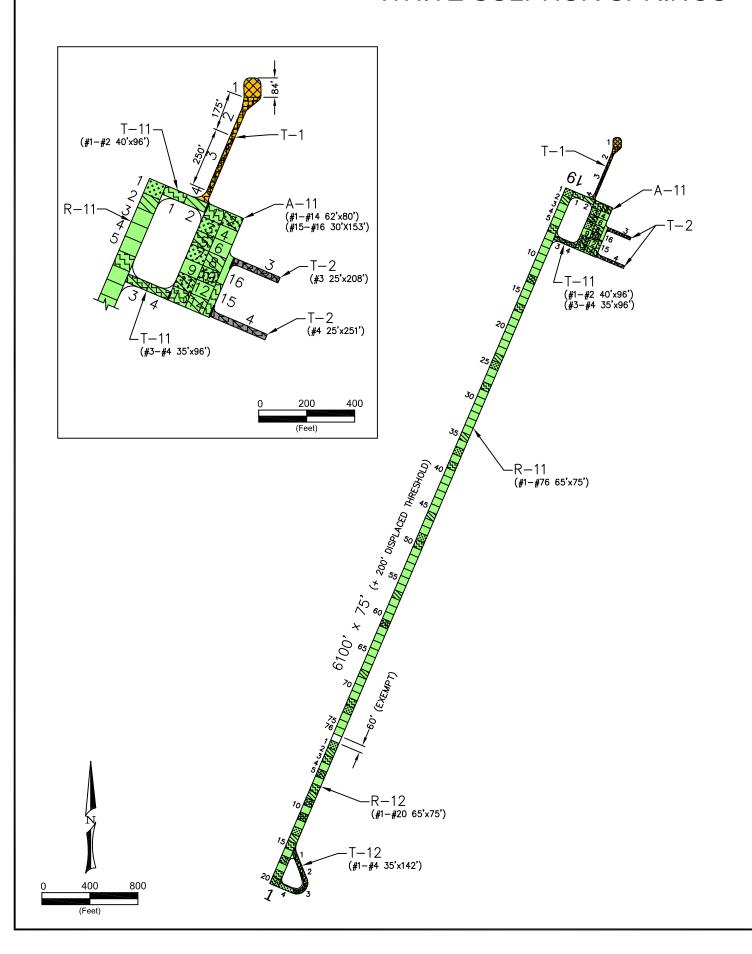
WHITE SULPHUR SPRINGS



PAVEMENT STRENGTH SURVEY/PAVEMENT CONDITION SURVEY

		SUB					PAVEMENT STRENGTH				
PAVE. IDENT.	SOIL CLASS	GRADE	SUBBASE COURSE	BASE COURSE	SURFACE Course	OVERLAY	MAX. G	ROSS LO	AD (LBS)	REMARKS	
		CLASS					SINGLE	DUAL	DUAL TAN.		
					RUNWAYS						
R-11		CBR=3.0		NEW 3"P-208 OVER 2.5" ASPH.+5"P-208	3.5" P-403	P-608	16,500			1,2,3,4,5,6,7	
R-12		CBR=3.0		5" P-208	4" P-401	3" P-403,P-608	16,500			2,3,4,5,6,7	
					TAXIWAYS						
T-1		CBR=3.0		8" P-208	P-609	1" P-402,P-608	12,500			1,2,3,4,7	
T-2		CBR=3.0		4" P-208	3" P-401	1" P-402,P-608	12,500			2,3,4,7	
T-11		CBR=3.0	P-152	10" P-208	3.5" P-401	P-608	16,500			6,7	
T-12		CBR=3.0	P-152	5" P-208	2" P-403	P-608	16,500			2,3,4,5,7	
					APRONS						
A-11		CBR=3.0		10" P-208	3.5" P-401	P-608	16,500			6,7	

- 1. ADAP-01, 1979
- 2. AIP-001-1992, RUNWAY EXTENSION AND OVERLAY ALL PAVEMENTS.
- 3. AIP-002-2003, RUNWAY PAVEMENT MAINTENANCE.
- 4. AIP-003-2005, RUNWAY PAVEMENT MAINTENANCE (CRACK SEAL).
- 5. ARRA-005-2009, REHABILITATE RUNWAY 1/19
- 6. AIP-006-2009, WIDEN RUNWAY 7.5' EA. SIDE (10" P-208, 3.5" P-403); MILL AND PAVE (3" P-403) EXISTING 60' RUNWAY; RECONSTRUCT APRON (A-11) AND CONNECTOR TAXIWAYS (T-11); OVERLAY AND WIDEN TURNAROUND (T-12).
 7. AIP-009-2015, CRACK SEAL, SEAL COAT, AND REMARK ALL PAVEMENTS [INSPECTED AFTER MAINTENANCE PROJECT].

LEGE	ND 2006 SURVEY AREA	DATE OF PAVEMENT STRENGTH SURVEY:	JULY 1, 2010		NTANA AVIATIOI JPDATE - PAVEMENT	N SYSTEM PLAN CONDITION INDEXES
	2009 SURVEY AREA	EVALUATED BY:	G. GATES	WHITE	SULPHUR SP	RINGS AIRPORT
	2012 SURVEY AREA				(756))
	2015 SURVEY AREA	DATE OF MOST RECENT PAVEMENT	OCT. 16, 2018	Date:	Prepared For:	Prepared By:
	2018 SURVEY AREA	CONDITION SURVEY:	001. 10, 2010		MONTANA	_
	MAINTAIN: PCI > 60	EVALUATED BY:	N. SCHROHT	DECEMBER 2018	MDT	
	TRANSITION: PCI 45 TO 60 RECONSTRUCT: PCI < 45	LOCATION:	WHITE SULPHUR SPRINGS, MT	2018	DEPARTMENT OF TRA	NSPORTATION

October 16, 2018



A-11, Overview



A-11, Bleeding



R-11, Overview



R-11, Surface Cracks



R-12, Overview



R-12, Patch-Cleanout



T-1, Overview



T-2, Overview



T-1, Crack Sealed



T-2, Patch

		HUR SPRINGS AIRPORT	Branch:	23A	APRON	Б 0	A-11
Length: From:	437 LF T-2	Width: 190 LF Area: 78,951 S To: T-11	SF La	st Const: 2010	1	Family: Surface:	ACAN AC
		Inspection	ons				
Samples S	Surveyed:	5 Total Samples: 16	Last Inspect	ion Date: 10/1	6/2018	PCI:	90
Sample #	1				Area:	4,960 \$	SF
oumpre	-	Distress Description	Severity	Quantity	121000	.,,,,,,,,,	
		WEATHERING	L	4960 SF			
		RAVELING	Н	1 SF			
Sample #	5				Area:	4,960 \$	SF
Sumpre "		Distress Description	Severity	Quantity	111000	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,-
		WEATHERING	L	4960 SF			
Sample #	10				Area:	4,960 \$	SF.
Sumple "	10	Distress Description	Severity	Quantity	i i cu.	1,700 E	,,
		WEATHERING	L	4960 SF			
		PATCHING	L	11.25 SF			
		BLEEDING	NA	1 SF			
Sample #	13				Area:	4,960 \$	SF
•		Distress Description	Severity	Quantity			
		LONGITUDINAL/TRANSVERSE CRACKING	L	50 LF			
		RAVELING	Н	2 SF			
		WEATHERING	L	4960 SF			
Sample #	15				Area:	4,960 \$	SF
•		Distress Description	Severity	Quantity		,	
		WEATHERING	L	4960 SF			
		PATCHING	L	4.7 SF			
		Extrapolated Distres	ss Quantities*				
·		Distress Description	Severity	Quantity	Density	·	Deduc
		BLEEDING	N/A	3 SF	0.00%		0.00
		LONGITUDINAL/TRANSVERSE CRACKING	LOW	159 LF	0.20%		3.12
		PATCHING	LOW	51 SF	0.06%		2.00
		RAVELING	HIGH	10 SF	0.01%		6.00
		WEATHERING	LOW	78,951 SF	100.00%		5.96
* Multiple	deduct values are	scaled down from their algebraic sum to keep the model consist	stent with experimental	data.			
		Percent of Deduct Values Based	d on Distress Mecha	nism			
		0.0 % Load 100.0 9	% Climate/Durabili	tv	·	0.0	% Other

0.0 % Load 100.0 % Climate/Durability

2012 Update Montana Aviation System Plan Inspection Report Summary

Sample Surveyed:	Length:	4,900 LF	Width: 75 LF Area: 367,500 SF To: R-12	Branch:	23R 1	RUNWAY	Family:	
Sample # 6 Distress Description Severity Quantity WEATHERING L 4.875 SF LONGITUDINAL/TRANSVERSE CRACKING M 9 LF	From:	1-11					Surface:	A
Distress Description Severity Quantity	Samples S	urveyed:	7 Total Samples: 76	Last Inspect	ion Date: 10/16	/2018	PCI:	80
Distress Description Severity Quantity	Sample #	6				Area:	4.875	SF
RAVELING	ур.с	v	WEATHERING	L	4,875 SF	122 411	,,070	
LONGITUDINAL/TRANSVERSE CRACKING L 4 5F								
PATCHING								
Distress Description Severity Quantity LONGITUDINAL/TRANSVERSE CRACKING L 135 LF				L	4 SF			
LONGITUDINAL/TRANSVERSE CRACKING L 135 LF	Sample #	17				Area:	4,875	SF
Sample # 28			Distress Description	Severity	Quantity			
Sample # 28			LONGITUDINAL/TRANSVERSE CRACKING	L	135 LF			
Distress Description Severity Quantity LONGITUDINAL/TRANSVERSE CRACKING L 155 LF LF LF LF LF LF LF LF			WEATHERING	L	4,875 SF			
LONGITUDINAL/TRANSVERSE CRACKING BOSTONIAL TRANSVERSE CRACKING CAPTER TO THE MEATHERING LONGITUDINAL/TRANSVERSE CRACKING CONGITUDINAL/TRANSVERSE CRACKING CONGITUDINAL/TRAN	Sample #	28				Area:	4,875	SF
Sample # 39 Complete Sample # 39			-	•				
Area								
Distress Description WEATHERING L 4,875 SF LONGITUDINAL/TRANSVERSE CRACKING L 179 LF SWELL LONGITUDINAL/TRANSVERSE CRACKING L 30 SF LONGITUDINAL/TRANSVERSE CRACKING M 2 LF Area: 4,875 SF Distress Description Severity WEATHERING LONGITUDINAL/TRANSVERSE CRACKING L 214 LF WEATHERING LONGITUDINAL/TRANSVERSE CRACKING L 4,875 SF Distress Description Severity Quantity LONGITUDINAL/TRANSVERSE CRACKING L 182 LF WEATHERING LONGITUDINAL/TRANSVERSE CRACKING L 182 LF WEATHERING LONGITUDINAL/TRANSVERSE CRACKING L 182 LF WEATHERING L 4,875 SF Distress Description Severity WEATHERING LONGITUDINAL/TRANSVERSE CRACKING L 188 LF Distress Description Severity Quantity WEATHERING LONGITUDINAL/TRANSVERSE CRACKING L 188 LF Distress Description Severity WEATHERING LONGITUDINAL/TRANSVERSE CRACKING LOW 14,151 LF 3,85% LONGITUDINAL/TRANSVERSE CRACKING LOW 14,151 LF 3,85% LONGITUDINAL/TRANSVERSE CRACKING LOW 43 SF 0,00% RAVELING RA			WEATHERING	L	4,8/5 SF			
WEATHERING L 4,875 SF LONGITUDINAL/TRANSVERSE CRACKING L 179 LF SWELL L 130 SF LONGITUDINAL/TRANSVERSE CRACKING M 2 LF Sample # 50 Distress Description Severity Quantity LONGITUDINAL/TRANSVERSE CRACKING L 214 LF WEATHERING L 4,875 SF LONGITUDINAL/TRANSVERSE CRACKING M 7 LF Distress Description Severity Quantity LONGITUDINAL/TRANSVERSE CRACKING L 4,875 SF Distress Description LONGITUDINAL/TRANSVERSE CRACKING L 182 LF WEATHERING L 4,875 SF Distress Description Severity Quantity WEATHERING L 4,875 SF LONGITUDINAL/TRANSVERSE CRACKING L 182 LF WEATHERING L 4,875 SF Distress Description Severity Quantity WEATHERING L 4,875 SF LONGITUDINAL/TRANSVERSE CRACKING L 188 LF Distress Description Severity Quantity WEATHERING L 4,875 SF LONGITUDINAL/TRANSVERSE CRACKING L 188 LF Distress Description Severity Quantity WEATHERING L 4,875 SF LONGITUDINAL/TRANSVERSE CRACKING LOW 14,151 LF 3,85% LONGITUDINAL/TRANSVERSE CRACKING MEDIUM 194 LF DOSTOR PATCHING RAVELING MEDIUM 194 LF DOSTOR RAVELING MEDIUM 194 LF RAV	Sample #	39	Dia Dia di	g .4	0 "	Area:	4,875	SF
LONGITUDINAL/TRANSVERSE CRACKING SWELL LONGITUDINAL/TRANSVERSE CRACKING L 30 SF LONGITUDINAL/TRANSVERSE CRACKING M 2 LF Area: 4,875 SF Distress Description LONGITUDINAL/TRANSVERSE CRACKING L WEATHERING LONGITUDINAL/TRANSVERSE CRACKING L Distress Description Severity WEATHERING L L Marea: 4,875 SF Area: 4,875 SF Distress Description Severity WEATHERING L L Marea: 4,875 SF Distress Description Severity WEATHERING L MEATHERING L			-	•				
SWELL LONGITUDINAL/TRANSVERSE CRACKING M 2 LF Sample # 50 Distress Description Severity Quantity LONGITUDINAL/TRANSVERSE CRACKING L 214 LF WEATHERING L 4,875 SF LONGITUDINAL/TRANSVERSE CRACKING M 7 LF Sample # 61 Distress Description Severity Quantity LONGITUDINAL/TRANSVERSE CRACKING L 182 LF WEATHERING L 4,875 SF Distress Description Severity Quantity LONGITUDINAL/TRANSVERSE CRACKING L 182 LF WEATHERING L 4,875 SF Distress Description Severity Quantity WEATHERING L 4,875 SF LONGITUDINAL/TRANSVERSE CRACKING L 188 LF Extrapolated Distress Quantities* Extrapolated Distress Quantities* Distress Description Severity Quantity WEATHERING L 4,875 SF LONGITUDINAL/TRANSVERSE CRACKING LOW 14,151 LF 3,85% LONGITUDINAL/TRANSVERSE CRACKING LOW 14,151 LF 3,85% LONGITUDINAL/TRANSVERSE CRACKING LOW 14,151 LF 3,85% LONGITUDINAL/TRANSVERSE CRACKING LOW 43 SF 0,01% RAVELING HIGH 22 SF 0,01% RAVELING HIGH 22 SF 0,01% WEATHERING LOW 323 SF 0,00% WEATHERING LOW 367,500 SF 100,00% WEATHERING LOW 367,500 SF 100,00% WEATHERING LOW 367,500 SF 100,00%					*			
Sample # 50 Distress Description LONGITUDINAL/TRANSVERSE CRACKING LOW 14,151 LF 3.85% LONGITUDINAL/TRANSVERSE CRACKING LOW 14,151 LF 3.85% LONGITUDINAL/TRANSVERSE CRACKING LOW 14,151 LF 3.85% LONGITUDINAL/TRANSVERSE CRACKING LOW 43 SF 0.01% RAVELING R								
Distress Description LONGITUDINAL/TRANSVERSE CRACKING L 214 LF WEATHERING L 4,875 SF LONGITUDINAL/TRANSVERSE CRACKING Distress Description LONGITUDINAL/TRANSVERSE CRACKING Distress Description LONGITUDINAL/TRANSVERSE CRACKING L 182 LF WEATHERING L 4,875 SF Distress Description Severity WEATHERING L 4,875 SF Distress Description WEATHERING L 1,875 SF LONGITUDINAL/TRANSVERSE CRACKING L 1,88 LF Distress Description WEATHERING L 1,875 SF LONGITUDINAL/TRANSVERSE CRACKING L 1,88 LF Distress Description Severity WEATHERING LONGITUDINAL/TRANSVERSE CRACKING LOW 14,151 LF 3,85% LOW 14,151 LF 4,875 SF LOW 14,			LONGITUDINAL/TRANSVERSE CRACKING	M	2 LF			
LONGITUDINAL/TRANSVERSE CRACKING L 4,875 SF LONGITUDINAL/TRANSVERSE CRACKING M 7 LF Sample # 61 Distress Description LONGITUDINAL/TRANSVERSE CRACKING L 4,875 SF WEATHERING LONGITUDINAL/TRANSVERSE CRACKING L 4,875 SF WEATHERING LONGITUDINAL/TRANSVERSE CRACKING L 4,875 SF WEATHERING LONGITUDINAL/TRANSVERSE CRACKING L 4,875 SF LONGITUDINAL/TRANSVERSE CRACKING L 4,875 SF LONGITUDINAL/TRANSVERSE CRACKING L 4,875 SF LONGITUDINAL/TRANSVERSE CRACKING L 188 LF Extrapolated Distress Quantities* Extrapolated Distress Quantities* Distress Description Severity Quantity WEATHERING L 4,875 SF LONGITUDINAL/TRANSVERSE CRACKING LOW 14,151 LF 3.85% LONGITUDINAL/TRANSVERSE CRACKING MEDIUM 194 LF 0,05% PATCHING LOW 43 SF 0,019% PATCHING LOW 43 SF 0,019% SWELL LOW 323 SF 0,019% WEATHERING LOW 367,500 SF 100,00% WEATHERING LOW 367,500 SF 100,00% WEATHERING LOW 367,500 SF 100,00%	Sample #	50				Area:	4,875	SF
WEATHERING L 4,875 SF LONGITUDINAL/TRANSVERSE CRACKING M 7 LF Sample # 61 Distress Description Severity Quantity LONGITUDINAL/TRANSVERSE CRACKING L 182 LF WEATHERING L 4,875 SF Distress Description Severity Quantity WEATHERING L 4,875 SF LONGITUDINAL/TRANSVERSE CRACKING L 188 LF Distress Description Severity Quantity WEATHERING L 4,875 SF LONGITUDINAL/TRANSVERSE CRACKING L 188 LF Extrapolated Distress Quantities* Extrapolated Distress Quantities* Distress Description Severity Quantity LONGITUDINAL/TRANSVERSE CRACKING LOW 14,151 LF 3,85% LONGITUDINAL/TRANSVERSE CRACKING MEDIUM 194 LF 0,05% PATCHING LOW 43 SF 0,01% RAVELING HIGH 22 SF 0,01% SWELL LOW 367,500 SF 0,09% WEATHERING LOW 367,500 SF 100.00%			-	•				
Area: 4,875 SF Distress Description LONGITUDINAL/TRANSVERSE CRACKING LONGITUDINAL/TRANSVERSE CRACKING LONGITUDINAL/TRANSVERSE CRACKING LURATHERING LU								
Sample # 61 Distress Description LONGITUDINAL/TRANSVERSE CRACKING WEATHERING Distress Description WEATHERING Distress Description WEATHERING Distress Description WEATHERING L L L L L L L L L L L L L					<i>'</i>			
Distress Description LONGITUDINAL/TRANSVERSE CRACKING LUREATHERING Distress Description Severity WEATHERING Distress Description WEATHERING LUREATHERING LONGITUDINAL/TRANSVERSE CRACKING LORGITUDINAL/TRANSVERSE CRACKING LORGITUDINAL/TRA			LONGITUDINAL/TRANSVERSE CRACKING	M	7 LF			
LONGITUDINAL/TRANSVERSE CRACKING WEATHERING L 4,875 SF Sample # 72 Distress Description WEATHERING L 4,875 SF LONGITUDINAL/TRANSVERSE CRACKING L 188 LF Extrapolated Distress Quantities* Distress Description Severity Quantity WEATHERING L 188 LF Distress Description Severity Quantity LONGITUDINAL/TRANSVERSE CRACKING LOW 14,151 LF 3.85% LONGITUDINAL/TRANSVERSE CRACKING LOW 14,151 LF 0.05% PATCHING LOW 43 SF 0.01% RAVELING HIGH 22 SF 0.01% SWELL LOW 323 SF 0.09% WEATHERING LOW 323 SF 0.09% WEATHERING LOW 367,500 SF 100.00%	Sample #	61	Distance Description	Conomitor	Overtites	Area:	4,875	SF
Sample # 72 Sample # 72 Distress Description WEATHERING L			•	•				
Distress Description WEATHERING L 4,875 SF LONGITUDINAL/TRANSVERSE CRACKING L 188 LF Extrapolated Distress Quantities* Distress Description Severity Quantity Density Density LONGITUDINAL/TRANSVERSE CRACKING LOW LONGITUDINAL/TRANSVERSE CRACKING LOW LONGITUDINAL/TRANSVERSE CRACKING MEDIUM LOW LOW PATCHING LOW A3 SF D.01% RAVELING HIGH LOW SWELL LOW SWELL LOW WEATHERING WEATHERING LOW WEATHERING W								
Distress Description WEATHERING L 4,875 SF LONGITUDINAL/TRANSVERSE CRACKING L 188 LF Extrapolated Distress Quantities* Distress Description Severity Quantity Density Density LONGITUDINAL/TRANSVERSE CRACKING LOW LONGITUDINAL/TRANSVERSE CRACKING LOW LONGITUDINAL/TRANSVERSE CRACKING MEDIUM LOW LOW PATCHING LOW A3 SF D.01% RAVELING HIGH LOW SWELL LOW SWELL LOW WEATHERING WEATHERING LOW WEATHERING W	Sample #	72				Area:	4,875	SF
Extrapolated Distress Quantities* Distress Description Severity Quantity Density Description LONGITUDINAL/TRANSVERSE CRACKING LOW 14,151 LF 3.85% LONGITUDINAL/TRANSVERSE CRACKING MEDIUM 194 LF 0.05% PATCHING LOW 43 SF 0.01% RAVELING HIGH 22 SF 0.01% SWELL LOW 323 SF 0.09% WEATHERING LOW 367,500 SF 100.00%	-		Distress Description	Severity	Quantity			
Extrapolated Distress Quantities* Distress Description Severity Quantity Density Description LONGITUDINAL/TRANSVERSE CRACKING LOW 14,151 LF 3.85% LONGITUDINAL/TRANSVERSE CRACKING MEDIUM 194 LF 0.05% PATCHING LOW 43 SF 0.01% RAVELING HIGH 22 SF 0.01% SWELL LOW 323 SF 0.09% WEATHERING LOW 367,500 SF 100.00% *Multiple deduct values are scaled down from their algebraic sum to keep the model consistent with experimental data.								
Distress Description LONGITUDINAL/TRANSVERSE CRACKING LOW 14,151 LF 3.85% LONGITUDINAL/TRANSVERSE CRACKING MEDIUM 194 LF 0.05% PATCHING LOW 43 SF 0.01% RAVELING HIGH 22 SF 0.01% SWELL LOW 323 SF 0.09% WEATHERING LOW 367,500 SF 100.00% Multiple deduct values are scaled down from their algebraic sum to keep the model consistent with experimental data.			LONGITUDINAL/TRANSVERSE CRACKING	L	188 LF			
LONGITUDINAL/TRANSVERSE CRACKING LOW 14,151 LF 3.85% LONGITUDINAL/TRANSVERSE CRACKING MEDIUM 194 LF 0.05% PATCHING LOW 43 SF 0.01% RAVELING HIGH 22 SF 0.01% SWELL LOW 323 SF 0.09% WEATHERING LOW 367,500 SF 100.00% Multiple deduct values are scaled down from their algebraic sum to keep the model consistent with experimental data.			<u> </u>		Quantity	Dane!+-		Dedu
LONGITUDINAL/TRANSVERSE CRACKING MEDIUM 194 LF 0.05% PATCHING LOW 43 SF 0.01% RAVELING HIGH 22 SF 0.01% SWELL LOW 323 SF 0.09% WEATHERING LOW 367,500 SF 100.00% Multiple deduct values are scaled down from their algebraic sum to keep the model consistent with experimental data.				•				12.1
PATCHING RAVELING HIGH 22 SF 0.01% SWELL LOW 323 SF 0.09% WEATHERING LOW 367,500 SF 100.00% Multiple deduct values are scaled down from their algebraic sum to keep the model consistent with experimental data.								4.0
SWELL LOW 323 SF 0.09% WEATHERING LOW 367,500 SF 100.00% Multiple deduct values are scaled down from their algebraic sum to keep the model consistent with experimental data.								2.0
WEATHERING LOW 367,500 SF 100.00% Multiple deduct values are scaled down from their algebraic sum to keep the model consistent with experimental data.								6.0
Multiple deduct values are scaled down from their algebraic sum to keep the model consistent with experimental data.								1.0
	(Moldel-1- 1	laduat valv				100.00%		5.9
Percent of Deduct Values Based on Distress Mechanism	winnipie 0	dictive values are		-				

		HUR SPRINGS AIRPORT	Branch:		RUNWAY		R-12
Length: From:	1,400 LF R-11	Width: 75 LF Area: 105,000 SF To: T-12	La	st Const: 2009	9	Family: Surface:	ACRMI AC
10111		Inspections				Burracer	
Samples S	Surveyed:	6 Total Samples: 20	Last Inspect	ion Date: 10/2	16/2018	PCI:	79
Sample #	3				Area:	4,875 \$	SF.
ampic π	3	Distress Description	Severity	Quantity	Aica.	4,075)1
		LONGITUDINAL/TRANSVERSE CRACKING	L	265 LF			
		WEATHERING	L	4,875 SF			
omnlo#	7				A woo.	1 075 0	NE.
ample #	/	Distress Description	Severity	Quantity	Area:	4,875 \$	ьг
		DEPRESSION	L	1 SF			
		PATCHING	L	8 SF			
		WEATHERING	L	4,875 SF			
			L	208 LF			
		LONGITUDINAL/TRANSVERSE CRACKING	L	208 LF			
Sample #	9				Area:	4,875 \$	SF
		Distress Description	Severity	Quantity			
		PATCHING	L	0 SF			
		WEATHERING	L	4,875 SF			
		LONGITUDINAL/TRANSVERSE CRACKING	L	253 LF			
Sample #	11				Area:	4,875 S	SF
		Distress Description	Severity	Quantity			
		LONGITUDINAL/TRANSVERSE CRACKING	L	200 LF			
		WEATHERING	L	4,875 SF			
Sample #	15				Area:	4,875 S	SF.
ampic "	10	Distress Description	Severity	Quantity	Allea.	4,075 1	,1
		DEPRESSION	Н	1 SF			
		WEATHERING	L	4,875 SF			
		PATCHING	L	4,873 SF			
		LONGITUDINAL/TRANSVERSE CRACKING	L	306 LF			
.	10					4.075.6	
sample #	19	Distress Description	Covanit-	Quantit	Area:	4,875 S	or'
		LONGITUDINAL/TRANSVERSE CRACKING	Severity	Quantity			
		WEATHERING	L L	155 LF 4,875 SF			
		Extrapolated Distress	Ouantities*				
		Distress Description	Severity	Quantity	Density		Deduc
		DEPRESSION	HIGH	4 SF	0.00%		12.00
		DEPRESSION	LOW	4 SF	0.00%		0.30
		LONGITUDINAL/TRANSVERSE CRACKING	LOW	4,979 LF	4.74%		14.2
		PATCHING	LOW	45 SF	0.04%		2.00
		WEATHERING	LOW	105,000 SF	100.00%		5.90
Multiple o	deduct values are	scaled down from their algebraic sum to keep the model consister	•				
		Percent of Deduct Values Based o	n Distress Mecha	nism			

WHIT	TE SULPH	IUR SPRING	S AIRPO	RT	Branch:	23T	TAXIWAY		T-1
Length:	590 LF	Width: 39 LF		23,364 SF	Las	st Const: 1992	2	•	ACRMU
From:	TAXIWAYS A	T NORTH END	To:					Surface:	ST
				Inspections					
Samples S	Surveyed:	3	Total Samples	: 4	Last Inspecti	on Date: 10/	16/2018	PCI:	58
Sample #	2						Area:	5,000	SF
		Distress Description			Severity	Quantity			
		BLEEDING			NA	28 SF			
		LONGITUDINAL/T	RANSVERSE C	RACKING	M	1 LF			
		WEATHERING			M	5,000 SF			
		LONGITUDINAL/T	RANSVERSE C	RACKING	L	241 LF			
		RAVELING			L	5,000 SF			
Sample #	3						Area:	5,000	SF
Sumple "	· ·	Distress Description			Severity	Quantity	711 cu.	5,000	51
		RAVELING			L	5,000 SF			
		BLEEDING			NA	2 SF			
		WEATHERING			M	5.000 SF			
		LONGITUDINAL/T	RANSVERSE C	RACKING	L	80 LF			
G 1 "								5,000	GE.
Sample #	4	Dia Dia			g '4	0 "	Area:	5,000	SF
		Distress Description			Severity	Quantity			
		BLEEDING			NA	28 SF			
		LONGITUDINAL/T	RANSVERSE C	RACKING	M	1 LF			
		WEATHERING			M	5,000 SF			
		LONGITUDINAL/T	RANSVERSE C	RACKING	L	241 LF			
		RAVELING			L	5,000 SF			
				olated Distress Q	uantities*				
		Distress Description			Severity	Quantity	Density		Deduct
		BLEEDING			N/A	47 SF	0.20%		1.13
		DEPRESSION			LOW	16 SF	0.07%		0.30
		LONGITUDINAL/T			LOW	598 LF	2.56%		8.90
		LONGITUDINAL/T	RANSVERSE C	RACKING	MEDIUM	34 LF	0.15%		4.34
		PATCHING			LOW	125 SF	0.53%		2.53
		RAVELING			LOW	23,364 SF	100.00%		26.35
		WEATHERING			MEDIUM	23,364 SF	100.00%		20.34
* Multiple of	leduct values are sc	aled down from their algeb							
			ercent of Deduct	Values Based on					
		0.0 % Load		98.0 % C	limate/Durabili	ity		2.0	% Other

WHIT	TE SULP	HUR SPR	INGS	AIRPO	RT	Branch:	23T	TAXIWAY		T-2
Length:	1,231 LF	Width:	35 LF	Area:	38,495 SF	Las	st Const: 199	2	Family:	ACRMU
From:	SOUTH END	OF R/W 1-19		To:	TURNAROUND				Surface:	AC
					Inspections					
Samples S	Surveyed:	2	T	otal Samples	: 2	Last Inspecti	on Date: 10/	/16/2018	PCI:	68
Sample #	3							Area:	5,200 \$	SF
		Distress Des	cription			Severity	Quantity			
		PATCHING				L	125 SF			
		LONGITUD	INAL/TRA	NSVERSE C	RACKING	M	6 LF			
		LONGITUD	INAL/TRA	NSVERSE C	RACKING	L	134 LF			
		WEATHERI	NG			M	5,200 SF			
Sample #	4							Area:	6,275 \$	SF
•		Distress Des	cription			Severity	Quantity			
		LONGITUDI	INAL/TRA	NSVERSE C	RACKING	L	424 LF			
		PATCHING				L	125 SF			
		WEATHERI	NG			M	6,275 SF			
				Extra	oolated Distress Qu	antities*				
		Distress Des	cription			Severity	Quantity	Density	7	Deduct
		LONGITUD	INAL/TRA	NSVERSE C	RACKING	LOW	1,872 LF	4.86%)	14.47
		LONGITUD	INAL/TRA	NSVERSE C	RACKING	MEDIUM	20 LF	0.05%)	4.00
		PATCHING				LOW	839 SF	2.18%)	5.88
		WEATHERI	NG			MEDIUM	38,495 SF	100.00%)	20.34
* Multiple o	deduct values are	scaled down from the	heir algebraic	sum to keep t	he model consistent wi	th experimental d	ata.			
			Perc	ent of Deduc	t Values Based on I	Distress Mecha	nism			
•		0.0	% Load		100.0 % Cli	mate/Durabili	ty		0.0	% Other

WHIT	TE SULP	HUR SPRINGS AIRPORT	Branch:	23T	TAXIWAY	r	Г-11
Length:	384 LF	Width: 40 LF Area: 18,400	SF Las	st Const: 201	0	Family: A	CRMU
From:	A-11	To: R-11				Surface:	AC
		Inspecti	ions				
Samples S	urveyed:	3 Total Samples: 4	Last Inspecti	on Date: 10/	16/2018	PCI:	85
Sample #	1				Area:	3,840 SF	,
		Distress Description	Severity	Quantity			
		WEATHERING	L	3,840 SF			
		LONGITUDINAL/TRANSVERSE CRACKING	L	20 LF			
		PATCHING	L	0 SF			
Sample #	3				Area:	3,840 SF	,
Sumpre		Distress Description	Severity	Quantity	111041	5,5.5 51	
		LONGITUDINAL/TRANSVERSE CRACKING	L	53 LF			
		WEATHERING	L	3,840 SF			
		PATCHING	L	0 SF			
Sample #	4				Area:	3.840 SF	,
Sumpre	-	Distress Description	Severity	Quantity	111041	5,5.5 51	
		LONGITUDINAL/TRANSVERSE CRACKING	L	55 LF			
		WEATHERING	L	3,840 SF			
		RAVELING	H	18 SF			
		Extrapolated Distra	ess Quantities*				
		Distress Description	Severity	Quantity	Density		Deduct
		LONGITUDINAL/TRANSVERSE CRACKING	LOW	204 LF	1.11%		5.18
		PATCHING	LOW	1 SF	0.00%		2.00
		RAVELING	HIGH	29 SF	0.16%		7.49
		WEATHERING	LOW	18,400 SF	100.00%		5.96
* Multiple d	leduct values are	scaled down from their algebraic sum to keep the model consi	-				
_		Percent of Deduct Values Base					
		0.0 % Load 100.0	% Climate/Durabili	ty		0.0 %	Other

WHIT	TE SULP	HUR SPR	INGS A	AIRPOR	RT	Branch:	23T	TAXIWAY		T-12
Length: From:	654 LF R/W 1-19 TU	Width:	40 LF	Area: To:	26,915 SF R-12	Las	st Const: 201	0	Family: A	ACRMU AC
					Inspections					
Samples S	Surveyed:	3	To	tal Samples:	4	Last I	nspection 10/	16/2018	PCI:	91
Sample #	1							Area:	4,970 SI	7
		Distress Des	cription			Severity	Quantity			
		WEATHERI	NG			L	4,970 SF			
		LONGITUD	INAL/TRAN	ISVERSE CR	ACKING	L	26 LF			
Sample #	2							Area:	4,970 SI	7
		Distress Des	cription			Severity	Quantity			
		LONGITUD	INAL/TRAN	ISVERSE CR	ACKING	L	15 LF			
		WEATHERI	NG			L	4,970 SF			
Sample #	3							Area:	4,970 SI	7
		Distress Des	cription			Severity	Quantity			
		LONGITUD	INAL/TRAN	NSVERSE CR	ACKING	L	6 LF			
		WEATHERI	NG			L	4,970 SF			
				Extrap	olated Distress Qua	antities*				
		Distress Des	cription			Severity	Quantity	Density	•	Deduct
				NSVERSE CR	ACKING	LOW	85 LF	0.32%		3.66
		WEATHERI				LOW	26,915 SF	100.00%		5.96
* Multiple	deduct values are	scaled down from	their algebrai	c sum to keep th	ne model consistent wi	th experimental of	lata.			
			Perc	ent of Deduct	Values Based on D	istress Mechai	nism			
		0.0	% Load		100.0 % Clin	nate/Durability	7		0.0 %	Other

WHITE SULPHUR SPRINGS AIRPORT (23)

	EAR PROJECTIONS	INFORT (23)		FCT	IMATED AVERAGE	ΔΝΝΙΙΔΙ COST:		\$60,224
Plan Year:				LJI	Estimated Cost:	\$224,652	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-11	Preventive + Global MR	\$21	\$26,843	\$0	\$0	\$26,864	90	93
R-11	Preventive + Global MR	\$4,483	\$124,949	\$0 50		\$129,432	79	87
R-12 T-11	Preventive + Global MR Preventive + Global MR	\$1,696 \$99	\$35,700 \$6,256	\$0 \$0	\$0 \$0	\$37,396 \$6,355	78 85	86 90
T-11	Global MR	\$99 \$0	\$9,151	\$0 \$0		\$9,151	91	94
T-2	Preventive + Global MR	\$2,365	\$13,088	\$0	\$0	\$15,454	68	71
Plan Year:	. 2020				Estimated Cost:	\$4,701	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-11	None	\$0	\$0	\$0	\$0	\$ 0	92	92
R-11	Preventive	\$2,076	\$0 60	\$0 60		\$2,076	84	85
R-12 T-11	Preventive Preventive	\$702 \$32	\$0 \$0	\$0 \$0	\$0 \$0	\$702 \$32	83 88	83 88
T-12	None	\$0	\$0	\$0	\$0	\$0	93	93
T-2	Preventive	\$1,891	\$0	\$0	\$0	\$1,891	70	70
Plan Year:	: 2021				Estimated Cost:	\$5,979	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-11	None	\$0	\$ 0	Ş0	\$0	\$0	91	91
R-11 R-12	Preventive Preventive	\$2,878 \$020	\$0 \$0	\$0 \$0	\$0 50	\$2,878	82 81	82 81
K-12 T-11	Preventive	\$929 \$63	\$0 \$0	\$0 \$0	\$0 \$0	\$929 \$63	87	87
T-12	None	\$0 \$0	\$0 \$0	\$0		, \$0	92	92
T-2	Preventive	\$2,109	\$0	\$0	\$0	\$2,109	69	69
Plan Year:	: 2022				Estimated Cost:	\$7,610	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-11	Preventive	\$18	\$0	\$0	\$0	\$18	90	90
R-11	Preventive	\$3,687	\$0 60	\$0 60	\$0 60	\$3,687	80	80
R-12 T-11	Preventive Preventive	\$1,474 \$94	\$0 \$0	\$0 \$0		\$1,474 \$94	79 85	79 85
T-12	None	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	91	91
T-2	Preventive	\$2,336	\$0	\$0	\$0	\$2,336	68	68
Plan Year:					Estimated Cost:	\$12,067	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-11	Preventive	\$108 \$6,880	\$0 \$0	\$0 \$0	\$0 \$0	\$108 \$6,880	89 78	89
R-11 R-12	Preventive Preventive	\$0,880 \$2,381	\$0 \$0	\$0 \$0	\$0 \$0	\$0,880 \$2,381	76 77	78 77
T-11	Preventive	\$124	\$0	\$0	\$0	\$124	83	83
T-12	Preventive	\$11	\$0	Ş0		\$11	90	90
T-2	Preventive	\$2,564	\$0	\$0	\$0	\$2,564	67	67
Plan Year:		Local	Clohol	MajoraCrit	Estimated Cost:	\$232,537	PCI Before	
Section	Maintenance	Local	Global	Major <crit< td=""><td>Major>Crit</td><td>Total</td><td></td><td>After</td></crit<>	Major>Crit	Total		After
A-11	Preventive + Global MR	\$197	\$26,843	\$0 60	1 -	\$27,040	88	91
R-11 R-12	Preventive + Global MR Preventive + Global MR	\$10,082 \$3,284	\$124,949 \$35,700	\$0 \$0	\$0 \$0	\$135,031 \$38,984	76 75	83 82
T-11	Preventive + Global MR	\$155	\$6,256	\$0	\$ 0	\$6,411	82	87
T-12	Preventive + Global MR	\$40	\$9,151	\$0		\$9,191	89	92
T-2	Preventive + Global MR	\$2,791	\$13,088	\$ 0	\$0	\$15,879	66	69
Plan Year:		Land	Clahal	MajaudCuit	Estimated Cost:	\$7,136	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-11 R-11	Preventive Preventive	\$8 \$3,479	\$0 \$0	\$0 \$0	\$0 \$0	\$8 \$3,479	90 81	90 81
R-12	Preventive	\$1,252	\$0 \$0	\$0 \$0	\$0 \$0	\$1,252	80	80
T-11	Preventive	\$88	\$0	\$0	\$0	\$88	85	85
T-12	None	\$0 \$2.210	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$2.210	91	91
T-2	Preventive	\$2,310	Ş U	ŞU	\$0	\$2,310	68	68
Plan Year: Section	: 2026 Maintenance	Local	Global	Major <crit< td=""><td>Estimated Cost: Major>Crit</td><td>\$11,006 Total</td><td>PCI Before</td><td>After</td></crit<>	Estimated Cost: Major>Crit	\$11,006 Total	PCI Before	After
				•				
A-11 R-11	Preventive Preventive	\$98 \$6,084	\$0 \$0	\$0 \$0	\$0 \$0	\$98 \$6,084	89 78	89 79
R-12	Preventive	\$2,159	\$0 \$0	\$0	\$0	\$2,159	77	78
T-11	Preventive	\$119	\$0 \$0	\$0 \$0	\$0 \$0	\$119	84	84
T-12 T-2	Preventive Preventive	\$8 \$2,539	\$0 \$0	\$0 \$0		\$8 \$2,539	90 67	90 67
		~ = ,555	70	ΨŪ	γo	Ÿ L ,333	٠,	٠,

WHITE SULPHUR SPRINGS AIRPORT (23)

CICTE CAL V	EAR PROJECTIONS	- (- /		FCT	IN A A TED. A VED A CE	ANNUAL COST.		¢c0 224
	EAR PROJECTIONS			EST	IMATED AVERAGE			\$60,224
Plan Year: Section		Local	Global	Major <crit< td=""><td>Estimated Cost: Major>Crit</td><td>\$15,495 Total</td><td>PCI Before</td><td>After</td></crit<>	Estimated Cost: Major>Crit	\$15,495 Total	PCI Before	After
Jection	Wantenance	Local	Global	Wajor verit	major ene	Total	Delore	Aitti
A-11	Preventive	\$186	\$ 0	\$0	\$ 0	\$186	88	88
R-11	Preventive	\$9,290	\$0	\$0		\$9,290	76	76
R-12	Preventive	\$3,066	\$0 60	\$0 60		\$3,066	75 92	75 93
T-11 T-12	Preventive Preventive	\$150 \$38	\$0 \$0	\$0 \$0		\$150 \$38	82 89	82 89
T-12	Preventive	\$38 \$2,766	\$0 \$0	\$0 \$0		\$38 \$2,766	66	66
1-2	Freventive	\$2,700	7 0	ŞŪ	ŞÜ	\$2,700	00	00
Plan Year:	2028				Estimated Cost:	\$19,980	PCI	
Section	Maintenance	Local	Global	Major <crit< td=""><td>Maior>Crit</td><td>Total _</td><td>Before</td><td>After</td></crit<>	Maior>Crit	Total _	Before	After
				.,	.,			
A-11	Preventive	\$275	\$0	\$0	\$0	\$275	87	87
R-11	Preventive	\$12,496	\$ 0	\$0		\$12,496	74	74
R-12	Preventive	\$3,969	\$0 60	\$0 50		\$3,969	73	73
T-11 T-12	Preventive	\$180 \$67	\$0 \$0	\$0 \$0		\$180 \$67	80 88	80 88
T-12	Preventive Preventive	\$67 \$2,993	\$0 \$0	\$0 \$0		\$2,993	64	64
1 2	revenuve	72,333	γo	ÇÜ	γo	72,555	04	04
Plan Year:	2029				Estimated Cost:	\$240,539	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
		2000.	0.000	ajo: ioi.ic	inajon cin		20.0.0	711101
A-11	Preventive + Global MR	\$365	\$26,843	\$0	\$0	\$27,208	85	89
R-11	Preventive + Global MR	\$15,698	\$124,949	\$0		\$140,647	72	79
R-12	Preventive + Global MR	\$4,880	\$35,700	\$0		\$40,580	71	78
T-11	Preventive + Global MR	\$291	\$6,256	\$0	\$0	\$6,547	79	84
T-12	Preventive + Global MR	\$96	\$9,151	\$0 \$0	\$0 \$0	\$9,247	86	90 67
T-2	Preventive + Global MR	\$3,220	\$13,088	ŞU	ŞU	\$16,308	63	67
Plan Year:	2020				Estimated Cost:	\$14.426	PCI	
Section	Maintenance	Local	Global	Major <crit< td=""><td>Major>Crit</td><td>\$14,426_ Total</td><td>Before</td><td>After</td></crit<>	Major>Crit	\$14,426_ Total	Before	After
300000	mantenance	Local	Global	major verre	major crit	Total	Belore	711101
A-11	Preventive	\$175	\$0	\$0	\$0	\$175	88	88
R-11	Preventive	\$8,494	\$ 0	\$0		\$8,494	77	77
R-12	Preventive	\$2,839	\$0	\$0		\$2,839	76	76
T-11	Preventive	\$144 635	\$0	\$0 60		\$144	82	82
T-12 T-2	Preventive Preventive	\$35 \$2,739	\$0 \$0	\$0 \$0	\$0 \$0	\$35 \$2,739	89 66	89 66
1-2	Freventive	\$2,739	30	50	ŞÜ	\$2,739	00	00
Plan Year:	2031				Estimated Cost:	\$18,899	PCI	
	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
300000	- Triante lance	Local	Global	major verre	Wajor Crit	Total	Belore	711101
A-11	Preventive	\$266	\$0	\$0	\$0	\$266	87	87
R-11	Preventive	\$11,687	\$0	\$0		\$11,687	75	75
R-12	Preventive	\$3,742	\$0	\$0		\$3,742	74	74
T-11	Preventive	\$175	\$0	\$0		\$175	81	81
T-12	Preventive	\$64	\$0 \$0	\$0 \$0		\$64	88 65	88 65
T-2	Preventive	\$2,966	ŞU	ŞU	\$0	\$2,966	05	65
Plan Year:	2032				Estimated Cost:	\$23,451	PCI	
Section	Maintenance	Local	Global	Major <crit< td=""><td>Major>Crit</td><td>723,431_ Total</td><td>Before</td><td>After</td></crit<>	Major>Crit	723,431_ Total	Before	After
				ajor sorit	ajor- one			7
A-11	Preventive	\$354	\$0	\$0	\$0	\$354	86	86
R-11	Preventive	\$14,893	\$0	\$0	\$0	\$14,893	72	73
R-12	Preventive	\$4,649	Ş 0	\$0	\$0	\$4,649	71	72
T-11	Preventive	\$269 603	\$0 60	\$0 60		\$269	79	79 97
T-12 T-2	Preventive Preventive	\$93 \$3,193	\$0 \$0	\$0 \$0		\$93 \$3,193	87 63	87 63
1-2	Freventive	\$3,133	30	50	ŞÜ	73,193	03	03
Plan Year:	2033				Estimated Cost:	\$28,112	PCI	
Section		Local	Global	Major <crit< td=""><td>Major>Crit</td><td>Total</td><td>Before</td><td>After</td></crit<>	Major>Crit	Total	Before	After
Jection	wantenance	Local	Global	wajorscrit	iviajor/Crit	Total	Deloie	AILEI
A-11	Preventive	\$444	\$0	\$0	\$0	\$444	84	84
R-11	Preventive	\$18,095	\$0	\$0	\$0	\$18,095	70	70
R-12	Preventive	\$5,638	\$0	\$0		\$5,638	69	69
T-11	Preventive	\$392	\$0	\$0		\$392	77	77
T-12	Preventive	\$122 \$2.420	\$0 \$0	\$0 \$0		\$122 \$2.420	85 63	85 63
T-2	Preventive	\$3,420	\$0	\$0	\$0	\$3,420	62	62