





AIP-002-2005, ALL NEW CONSTRUCTION: CONSTRUCT RUNWAY 10/28 (RW10:01), TAXIWAYS (TW:01), AND APRON (AP:01).
 AIP-005-2011, CRACK SEAL, FOG SEAL, AND REMARK ALL PAVEMENTS.

AIRFIELD PAVEMENT WORK HISTORY

CURRENT 2021 PAVEMENT CONDITION INDEX

16.3

16.3

16.3

Surface

AC

AC

AC

99,855

330,000

45,500

Apron

Runway 10-28

Taxiway

RW10

TW

01

01

Section Approx. Age Last Major Last Inspection Pavement PCI
Area (SF) at Inspection Work Date Date Condition Index

8/16/2021

8/16/2021

8/16/2021

Satisfactory

Satisfactory

Satisfactory

80

82

8/1/2005

8/1/2005

8/1/2005

- 3. AIP-006-2016, CRACK SEAL, FOG SEAL, AND REMARK ALL PAVEMENTS.

LEGEND

- BRANCH IDENTIFIER RW01:10 - SECTION IDENTIFIER ---- SECTION BOUNDARY PCI 86-100 GOOD PCI 71-85 SATISFACTORY PCI 56-70 FAIR PCI 41-55 POOR PCI 26-40 VERY POOR

> PCI 11-25 SERIOUS PCI 0-10 FAILED

MONTANA AVIATION SYSTEM PLAN 2021 PAVEMENT CONDITION INDEXES





Pavement Condition Index Map 00F - BROADUS AIRPORT

Runway



RW10-01-46: L&T Cracking



RW10-01-66: Raveling



Taxiway



TW01-02: Weathering



TW01-07: L&T Cracking



<u>Apron</u>



AP01-06: L&T Cracking



AP01-14: Raveling



MDT SASP 2021

Generated Date 12/16/2021 Page 1 of 4

Network: 00F		Name:	Broadus Airport		
Branch: AP	Name:	Apron	Use:	APRON A	rea: 99,855 SqFt
Section: 01	of 1	From: ENTIRE AP	RON	To: OFF T-1	Last Const.: 8/1/2005
Surface: AC	Family: DEFAULT	Zone:	BROA	Category: D	Rank: P
Area: 99,855	SqFt Length:	268 Ft	Width:	360 Ft	
Slabs:	Slab Length:	Ft Slat	Width:	Ft	Joint Length: Ft
Shoulder:	Street Type: ACN	Gra	ide: 0		Lanes: 0
Section Comments:					
Work Date: 8/1/2005	Work Type: New	Construction - Initial	Cod	le: NU-IN	Is Major M&R: True
Work Date: 7/1/2011	Work Type: Surfa	ce Seal	Cod	le: SS-LO	Is Major M&R: False
Work Date: 7/1/2011	Work Type: Crack	Sealing - AC	Cod	le: CS-AC	Is Major M&R: False
Work Date: 7/1/2016	Work Type: Surfa	ce Seal	Cod	le: SS-LO	Is Major M&R: False
Work Date: 7/1/2016	Work Type: Crack	Sealing - AC	Cod	le: CS-AC	Is Major M&R: False
Last Insp. Date: 8/16/2021	TotalSa	amples: 20	Surveyed:	6	
Conditions: PCI: 83					
Inspection Comments:					
Sample Number: 01	Type: R	Area:	4858.00 SqFt	PCI: 89	
Sample Comments:					
48 L & T CR	L	42.00 Ft			
57 WEATHERING	L	4858.00 SqFt			
Sample Number: 05	Type: R	Area:	4858.00 SqFt	PCI: 80	
Sample Comments:					
48 L & T CR	L	75.00 Ft			
52 RAVELING57 WEATHERING	L L	486.00 SqFt 4372.00 SqFt			
Sample Number: 06	Type: R	Area:	4858.00 SqFt	PCI: 80	
Sample Comments:	-JP**			2 22. 00	
48 L & T CR	Ī	46.00 Ft			
52 RAVELING	L L	486.00 Ft 486.00 SqFt			
57 WEATHERING	L	4372.00 SqFt			
Sample Number: 12	Type: R	Area:	4858.00 SqFt	PCI: 85	
Sample Comments:					
52 RAVELING	L	486.00 SqFt			
57 WEATHERING	L	4372.00 SqFt			
Sample Number: 14 Sample Comments:	Type: R	Area:	4858.00 SqFt	PCI: 83	
_	T	711.00 8-5			
52 RAVELING57 WEATHERING	L L	711.00 SqFt 4147.00 SqFt			
Sample Number: 18	Type: R	Area:	4858.00 SqFt	PCI: 77	
Sample Comments:			-		
48 L & T CR	L	12.00 Ft			
52 RAVELING	L	1086.00 SqFt			
57 WEATHERING	L	3772.00 SqFt			

Netwo	ork: 00F					Nan	ne•	Broadus A	irnort		
Branc				Name:	Piinii	ay 10-28				UNWAY	Area: 330,000 SqFt
			C 1	rame:					USC. K		
Section			f 1	CATITO	From:		2+00 RWY				. 56+00 RWY 10/28
Surfac		Family:	DEI	FAULT		Zon		OA		Category:	
Area:		30,000 SqFt		Length		4,400 F		Widt	h:	75 F	
Slabs:		Slab Ler	_		Ft		Slab Wid			Ft	Joint Length: Ft
Should	der:	Street T	ype:	ACR			Grade:	0			Lanes: 0
Section	n Comments:										
Work	Date: 8/1/2005	W	ork T	ype: Ne	ew Constructi	on - Init	ial		Code:	NU-IN	Is Major M&R: True
Work	Date: 7/1/2011	W	ork T	ype: Su	rface Seal				Code:	SS-LO	Is Major M&R: False
Work	Date: 7/1/2011	W	ork T	ype: Cr	ack Sealing -	AC			Code:	CS-AC	Is Major M&R: False
Work	Date: 7/1/2016	W	ork T	ype: Su	rface Seal				Code:	SS-LO	Is Major M&R: False
Work	Date: 7/1/2016	W	ork T	ype: Cr	ack Sealing -	AC			Code:	CS-AC	Is Major M&R: False
Last I	nsp. Date: 8/16	5/2021		Tota	lSamples:	68		Sı	irveyed:	7	
Condi	tions: PCI:	80									
Inspec	ction Comments:										
Sampl	le Number: 02	Tyj	pe:	R		Area:		4875.00 Sc	ıFt	PCI:	81
_	le Comments:										
_			T	Г	27.00	E+					
48 52	L & T CR RAVELING			L L	27.00 488.00						
57	WEATHERING	i		L	4387.00	-					
Sampl	le Number: 12	Туј	pe:	R		Area:		4875.00 Sc	ıFt	PCI:	75
_	le Comments:										
_				Г	100.00	E+					
48 48	L & T CR L & T CR			L M	100.00 30.00						
52	RAVELING			L	488.00						
57	WEATHERING	÷		L	4387.00						
Sampl	le Number: 24	Tyj	pe:	R		Area:		4875.00 Sc	_l Ft	PCI:	80
Sampl	le Comments:										
48	L & T CR		Ī	L	112.00	Ft					
52	RAVELING			L	488.00						
57	WEATHERING	ŧ		L	4387.00						
Sampl	le Number: 35	Tyj	pe:	R		Area:		4875.00 Sc	_l Ft	PCI:	80
Sampl	le Comments:										
48	L & T CR		т	L	72.00	Et					
40 52	RAVELING			L	488.00						
57	WEATHERING	ì		L	4387.00						
Sampl	le Number: 46	Tyl	pe:	R		Area:		4875.00 Sc	_l Ft	PCI:	80
Sampl	le Comments:										
48	L & T CR		I	L	65.00	Ft					
52	RAVELING		I	L	488.00	SqFt					
57	WEATHERING			L	4387.00						
Sampl	le Number: 57	Туј	pe:	R		Area:		4875.00 Sc	ĮFt	PCI:	80
Sampl	le Comments:										
48	L & T CR		I	L	65.00	Ft					
52	RAVELING		I	L	488.00	SqFt					
57	WEATHERING	Ť	I	L	4387.00						
_	le Number: 66	Туј	pe:	R		Area:		4875.00 Sc	_l Ft	PCI:	81
Sampl	le Comments:										
48	L & T CR			L	25.00						
52	RAVELING		I	L	488.00	SaFt					

							Nam	т. В	roadus Air							
Branc	ch: TW				Name:	Tax	iway		Į	Jse: TA	AXIWA	Υ	Area:		45,500 SqFt	
Sectio	on: 01		of	1		From:	NORTH 12-28	H END & SO	OUTH ENI	O RWY	To:	SOUT	HWEST CO	ORNER A-1	Last Const.:	8/1/2003
Surfa	ce: AC		Family:	DEF	AULT		Zon	e: BRC	PΑ		Categ	ory: D	1		Rank: P	
Area:	:	45,50	0 SqFt		Length	:	1,300 F	`t	Width	:		35 Ft				
Slabs	:		Slab Leng	th:		I	₹t	Slab Widtl	h:		Ft		Jo	int Length:	I	₹t
Shoul	lder:		Street Typ	e:	ACR			Grade:	0				La	nes: 0		
Section	on Comments	:														
Work	Date: 8/1/20	005	Wo	rk T	ype: Ne	w Construc	ction - Init	ial		Code:	NU-I	N		Is Major	M&R: True	
Work	Date: 7/1/20)11	Wo	rk T	ype: Su	face Seal				Code:	SS-L	О		Is Major	M&R: False	
Work	Date: 7/1/20	011	Wo	rk T	ype: Cra	ick Sealing	g - AC			Code:	CS-A	.C		Is Major	M&R: False	
Work	Date: 7/1/20	016	Wo	rk T	ype: Su	face Seal				Code:	SS-L	0		Is Major	M&R: False	
Work	Date: 7/1/20)16	Wo	rk T	ype: Cra	ick Sealing	g - AC			Code:	CS-A	.C		Is Major	M&R: False	
	itions: PC ction Comme															
Samp	le Number:	02	Туре	:	R		Area:	30	684.00 Sql	₹t	P	CI:	31			
_	le Number: le Comments		Туре	:	R		Area:	30	684.00 Sql	Ft	P	PCI:	31			
Samp	le Comments		Туре			22.0		30	584.00 Sql	₹t	P	PCI:	31			
Samp	le Comments L & T CR RAVELINC	: }	Туре	L L		368.0	00 Ft 00 SqFt	30	584.00 Sql	₹t	P	PCI:	31			
Samp 48 52	le Comments	: }	Турс	L		368.0	00 Ft				F	PCI:	81			
Samp 48 52 57 Samp	le Comments L & T CR RAVELING WEATHER lle Number:	i ING 04	Турс	I I L		368.0	00 Ft 00 SqFt		684.00 Sql			PCI:				
Samp 48 52 57 Samp	le Comments L & T CR RAVELINC WEATHER	i ING 04		I I L		368.0	00 Ft 00 SqFt 00 SqFt									
Samp 48 52 57 Samp	L & T CR RAVELING WEATHER lle Number: lle Comments L & T CR	: ING 04 :		I I L	R	368.0 3316.0	00 Ft 00 SqFt 00 SqFt Area:									
Samp 48 52 57 Samp Samp 48 52	L & T CR RAVELING WEATHER Ile Number: Ile Comments L & T CR RAVELING	: ING 04 :		: :: ::	R	368.0 3316.0 60.0 466.0	00 Ft 00 SqFt 00 SqFt Area: 00 Ft 00 SqFt									
Samp 48 52 57 Samp Samp 48 52 57	L & T CR RAVELING WEATHER le Number: le Comments L & T CR RAVELING WEATHER	: ING 04 : ING	Турс	I I I I I	R	368.0 3316.0 60.0 466.0	00 Ft 00 SqFt 00 SqFt Area: 00 Ft 00 SqFt 00 SqFt	40	656.00 Sql	₹t	F	PCI:	80			
Samp 48 52 57 Samp Samp 48 52 57 Samp	L & T CR RAVELING WEATHER Ile Number: L & T CR RAVELING WEATHER	: inG 04 : iNG 07		I I I I I	R	368.0 3316.0 60.0 466.0	00 Ft 00 SqFt 00 SqFt Area: 00 Ft 00 SqFt	40		₹t	F		80			
Samp 48 52 57 Samp Samp 48 52 57 Samp	L & T CR RAVELING WEATHER le Number: le Comments L & T CR RAVELING WEATHER	: inG 04 : iNG 07	Турс	I I I I I	R	368.0 3316.0 60.0 466.0	00 Ft 00 SqFt 00 SqFt Area: 00 Ft 00 SqFt 00 SqFt	40	656.00 Sql	₹t	F	PCI:	80			
Samp 48 52 57 Samp Samp 48 52 57 Samp 48 52 57 Samp Samp	L & T CR RAVELING WEATHER Ile Number: Ile Comments L & T CR RAVELING WEATHER Ile Number: Ile Comments L & T CR	: ING 04 : ING 07 : :	Турс	I I I I I I I I I I I I I I I I I I I	R	368.0 3316.0 60.0 466.0 4190.0	00 Ft 00 SqFt 00 SqFt Area: 00 Ft 00 SqFt 00 SqFt 00 SqFt Area:	40	656.00 Sql	₹t	F	PCI:	80			
Samp 48 52 57 Samp Samp 48 52 57 Samp 48 52 Samp 48 52 Samp	L & T CR RAVELING WEATHER Ile Number: Ile Comments L & T CR RAVELING WEATHER Ile Number: Ile Comments L & T CR RAVELING RAVELING	: inG 04 : inG 07 :	Турс		R	368.0 3316.0 60.0 466.0 4190.0	00 Ft 00 SqFt 00 SqFt Area: 00 Ft 00 SqFt 00 SqFt 00 SqFt 00 SqFt 00 SqFt	40	656.00 Sql	₹t	F	PCI:	80			
Samp 48 52 57 Samp Samp 48 52 57 Samp Samp 48 52 57 Samp 52 57	L & T CR RAVELINC WEATHER Ile Number: Ile Comments L & T CR RAVELINC WEATHER Ile Number: Ile Comments L & T CR RAVELINC WEATHER L & T CR RAVELINC WEATHER	: ing 04 : ing 07 : ing	Турс	I	R	368.0 3316.0 60.0 466.0 4190.0	00 Ft 00 SqFt 00 SqFt Area: 00 Ft 00 SqFt 00 SqFt 00 SqFt 00 SqFt 00 SqFt	30	656.00 Sql 045.00 Sql	₽t ₽t	F	PCI:	80			
\$\frac{48}{52}\$ \$\frac{57}{57}\$ \$\frac{8amp}{8amp}\$ \$48 \$52 \$57 \$\frac{57}{8amp}\$ \$\frac{8amp}{52}\$ \$\frac{57}{57}\$ \$\frac{8amp}{52}\$ \$\frac{57}{57}\$ \$\frac{8amp}{8amp}\$	L & T CR RAVELING WEATHER Ile Number: Ile Comments L & T CR RAVELING WEATHER Ile Number: Ile Comments L & T CR RAVELING WEATHER Ile Number: Ile Comments L & T CR RAVELING WEATHER	: inG 04 : inG 07 : inG 10	Турс	I	R	368.0 3316.0 60.0 466.0 4190.0	00 Ft 00 SqFt 00 SqFt Area: 00 Ft 00 SqFt 00 SqFt 00 SqFt 00 SqFt 00 SqFt	30	656.00 Sql	₽t ₽t	F	PCI:	80			
\$\frac{48}{52}\$ \$\frac{57}{57}\$ \$\frac{8amp}{8amp}\$ \$\frac{48}{52}\$ \$\frac{57}{57}\$ \$\frac{8amp}{8amp}\$ \$\frac{48}{52}\$ \$\frac{57}{57}\$ \$\frac{8amp}{8amp}\$ \$\frac{8mp}{8amp}\$ \$\frac{8mp}{8amp}\$	L & T CR RAVELING WEATHER Ile Number: Ile Comments L & T CR RAVELING WEATHER Ile Number: Ile Comments L & T CR RAVELING WEATHER Ile Number:	: indicate in the content of the con	Турс		R R R	368.0 3316.0 60.0 466.0 4190.0 24.0 304.0 2741.0	00 Ft 00 SqFt Area: 00 Ft 00 SqFt Area: 00 Ft 00 SqFt Area: 00 Ft 00 SqFt Area:	30	656.00 Sql 045.00 Sql	₽t ₽t	F	PCI:	80			
\$\frac{48}{52}\$ \$\frac{57}{57}\$ \$\frac{8amp}{8amp}\$ \$48 \$52 \$57 \$\frac{57}{8amp}\$ \$\frac{8amp}{52}\$ \$\frac{57}{57}\$ \$\frac{8amp}{8amp}\$ \$52 \$57 \$\frac{57}{52}\$ \$\frac{52}{57}\$ \$\frac{52}{57}	L & T CR RAVELING WEATHER Ile Number: Ile Comments L & T CR RAVELING WEATHER Ile Number: Ile Comments L & T CR RAVELING WEATHER Ile Number: Ile Comments	: indicate in the state of the	Турс		R	368.0 3316.0 60.0 466.0 4190.0 24.0 2741.0	00 Ft 00 SqFt Area: 00 Ft 00 SqFt 00 SqFt 00 SqFt Area: 00 Ft 00 SqFt Area:	30	656.00 Sql 045.00 Sql	₽t ₽t	F	PCI:	80			
\$\frac{48}{52}\$ \$\frac{57}{57}\$ \$\frac{8amp}{8amp}\$ \$\frac{48}{52}\$ \$\frac{57}{57}\$ \$\frac{8amp}{8amp}\$ \$\frac{48}{52}\$ \$\frac{57}{57}\$ \$\frac{8amp}{8amp}\$ \$\frac{52}{57}\$ \$\frac{57}{53mp}\$ \$\frac{52}{57}\$	L & T CR RAVELING WEATHER Ile Number: Ile Comments L & T CR RAVELING WEATHER Ile Number: Ile Comments L & T CR RAVELING WEATHER Ile Number:	: ing 04 : ing 07 : ing 10 : ing ing	Турс		R	368.0 3316.0 60.0 466.0 4190.0 24.0 2741.0	00 Ft 00 SqFt Area: 00 Ft 00 SqFt Area: 00 Ft 00 SqFt Area: 00 Ft 00 SqFt Area:	31	656.00 Sql 045.00 Sql	₹t ₹t	F P	PCI:	80			
Samp 48 52 57 Samp Samp 48 52 57 Samp Samp Samp 48 52 57 Samp Samp 52 57 Samp	L & T CR RAVELING WEATHER Ile Number: Ile Comments L & T CR RAVELING WEATHER Ile Number: Ile Comments L & T CR RAVELING WEATHER Ile Number: Ile Comments RAVELING WEATHER	: ing 04 : ing 07 : ing 10 : ing 112	Турс		R	368.0 3316.0 60.0 466.0 4190.0 24.0 2741.0	00 Ft 00 SqFt 00 SqFt Area: 00 Ft 00 SqFt 00 SqFt Area: 00 Ft 00 SqFt Area:	31	045.00 Sql	₹t ₹t	F P	PCI:	80			
\$\samp\$ \$\frac{48}{52}\$ \$\frac{57}{57}\$ \$\samp\$ \$\samp\$ \$\frac{8mp}{52}\$ \$\frac{57}{57}\$ \$\samp\$ \$\samp\$ \$\frac{8mp}{52}\$ \$\frac{57}{57}\$ \$\samp\$ \$\samp\$ \$\frac{8mp}{52}\$ \$\frac{57}{57}\$ \$\samp\$	L & T CR RAVELINC WEATHER Ile Number: Ile Comments L & T CR RAVELINC WEATHER Ile Number: Ile Comments L & T CR RAVELINC WEATHER Ile Number: Ile Comments RAVELINC WEATHER Ile Number: Ile Comments RAVELINC WEATHER	: in	Турс		R R R	368.0 3316.0 60.0 466.0 4190.0 24.0 304.0 2741.0	00 Ft 00 SqFt 00 SqFt Area: 00 Ft 00 SqFt 00 SqFt Area: 00 Ft 00 SqFt Area:	31	045.00 Sql	₹t ₹t	F P	PCI:	80			