

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	01	Apron	AAC	66,000	13.3	8/1/2008	8/16/2021	64	Fair
AP	02	Apron	AC	65,446	6	11/2/2015	8/16/2021	92	Good
RW06	01	Runway 06-24	AAC	382,500	13.3	8/1/2008	8/16/2021	80	Satisfactory
TW	01	Taxiway	AAC	27,300	13.3	8/1/2008	8/16/2021	58	Fair
TW	02	Taxiway	AAC	19,600	13.3	8/1/2008	8/16/2021	84	Satisfactory
TW	03	Taxiway	AC	21,834	6	11/2/2015	8/16/2021	92	Good

AIRFIELD PAVEMENT WORK HISTORY

- AIP-006-1990, ALL NEW CONSTRUCTION.
 AIP-008-2001, CRACK SEAL, FOG SEAL, AND REMARK ALL PAVEMENTS.
- AIP-011-2008, REHABILITATE (OVERLAY) RUNWAY 6/24 (RW06:01), TAXIWAY (TW:01), TURNAROUND (TW:02), AND APRON (AP:01).
- 4. AIP-015-2015, CRACK SEAL, SEAL COAT, AND REMARK RUNWAY (RW06:01), TAXIWAYS (TW:01, TW:02), AND APRON (AP:01); CONSTRUCT TAXIWAY (TW:03); EXPAND APRON (AP:02) [INSPECTED PRIOR TO MAINTENANCE PROJECT].
- 5. 2020, CRACK SEAL, SURFACE SEAL, REMARK ALL PAVEMENTS

MONTANA AVIATION SYSTEM PLAN 2021 PAVEMENT CONDITION INDEX
PREPARED FOR Montana Department of Transportation

Division of Aeronautics



Pavement Condition Index Map M46 - COLSTRIP AIRPORT

Runway



RW06-01-03: L&T Cracking



RW06-01-27: Raveling



Taxiway



TW01-01: Bleeding



TW02-01: L&T Cracking



<u>Apron</u>



AP01-07: Raveling



AP01-11: Bleeding



Re-Inspection Report

MDT SASP 2021

Generated Date 12/3/2021 Page 1 of 6

Gene	rated Date	12/3/	2021					Page 1 01 0
Netw	ork: M46			Name:	Colstrip Airpo	rt		
Bran	ch: AP	N	ame: Apro	on	Use	: APRON	Area:	131,446 SqFt
Section	on: 01	of 2	From:	ENTIRE API	RON	To:		Last Const.: 8/1/2008
Surfa	ice: AAC	Family: DEFA	ULT	Zone:	COLS	Category:	Е	Rank: P
Area	: 66,00	0 SqFt	Length:	220 Ft	Width:	300 Ft		
Slabs	:	Slab Length:	F	t Slab	Width:	Ft	Joint L	ength: Ft
Shou	lder:	Street Type:	ACN	Gra	de: 0		Lanes:	0
Section	on Comments:							
Worl	Date: 9/30/1990	Work Ty	pe: New Construc	tion - Initial		Code: NU-IN	Is 1	Major M&R: True
Worl	Date: 8/1/2008	Work Ty	pe: Overlay - AC	Structural		Code: OL-AS	Is 1	Major M&R: True
Worl	Date: 1/1/2020	Work Ty	pe: Crack Sealing	- AC		Code: CS-AC	Is 1	Major M&R: False
Worl	x Date: 1/1/2020	Work Ty	pe: Surface Seal			Code: SS-LO	Is 1	Major M&R: False
Last	Insp. Date: 8/16/2021		TotalSamples:	12	Surve	eyed: 4		
Cond	litions: PCI: 64							
Inspe	ection Comments:							
Samp	ole Number: 03	Туре:	R	Area:	5500.00 SqFt	PCI:	52	
Samp	ole Comments:							
42	BLEEDING	N	565.0	0 SqFt				
52	RAVELING	L		0 SqFt				
57	WEATHERING	L		0 SqFt				
_	ole Number: 07	Type:	R	Area:	5500.00 SqFt	PCI:	86	
Samp	ole Comments:							
48	L & T CR	L		0 Ft				
52 57	RAVELING WEATHERING	L L		0 SqFt				
	ole Number: 09	Type:	R	0 SqFt Area:	5500.00 SqFt	PCI:	60	
•	ole Comments:	Type.	K	Alta.	3300.00 Sqrt	i ci.	00	
•		3.7	202.0	0 0 54				
42 48	BLEEDING L & T CR	N L		0 SqFt 0 Ft				
52	RAVELING	L		0 SqFt				
57	WEATHERING	L		0 SqFt				
Samp	ole Number: 11	Туре:	R	Area:	5500.00 SqFt	PCI:	59	
Samp	ole Comments:							
42	BLEEDING	N	232.0	0 SqFt				
48	L & T CR	L		0 Ft				
52	RAVELING	L		0 SqFt				
52	RAVELING	Н	2.0	0 SqFt				
57	WEATHERING	L	3918.0	0 SqFt				

Network: M46			Nar	ne: Col	strip Airport	_				
Branch: AP		Name:	Apron		Use:	APRON	Area:	131,446 \$	SqFt	
Section: 02	of 2		From: A-1			To: T-3		Last (Const.:	11/2/2015
Surface: AC	Family: DEF	AULT	Zon	ie:		Category:		Rank	: P	
Area: 65,	146 SqFt	Length:	281 I	Ft	Width:	231 Ft				
Slabs:	Slab Length:		Ft	Slab Width:		Ft	Join	nt Length:	Ft	
Shoulder:	Street Type:			Grade: 0			Lan	es: 0		
Section Comments:										
Work Date: 11/2/2015	Work T	ype: New	Construction - AC	,	Co	ode: NC-AC		Is Major M&R:	Γrue	
Work Date: 1/1/2020	Work T	ype: Surf	ace Seal		Co	ode: SS-LO		Is Major M&R:	False	
Work Date: 1/1/2020	Work T	y pe: Crac	ek Sealing - AC		Co	ode: CS-AC		Is Major M&R:	False	
Last Insp. Date: 8/16/20	21	TotalS	Samples: 11		Surveyed	d: 4				
Conditions: PCI: 92										
Inspection Comments:										
Sample Number: 01	Type:	R	Area:	658	4.00 SqFt	PCI:	96			
Sample Comments:										
48 L & T CR	L		25.00 Ft							
Sample Number: 04	Type:	R	Area:	577	5.00 SqFt	PCI:	90			
Sample Comments:										
48 L & T CR	L		25.00 Ft							
57 WEATHERING	L	,	5775.00 SqFt							
Sample Number: 07	Type:	R	Area:	575	0.00 SqFt	PCI:	90			
Sample Comments:										
48 L & T CR	L		25.00 Ft							
57 WEATHERING	L		5750.00 SqFt							
Sample Number: 10	Type:	R	Area:	575	0.00 SqFt	PCI:	90			
Sample Comments:										
	т		25.00 E							
48 L & T CR	L		25.00 Ft							

	3.446													
Netwo					Name:	Cols	trip Airpo							
Branc	h: RW06		Name:	Runway	06-24		Use	: RU	JNWAY	Area:		382,50	0 SqFt	
Section	n: 01	of 1		From: R	WY 6-2	4 STA 0+00			To: RWY	7 6-24 STA 5	1+00	Las	st Const	8/1/2008
Surfac	ce: AAC	Family: DE	EFAULT		Zone:	COLS			Category:	E		Ra	nk: P	
Area:	382,500) SqFt	Length	1: 5,	100 Ft		Width:		75 Ft	i.				
Slabs:		Slab Length:	:	Ft	S	lab Width:			Ft	Jo	oint Leng	th:		Ft
Should	der:	Street Type:	ACR		G	Grade: 0				L	anes:	0		
Section	n Comments:													
Work	Date: 9/30/1990	Work	Type: Ne	w Construction	- Initial			Code:	NU-IN		Is Maj	or M&R	: True	
Work	Date: 8/1/2008	Work	Type: Ov	verlay - AC Stru	ctural			Code:	OL-AS		Is Maj	or M&R	: True	
Work	Date: 1/1/2020	Work	Type: Cra	ack Sealing - A	C			Code:	CS-AC		Is Maj	or M&R	: False	
Work	Date: 1/1/2020	Work	Type: Sur	rface Seal				Code:	SS-LO		Is Maj	or M&R	: False	
Last I	nsp. Date: 8/16/2021		Total	lSamples: 79)		Surve	eyed:	7					
Condi	tions: PCI: 80													
Inspec	tion Comments:													
Sampl	e Number: 03	Type:	R	Are	ea:	4875	.00 SqFt		PCI:	77				
Sampl	e Comments:													
42	BLEEDING		N	25.00 S	SqFt									
48	L & T CR		L	65.00 F	₹t									
52	RAVELING		L	233.00 S										
57 57	WEATHERING WEATHERING		L M	4426.00 S 216.00 S										
						1075	00 C-E4		DCL	80				
_	e Number: 15	Type:	R	Arc	ra.	48/3	.00 SqFt		PCI:	ου				
_	e Comments:													
48	L & T CR		L	87.00 F										
52 57	RAVELING WEATHERING		L L	488.00 S 4387.00 S										
	le Number: 27	Type:	R	4387.00 S		4975	.00 SqFt		PCI:	80				
_	le Comments:	i ypc.	IX.	All		T0/3	.vv bqi t		1 (1,					
•			т.	5 0.00 =	٦,									
48	L & T CR		L	78.00 F										
52 57	RAVELING WEATHERING		L L	488.00 S 4387.00 S	•									
	le Number: 39	Type:	R	4387.00 S		4875	.00 SqFt		PCI:	80				
_	e Comments:	-7 Pv-	==	111		.0.3	- 1- *		- 02.					
			т	113.00	74									
48 52	L & T CR RAVELING		L L	113.00 F 488.00 S										
57	WEATHERING		L	4387.00 S										
	e Number: 51	Type:	R	Are		4875	.00 SqFt		PCI:	81				
_	e Comments:	v x					1							
48	L & T CR		L	134.00 F	-t									
52	RAVELING		L	244.00 S	SqFt									
57	WEATHERING		L	4631.00 S	sqFt									
Sampl	e Number: 63	Type:	R	Arc	ea:	4875	.00 SqFt		PCI:	85				
Sampl	e Comments:													
48	L & T CR		L	59.00 F										
52	RAVELING		L	98.00 S										
57	WEATHERING		L	4777.00 S		4075	00 C E		DOL	90				
_	e Number: 75 e Comments:	Туре:	R	Arc	ea:	48/5	.00 SqFt		PCI:	80				
48	L & T CR		L	98.00 F	-?t									
52	RAVELING		L	488.00 S	sqrt									

Network: M46			Name:	Cois	trip Airport						
Branch: TW	Na	me: Taxiwa	ıy		Use:	TAXIV	VAY	Area:	68	,734 SqFt	
Section: 01	of 3	From:	RWY 6-24	STA 50+88		To:	RWY 6	-24 STA 47+75	5	Last Const.:	8/1/2008
Surface: AAC	Family: DEFAU	JLT	Zone:	COLS		Cat	egory: E			Rank: P	
Area: 27,300	SqFt Lo	ength:	780 Ft		Width:		35 Ft				
Slabs:	Slab Length:	Ft	SI	ab Width:		Ft		Joint 1	Length:	F	t
Shoulder:	Street Type: A	CR	G	rade: 0				Lanes	: 0		
Section Comments:											
Work Date: 9/30/1990	Work Type	e: New Construction	n - Initial		(Code: NU	J-IN	Is	Major Ma	&R: True	
Work Date: 8/1/2008	Work Type	e: Overlay - AC Str	ructural		(Code: OL	-AS	Is	Major Ma	&R: True	
Work Date: 1/1/2020	Work Type	e: Surface Seal			(Code: SS	-LO	Is	Major Ma	&R: False	
Work Date: 1/1/2020	Work Type	e: Crack Sealing - A	AC		(Code: CS	-AC	Is	Major Ma	&R: False	
Last Insp. Date: 8/16/2021		TotalSamples:	6		Survey	ed: 3					
Conditions: PCI: 58											
Inspection Comments:	Type:	R A	rea:	4760	.00 SaFt		PCI: 4	4			
Inspection Comments: Sample Number: 01	Type:	R A	rea:	4760	.00 SqFt		PCI: 4	4			
Inspection Comments: Sample Number: 01 Sample Comments:	Type:	R A		4760	.00 SqFt		PCI: 4	4			
Inspection Comments: Sample Number: 01 Sample Comments: 42 BLEEDING			SqFt	4760	.00 SqFt		PCI: 4	4			
Inspection Comments: Sample Number: 01 Sample Comments: 42 BLEEDING 45 DEPRESSION	N	725.00 9.00 476.00	SqFt SqFt SqFt	4760	.00 SqFt		PCI: 4	4			
Inspection Comments: Sample Number: 01 Sample Comments: 42 BLEEDING 45 DEPRESSION 52 RAVELING	N L	725.00 9.00	SqFt SqFt SqFt	4760	.00 SqFt		PCI: 4	4			
Sample Number: 01 Sample Comments: 42 BLEEDING 45 DEPRESSION 52 RAVELING 57 WEATHERING	N L L L	725.00 9.00 476.00 4284.00	SqFt SqFt SqFt		.00 SqFt		PCI: 6				
Inspection Comments: Sample Number: 01 Sample Comments: 42 BLEEDING 45 DEPRESSION 52 RAVELING 57 WEATHERING Sample Number: 03	N L L L	725.00 9.00 476.00 4284.00	SqFt SqFt SqFt SqFt		_						
Inspection Comments: Sample Number: 01 Sample Comments: 42 BLEEDING 45 DEPRESSION 52 RAVELING 57 WEATHERING Sample Number: 03 Sample Comments:	N L L L Type:	725.00 9.00 476.00 4284.00 R	SqFt SqFt SqFt SqFt		_						
Inspection Comments: Sample Number: 01 Sample Comments: 42 BLEEDING 45 DEPRESSION 52 RAVELING 57 WEATHERING Sample Number: 03 Sample Comments: 42 BLEEDING	N L L L	725.00 9.00 476.00 4284.00	SqFt SqFt SqFt SqFt .rea:		_						
Inspection Comments: Sample Number: 01 Sample Comments: 42 BLEEDING 45 DEPRESSION 52 RAVELING 57 WEATHERING Sample Number: 03 Sample Comments: 42 BLEEDING 48 L & T CR	N L L L Type:	725.00 9.00 476.00 4284.00 R A	SqFt SqFt SqFt SqFt rea:		_						
Inspection Comments: Sample Number: 01 Sample Comments: 42 BLEEDING 45 DEPRESSION 52 RAVELING 57 WEATHERING Sample Number: 03 Sample Comments: 42 BLEEDING 48 L & T CR 52 RAVELING	N L L L Type:	725.00 9.00 476.00 4284.00 R A	SqFt SqFt SqFt -rea: SqFt Ft SqFt		_						
Inspection Comments: Sample Number: 01 Sample Comments: 42 BLEEDING 45 DEPRESSION 52 RAVELING 57 WEATHERING Sample Number: 03 Sample Comments: 42 BLEEDING 48 L & T CR 52 RAVELING 57 WEATHERING	N L L L Type:	725.00 9.00 476.00 4284.00 R A 180.00 40.00 95.00 4665.00	SqFt SqFt SqFt -rea: SqFt Ft SqFt	4760	_			7			
Inspection Comments: Sample Number: 01 Sample Comments: 42 BLEEDING 45 DEPRESSION 52 RAVELING 57 WEATHERING Sample Number: 03 Sample Comments: 42 BLEEDING 48 L & T CR 52 RAVELING 57 WEATHERING 58 Sample Number: 05	N L L L Type:	725.00 9.00 476.00 4284.00 R A 180.00 40.00 95.00 4665.00	SqFt SqFt SqFt rea: SqFt Ft SqFt SqFt	4760	.00 SqFt		PCI: 6	7			
Inspection Comments: Sample Number: 01 Sample Comments: 42 BLEEDING 45 DEPRESSION 52 RAVELING 57 WEATHERING Sample Number: 03 Sample Comments: 42 BLEEDING 48 L & T CR 52 RAVELING 57 WEATHERING Sample Number: 05 Sample Number: 05 Sample Comments:	N L L L Type:	725.00 9.00 476.00 4284.00 R A 180.00 40.00 95.00 4665.00	SqFt SqFt SqFt rea: SqFt Ft SqFt SqFt SqFt	4760	.00 SqFt		PCI: 6	7			
Inspection Comments: Sample Number: 01 Sample Comments: 42 BLEEDING 45 DEPRESSION 52 RAVELING 57 WEATHERING Sample Number: 03 Sample Comments: 42 BLEEDING 48 L & T CR 52 RAVELING 57 WEATHERING Sample Number: 05 Sample Number: 05 Sample Comments: 42 BLEEDING	N L L L Type:	725.00 9.00 476.00 4284.00 R 180.00 40.00 95.00 4665.00 R A	SqFt SqFt SqFt rea: SqFt Ft SqFt SqFt SqFt SqFt SqFt SqFt	4760	.00 SqFt		PCI: 6	7			
Inspection Comments: Sample Number: 01 Sample Comments: 42 BLEEDING 45 DEPRESSION 52 RAVELING 57 WEATHERING Sample Number: 03 Sample Comments: 42 BLEEDING 48 L & T CR 52 RAVELING 57 WEATHERING Sample Number: 05 Sample Number: 05 Sample Comments: 42 BLEEDING	N L L L L L Type:	725.00 9.00 476.00 4284.00 R 180.00 40.00 95.00 4665.00 R A	SqFt SqFt SqFt rea: SqFt Ft SqFt SqFt SqFt SqFt Ft SqFt Ft SqFt	4760	.00 SqFt		PCI: 6	7			

		Name:	Colstrip Airport		
Branch: TW	Name:	Taxiway	Use:	TAXIWAY	Area: 68,734 SqFt
Section: 02	of 3	From: RWY 6-24	WEST TURNAROUND	To:	Last Const.: 8/1/2008
Surface: AAC	Family: DEFAULT	Zone:	COLS	Category: E	Rank: P
Area: 19,60	00 SqFt Length	560 Ft	Width:	35 Ft	
Slabs:	Slab Length:	Ft SI	ab Width:	Ft	Joint Length: Ft
Shoulder:	Street Type: ACR	G	rade: 0		Lanes: 0
Section Comments:					
Work Date: 9/30/1990	Work Type: Ne	w Construction - Initial	Coo	de: NU-IN	Is Major M&R: True
Work Date: 8/1/2008	Work Type: Ov	erlay - AC Structural	Coc	de: OL-AS	Is Major M&R: True
Work Date: 1/1/2020	Work Type: Cra	ack Sealing - AC	Coc	de: CS-AC	Is Major M&R: False
Work Date: 1/1/2020	Work Type: Su	rface Seal	Coc	de: SS-LO	Is Major M&R: False
Inspection Comments:					
inspection Comments.					
Sample Number: 01	Type: R	Area:	4865.00 SqFt	PCI: 82	
Sample Number: 01	Type: R	Area:	4865.00 SqFt	PCI: 82	
Sample Number: 01 Sample Comments: 48 L&TCR	L	114.00 Ft	4865.00 SqFt	PCI: 82	
Sample Number: 01 Sample Comments: 48 L & T CR 52 RAVELING	L L	114.00 Ft 146.00 SqFt	4865.00 SqFt	PCI: 82	
Sample Number: 01 Sample Comments: 48 L & T CR 52 RAVELING 57 WEATHERING	L L L	114.00 Ft 146.00 SqFt 4719.00 SqFt			
Sample Number: 01 Sample Comments: 48 L & T CR 52 RAVELING 57 WEATHERING Sample Number: 02	L L	114.00 Ft 146.00 SqFt	4865.00 SqFt 4865.00 SqFt	PCI: 82 PCI: 85	
Sample Number: 01 Sample Comments: 48 L & T CR 52 RAVELING 57 WEATHERING Sample Number: 02 Sample Comments:	L L L	114.00 Ft 146.00 SqFt 4719.00 SqFt			
Sample Number: 01 Sample Comments: 48 L & T CR 52 RAVELING 57 WEATHERING Sample Number: 02 Sample Comments: 48 L & T CR	L L L Type: R	114.00 Ft 146.00 SqFt 4719.00 SqFt Area: 54.00 Ft 97.00 SqFt			
Sample Number: 01 Sample Comments: 48 L & T CR 52 RAVELING 57 WEATHERING Sample Number: 02 Sample Comments: 48 L & T CR 52 RAVELING	L L L Type: R	114.00 Ft 146.00 SqFt 4719.00 SqFt Area: 54.00 Ft			
Sample Number: 01 Sample Comments: 48 L & T CR 52 RAVELING 57 WEATHERING Sample Number: 02 Sample Comments: 48 L & T CR 52 RAVELING 57 WEATHERING	L L L Type: R	114.00 Ft 146.00 SqFt 4719.00 SqFt Area: 54.00 Ft 97.00 SqFt			
Sample Number: 01 Sample Comments: 48 L & T CR 52 RAVELING 57 WEATHERING Sample Number: 02 Sample Comments: 48 L & T CR 52 RAVELING 57 WEATHERING 58 RAVELING 59 WEATHERING Sample Number: 04	L L L Type: R	114.00 Ft 146.00 SqFt 4719.00 SqFt Area: 54.00 Ft 97.00 SqFt 4768.00 SqFt	4865.00 SqFt	PCI: 85	
Sample Number: 01 Sample Comments: 48 L & T CR 52 RAVELING 57 WEATHERING Sample Number: 02 Sample Comments: 48 L & T CR 52 RAVELING	L L L Type: R	114.00 Ft 146.00 SqFt 4719.00 SqFt Area: 54.00 Ft 97.00 SqFt 4768.00 SqFt	4865.00 SqFt	PCI: 85	
Sample Number: 01 Sample Comments: 48 L & T CR 52 RAVELING 57 WEATHERING Sample Number: 02 Sample Comments: 48 L & T CR 52 RAVELING 57 WEATHERING Sample Number: 04 Sample Number: 04	L L L Type: R	114.00 Ft 146.00 SqFt 4719.00 SqFt Area: 54.00 Ft 97.00 SqFt 4768.00 SqFt Area:	4865.00 SqFt	PCI: 85	

Network: M46		Name:	Colstrip Airport		
Branch: TW	Name:	Taxiway	Use: Ta	AXIWAY Are	68,734 SqFt
Section: 03	of 3	rom: T-1		To: A-1&HANGA	RS Last Const.: 11/2/201
Surface: AC Fa	amily: DEFAULT	Zone:		Category:	Rank: P
Area: 21,834 S	SqFt Length:	760 Ft	Width:	25 Ft	
Slabs:	Slab Length:	Ft Slab	Width:	Ft	Joint Length: Ft
Shoulder:	Street Type:	Grad	le: 0		Lanes: 0
Section Comments:					
Work Date: 11/2/2015	Work Type: New	Construction - AC	Code:	NC-AC	Is Major M&R: True
Work Date: 1/1/2020	Work Type: Crack	Sealing - AC	Code:	CS-AC	Is Major M&R: False
Work Date: 1/1/2020	Work Type: Surfa	ce Seal	Code:	SS-LO	Is Major M&R: False
Last Insp. Date: 8/16/2021	TotalSa	imples: 5	Surveyed:	3	
Conditions: PCI: 92					
Inspection Comments:					
Sample Number: 01	Type: R	Area:	4480.00 SqFt	PCI: 94	
Sample Comments:					
57 WEATHERING	L	4480.00 SqFt			
Sample Number: 03	Type: R	Area:	5880.00 SqFt	PCI: 89	
Sample Comments:					
48 L & T CR	L	84.00 Ft			
57 WEATHERING	L	5880.00 SqFt			
Sample Number: 05	Type: R	Area:	5880.00 SqFt	PCI: 94	

57

WEATHERING

L 5880.00 SqFt