

CURRENT 2021 PAVEMENT CONDITION INDEX

Branch ID	Section ID	Branch Name	Surface Type	Section Area (SF)	Approx. Age at Inspection	Last Major Work Date	Last Inspection Date	Pavement Condition Index	PCI Category
AP	02	Apron	AC	23,520	3.9	1/1/2018	9/9/2021	94	Good
AP	03	Apron	AC	11,200	3.9	1/1/2018	9/9/2021	93	Good
AP	11	Apron	AC	169,330	7.1	11/3/2014	9/9/2021	86	Good
RW17	11	Runway 17-35	AC	360,000	7.1	11/3/2014	9/9/2021	81	Satisfactory
TW	03	Taxiway	AC	15,000	3.9	1/1/2018	9/9/2021	96	Good
TW	11	Taxiway	AC	73,320	7.1	11/3/2014	9/9/2021	81	Satisfactory
TW	11A	Taxiway	AC	25,000	3.9	1/1/2018	9/9/2021	90	Good
TW	12	Taxiway	AC	17,497	7.1	11/3/2014	9/9/2021	92	Good

AIRFIELD PAVEMENT WORK HISTORY

- AIP-003-1988, ALL NEW PAVEMENTS. AIP-004-2000, OVERLAY EXISTING BITUMINOUS RUNWAY, TAXIWAY, APRON, AND TURNAROUNDS.
- AIP-011-2014, RECONSTRUCT AND LENGTHEN RUNWAY (RW17:11); CONSTRUCT RUNWAY 17 TURNAROUND (TW:11); RECONSTRUCT TAXIWAY (TW:11); RECONSTRUCT APRON (AP:11); RECONSTRUCT TAXILANE (T:12).
 AIP-013-2018, WIDEN TAXIWAY (TW:11A), EXPAND APRON (AP:02), CONSTRUCT TAXIWAY (TW:03) AND APRONS (AP:03). [UNDER
- CONSTRUCTION, NOT INSPECTED IN 2018]

MONTANA AVIATION SYSTEM PLAN 2021 PAVEMENT CONDITION INDEXES
PREPARED FOR



Pavement Condition Index Map **RVF - RUBY VALLEY FIELD**

Runway



RW17-11-23: L&T Cracking



RW17-11-56: L&T Cracking



Taxiway



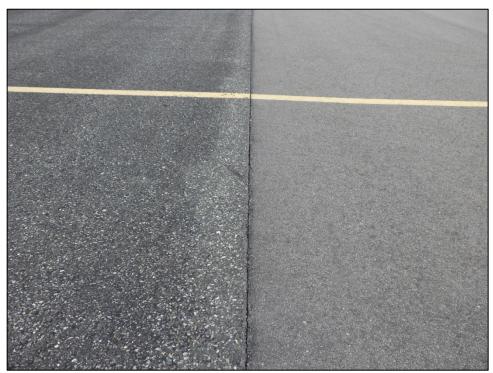
TW11-02: Overview



TW12-03: L&T Cracking



<u>Apron</u>



AP02-04: L&T Cracking



AP11-01: Weathering



Re-Inspection Report

MDT SASP 2021

57

WEATHERING

L

1038.00 SqFt

Generated Date 12/6/2021 Page 1 of 8

Generated Date	1	2/6/2021					1 ag	E 1 01
Network: RVF			Name:	Ruby Valley Fiel	d Airport			
Branch: AP		Name:	Apron	Use:	APRON	Area:	204,050 SqFt	
Section: 02	of 3	3	From: -		То: -		Last Const.: 1/1/	2018
Surface: AC	Family: D	EFAULT	Zone:		Category:		Rank: P	
Area:	23,520 SqFt	Length	80 Ft	Width:	294 Ft			
Slabs:	Slab Length	ı :	Ft Sla	b Width:	Ft	Joint Ler	ngth: Ft	
Shoulder:	Street Type:	:	Gra	ade: 0		Lanes:	0	
Section Comments:								
Work Date: 1/1/2018	Work	Type: Ne	w Construction - AC	C	ode: NC-AC	Is M	ajor M&R: True	
Last Insp. Date: 9/9	/2021	Tota	ISamples: 6	Surveye	ed: 4			
Conditions: PCI:	94							
Inspection Comments	:							
Sample Number: 01	Type:	R	Area:	4399.00 SqFt	PCI: 93			
Sample Comments:								
48 L & T CR		L	22.00 Ft					
57 WEATHERING	Ĵ	L	1100.00 SqFt					
Sample Number: 03	Type:	R	Area:	4399.00 SqFt	PCI: 97			
Sample Comments:								
57 WEATHERING	Ĵ	L	1100.00 SqFt					
Sample Number: 04	Type:	R	Area:	4399.00 SqFt	PCI: 92			
Sample Comments:								
48 L & T CR		L	50.00 Ft					
57 WEATHERING	3	L	1100.00 SqFt					
Sample Number: 05	Type:	R	Area:	4151.00 SqFt	PCI: 97			
Sample Comments:								

Network: RVF			Nam	e: Ruby	Valley Field	d Airport		
Branch: AP	N	lame:	Apron		Use:	APRON	Area:	204,050 SqFt
Section: 03	of 3	Fro	m: -			То: -		Last Const.: 1/1/2018
Surface: AC	Family: DEFA	AULT	Zone	e:		Category:		Rank: P
Area: 1	1,200 SqFt	Length:	320 F	t	Width:	35 Ft		
Slabs:	Slab Length:		Ft	Slab Width:		Ft	Joint Leng	th: Ft
Shoulder:	Street Type:			Grade: 0			Lanes:	0
Section Comments:								
Work Date: 1/1/2018	Work Ty	pe: New Co	nstruction - AC		Co	ode: NC-AC	Is Maj	or M&R: True
Last Insp. Date: 9/9/2	021	TotalSam	ples: 4		Surveye	d: 2		
Conditions: PCI:	93							
Inspection Comments:								
Sample Number: 01	Туре:	R	Area:	6720.	00 SqFt	PCI:	91	
Sample Comments:								
48 L & T CR	L		80.00 Ft					
57 WEATHERING	L	1	680.00 SqFt					
Sample Number: 04	Туре:	R	Area:	5600.	00 SqFt	PCI:	95	
Sample Comments:								
57 WEATHERING	L	1	240.00 SqFt					

Netwo	ork: RVF			N	ame:	Ruby Valley Fie	ld Airport			
Branc	eh: AP		Name:	Apron		Use:	APRON	Area:	204,050 SqFt	
Sectio	on: 11	of 3		From: ENT	IRE APRO	ON	To:		Last Const.	.: 11/3/2014
Surfa	ce: AC	Family: Di	EFAULT	Z	one:		Category:		Rank: P	
Area:	169,33	0 SqFt	Length	: 57	l Ft	Width:	300 Ft			
Slabs:	:	Slab Length	:	Ft	Slab V	Vidth:	Ft	Joint I	ength:	Ft
Shoul	der:	Street Type:			Grade	: 0		Lanes:		
Sectio	on Comments:									
	Date: 11/3/2014	Work	Type: Nev	w Construction - A	AC		Code: NC-AC	Is	Major M&R: True	
T4 T	D-4 0/0/2021		T-4-1	C 1		6	. 1. 5			
	nsp. Date: 9/9/2021		1 otai	Samples: 18		Surveye	ea: 5			
	itions: PCI: 86									
Inspe	ction Comments:									
Samp	le Number: 01	Type:	R	Area:		4900.00 SqFt	PCI:	82		
Samp	le Comments:									
48	L & T CR		L	116.00 Ft						
57	WEATHERING		L	4410.00 SqF	t					
57	WEATHERING		M	490.00 SqF	t					
Samp	le Number: 05	Type:	R	Area:		4900.00 SqFt	PCI:	90		
Samp	le Comments:									
48	L & T CR		L	22.00 Ft						
57	WEATHERING		L	4900.00 SqF	t					
Samp	le Number: 09	Type:	R	Area:		4900.00 SqFt	PCI:	84		
Samp	le Comments:									
48	L & T CR		L	92.00 Ft						
57	WEATHERING		L	4655.00 SqF	t					
57	WEATHERING		M	245.00 SqF						
Samp	le Number: 13	Type:	R	Area:		4900.00 SqFt	PCI:	83		
Samp	le Comments:									
48	L & T CR		L	110.00 Ft						
57	WEATHERING		L	4655.00 SqF	t					
57	WEATHERING		M	245.00 SqF	t					
Samp	le Number: 17	Type:	R	Area:		4180.00 SqFt	PCI:	91		
Samp	le Comments:									
48	L & T CR		L	9.00 Ft						
57	WEATHERING		L	4180.00 SqF	t					

Network: RVF		Name:	Ruby Valley Field	Airport	
Branch: RW17	Name:	Runway 17-35	Use:	RUNWAY	Area: 360,000 SqFt
Section: 11	of 1	From: T-11		To: T-11	Last Const.: 11/3/2014
Surface: AC I	Family: DEFAULT	Zone:		Category:	Rank: P
Area: 360,000	SqFt Length:	6,000 Ft	Width:	60 Ft	
Slabs:	Slab Length:	Ft Slab V	Width:	Ft	Joint Length: Ft
Shoulder:	Street Type:	Grade	e: 0		Lanes: 0
Section Comments:					
Work Date: 11/3/2014	Work Type: New	Construction - AC	Cod	e: NC-AC	Is Major M&R: True
Last Insp. Date: 9/9/2021	TotalS	amples: 75	Surveyed:	7	
Conditions: PCI: 81					
Inspection Comments:					
Sample Number: 01	Type: R	Area:	4800.00 SqFt	PCI: 80	
Sample Comments:					
48 L & T CR	L	249.00 Ft			
57 WEATHERING	L	4800.00 SqFt			
Sample Number: 12	Type: R	Area:	4800.00 SqFt	PCI: 80	
Sample Comments:					
48 L & T CR	L	240.00 Ft			
57 WEATHERING	L	4800.00 SqFt			
Sample Number: 23	Type: R	Area:	4800.00 SqFt	PCI: 84	
Sample Comments:					
48 L & T CR	L	160.00 Ft			
57 WEATHERING Sample Number: 34	Type: R	4800.00 SqFt Area:	4800.00 SqFt	PCI: 80	
Sample Comments:	Type: R	Area:	4800.00 SqFt	FCI: 80	
_					
48 L & T CR 57 WEATHERING	L L	237.00 Ft 4800.00 SqFt			
Sample Number: 45	Type: R	Area:	4800.00 SqFt	PCI: 80	
Sample Comments:	Type. R	mica.	1000.00 Bq1 t	101. 00	
_	T	240.00 5			
48 L & T CR 57 WEATHERING	L L	240.00 Ft 4800.00 SqFt			
Sample Number: 56	Type: R	Area:	4800.00 SqFt	PCI: 80	
Sample Comments:					
48 L & T CR	L	240.00 Ft			
57 WEATHERING	L	4800.00 SqFt			
Sample Number: 67	Type: R	Area:	4800.00 SqFt	PCI: 80	
Sample Comments:					
48 L & T CR	L	240.00 Ft			
57 WEATHERING	L	4800.00 SqFt			

Network: RVF			Nai	ne: Ruby Va	ılley Field	l Airport				
Branch: TW		Name:	Taxiway		Use:	TAXIWAY	Area:	13	0,817 SqFt	
Section: 03	of	4	From: -			То: -			Last Const.:	1/1/2018
Surface: AC	Family: I	DEFAULT	Zor	ie:		Category:			Rank: P	
Area:	15,000 SqFt	Lengtl	1: 600 1	Ft Wi	dth:	25 Ft				
Slabs:	Slab Lengt	h:	Ft	Slab Width:		Ft	Joint	Length:	F	
Shoulder:	Street Type	e:		Grade: 0			Lanes	s: 0		
Section Comments:										
Work Date: 1/1/2018	Wor	k Type: No	ew Construction - AC	1,	Co	ode: NC-AC	Is	s Major M	I&R: True	
Last Insp. Date: 9/9/2	2021	Tota	dSamples: 3		Surveyed	1: 3				
Conditions: PCI:	96		r							
Inspection Comments:										
Sample Number: 01	Type:	R	Area:	5897.00	SaFt	PCI:	94			
Sample Comments:	Type.		Tireu.	2097.00	Sqr t	101.	,			
Sample Comments.										
_		L	13.00 Ft							
48 L & T CR	j	L L	13.00 Ft 1474.00 SqFt							
48 L & T CR 57 WEATHERING	G Type:	L		5800.00	 SqFt	PCI:	97			
48 L & T CR 57 WEATHERING Sample Number: 02		L	1474.00 SqFt	5800.00	 SqFt	PCI:	97			
48 L & T CR	Туре:	L	1474.00 SqFt	5800.00	SqFt	PCI:	97			
48 L & T CR 57 WEATHERING Sample Number: 02 Sample Comments:	Туре:	L R	1474.00 SqFt Area:	5800.00 5800.00	•	PCI:				
48 L & T CR 57 WEATHERING Sample Number: 02 Sample Comments: 57 WEATHERING	Type:	L R	1474.00 SqFt Area: 1450.00 SqFt		•					
3 L & T CR WEATHERING Ample Number: 02 Ample Comments: WEATHERING Ample Number: 03	Type:	L R	1474.00 SqFt Area: 1450.00 SqFt		•					

Netw	ork: RVF				Nam	ne: Rub	y Valley Fie	ld Airport					
Bran	ch: TW		Name:	Taxiway	7		Use:	TAXIW	AY	Aı	rea:	130,817 SqFt	
Sectio	on: 11	of 4		From: R-	-11			To:	A-11			Last Const.:	11/3/2014
Surfa	ce: AC	Family: Dl	EFAULT		Zone	e:		Cate	gory:			Rank: P	
Area:	73,32	20 SqFt	Lengt	h: 2,	600 F	t	Width:		25 Ft				
Slabs	:	Slab Length	:	Ft		Slab Width:		Ft			Joint Length	: I	² t
Shoul	lder:	Street Type:				Grade: 0					Lanes: 0		
Sectio	on Comments:												
Work	Date: 11/3/2014	Work	Type: No	ew Construction	- AC		C	Code: NC-	-AC		Is Major	M&R: True	
Last 1	Insp. Date: 9/9/2021		Tota	alSamples: 22	2		Surveyo	ed: 5					
	itions: PCI: 81												
	ction Comments:												
Samp	le Number: 02	Type:	R	Arc	ea:	5000	0.00 SqFt		PCI:	83			
Samp	le Comments:												
48	L & T CR		L	93.00 F	₹t								
57	WEATHERING		L	4401.00 S									
57	WEATHERING		M	599.00 S	SqFt								
Samp	le Number: 07	Type:	R	Ar	ea:	5000	0.00 SqFt		PCI:	77			
Samp	le Comments:												
48	L & T CR		L	242.00 F									
57	WEATHERING		L	4700.00 S									
57	WEATHERING		M	300.00 S									
Samp	le Number: 12	Type:	R	Ar	ea:	5000	0.00 SqFt		PCI:	79			
Samp	le Comments:												
48	L & T CR		L	198.00 F	₹t								
57	WEATHERING		L	4700.00 S	SqFt								
57	WEATHERING		M	300.00 S	SqFt								
Samp	le Number: 17	Type:	R	Ar	ea:	5000	0.00 SqFt		PCI:	87			
Samp	le Comments:												
48	L & T CR		L	16.00 F	₹t								
57	WEATHERING		L	4700.00 S									
57	WEATHERING		M	300.00 S	SqFt								
Samp	le Number: 22	Type:	R	Ar	ea:	5000	0.00 SqFt		PCI:	78			
Samp	le Comments:												
48	L & T CR		L	189.00 F	₹t								
57	WEATHERING		L	4100.00 S									
57	WEATHERING		M	900.00 S									

Network:	RVF			Na	me: Ruby Valley	Field Airport				
Branch:	TW		Name:	Taxiway	τ	se: TAXIWAY	Area:	13	0,817 SqFt	
Section:	11A	0	f 4	From: -		То: -			Last Const.:	1/1/2018
Surface:	AC	Family:	DEFAULT	Zo	ne:	Category	y:		Rank: P	
Area:		25,000 SqFt	Lengt	h: 2,500	Ft Width	: 10	Ft			
Slabs:		Slab Len	igth:	Ft	Slab Width:	Ft	Joi	int Length:	Ft	
Shoulder:		Street Ty	ype:		Grade: 0		La	nes: 0		
Section Co	mments:									
Work Date	: 1/1/2018	W	ork Type: N	ew Construction - AC	C	Code: NC-AC		Is Major M	&R: True	
Last Insp. 1	Date: 9/9/	2021	Tota	alSamples: 4	Sur	veyed: 4				
Conditions	: PCI:	90								
Inspection	Comments	:								
Sample Nu	mber: 02	Тур	e: R	Area:	6000.00 SqI	t PC	I: 89			
Sample Co	mments:									
48 L&	T CR		L	200.00 Ft						
Sample Nu	mber: 03	Туг	e: R	Area:	6000.00 SqI	t PC	I: 89			
Sample Co	mments:									
48 L &	T CR		L	200.00 Ft						
Sample Nu	mber: 04	Тур	e: R	Area:	6000.00 SqI	t PC	I: 89			
Sample Co	mments:									
48 L &	T CR		L	200.00 Ft						
Sample Nu	mber: 05	Туг	oe: R	Area:	6000.00 SqI	t PC	I: 93			
Sample Co	mments:									

Network:	RVF				Na	me: Rub	y Valley Fiel	d Airport						
Branch:	TW		Nai	me:	Taxiway		Use:	TAXIW	AY	Ar	ea:	13	30,817 SqFt	
Section:	12	of	4	Fron	n: A-11			To:	HAN	GARS			Last Const.:	11/3/2014
Surface:	AC	Family:	DEFAU	JLT	Zo	ne:		Cate	gory:				Rank: P	
Area:	17	,497 SqFt	Le	ength:	600	Ft	Width:		25 Ft					
Slabs:		Slab Leng	th:		Ft	Slab Width:		Ft			Joint Le	ength:	Ft	
Shoulder:		Street Typ	pe:			Grade: 0					Lanes:	0		
Section Co	omments:													
Work Date	e: 11/3/2014	Wo	rk Type	: New Con	struction - A	С	C	ode: NC-	AC		Is N	1ajor N	1&R: True	
Last Insp.	Date: 9/9/202	21		TotalSamp	oles: 3		Surveye	ed: 3						
Conditions	s: PCI : 92	2												
Inspection	Comments:													
pection	Comments													
	ımber: 01	Туре) :	R	Area:	5000	0.00 SqFt		PCI:	92				
	ımber: 01	Туре	: :	R	Area:	5000	0.00 SqFt		PCI:	92				
Sample Nu Sample Co	ımber: 01	Туре	e: L	R	Area: 33.00 Ft	5000	0.00 SqFt		PCI:	92				
Sample Nu Sample Co	umber: 01	Турс					0.00 SqFt		PCI:	92				
Sample Nu Sample Co 48 L & 57 WE	omments:	Туре	L L		33.00 Ft		0.00 SqFt		PCI:					
Sample Nu Sample Co 48 L & 57 WE	omments: z T CR EATHERING imber: 02		L L	12	33.00 Ft 250.00 SqFt									
Sample Nu Sample Co 48 L & 57 WE Sample Nu Sample Co	omments: z T CR EATHERING imber: 02		L L	12 R	33.00 Ft 250.00 SqFt	5000								
Sample Nu Sample Co 48 L & 57 WE Sample Nu Sample Co 57 WE	omments: a T CR EATHERING omments: 02 omments:		L L ::	12 R	33.00 Ft 250.00 SqFt Area:	5000				94				
Sample Nu Sample Co 48 L & 57 WE Sample Nu Sample Co 57 WE Sample Nu	mber: 01 comments: c T CR EATHERING imber: 02 comments: EATHERING imber: 03	Турс	L L ::	12 R 50	33.00 Ft 250.00 SqFt Area:	5000).00 SqFt		PCI:	94				
Sample Nu Sample Co 48 L & 57 WE Sample Nu Sample Co 57 WE Sample Nu Sample Co	mber: 01 comments: c T CR EATHERING imber: 02 comments: EATHERING imber: 03	Турс	L L ::	12 R 50	33.00 Ft 250.00 SqFt Area:	5000).00 SqFt		PCI:	94				