



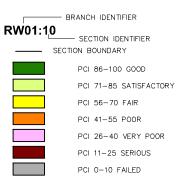
- 1.
- AIP-002-1998, ALL NEW CONSTRUCTION. AIP-003-2002, CONSTRUCT PARALLEL TAXIWAY A (TW:13). 2.
- 3. AIP-004-2004, CRACK SEAL, FOG SEAL, AND REMARK ALL PAVEMENTS.
- 4. AIP-008-2010, CRACK SEAL, FOG SEAL, AND REMARK ALL PAVEMENTS.
- 6. AIP-2019, CRACK SEAL, FOG SEAL, AND REMARK ALL PAVEMENTS.



8>

RW10:11

3814, x 75,



Pavement Condition Index Map 6S3 - WOLTERMANN MEMORIAL

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

TW:11



TW:12

TW:11

AP:11

TW:13-

10

TW:14

(COLUMBUS) AIRPORT

CURRENT 2021 PAVEMENT CONDITION INDEX

ction a (SF)	Approx. Age at Inspection	Last Major Work Date	Last Inspection Date	Pavement Condition Index	PCI Category
,488	3	10/31/2018	8/16/2021	97	Good
5,000	3	10/31/2018	8/16/2021	100	Good
,575	3	10/31/2018	8/16/2021	97	Good
,175	3	10/31/2018	8/16/2021	100	Good
,275	3	10/31/2018	8/16/2021	98	Good
750	3	10/31/2018	8/16/2021	100	Good

AIRFIELD PAVEMENT WORK HISTORY

5. AIP-013-2017, REHABILITATE RUNWAY, TAXIWAY AND APRON; RECONSTRUCT TAXIWAY

Montana State Aviation System Plan — 2021 PCI Update

Inspection Photos

<u>Runway</u>



RW10-01-22: Overview



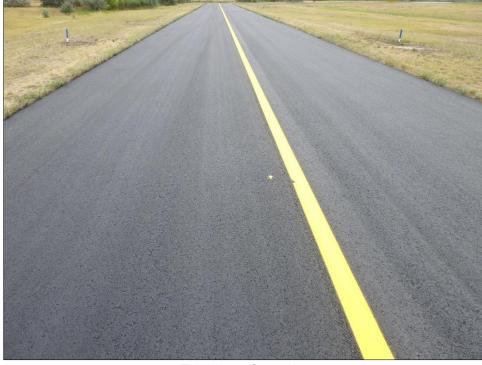
RW10-01-40: Overview



Montana State Aviation System Plan – 2021 PCI Update

Inspection Photos

<u>Taxiway</u>



TW11-05: Overview



TW11-17: L&T Cracking



Montana State Aviation System Plan — 2021 PCI Update

Inspection Photos

<u>Apron</u>



AP11-07: L&T Cracking



AP11-09: Overview



Re-Inspection Report

Network:	6S3					Nam	e: Wolt	ermann Mei	morial (Colu	umbus	Airport					
Branch:	AP			Name:	Apron			Use:	APRON	-	Are		70	9,488 5	SaFt	
	11		of 1			Т-3				HAN					-	10/31/2018
	AAC	Famil		EFAULT	FIUII.	Zone	•		Categ		UARS			Rank		10/31/2010
Area:	nine -	79,488 SqFt	•	Length:		368 Ft		Width:	-	216 Ft				Rank	• 1	
Slabs:		-	Length	0	Ft		Slab Width:		Ft			Joint Le	ngth:		Ft	
Shoulder:			et Type:				Grade: 0					Lanes:	0			
Section Co	mments:															
Work Date	e: 7/1/201	8	Work	Type: AC-	· Mill and Ov	verlay		C	ode: AC-	MO		Is M	ajor M	&R: 1	Гrue	
Work Date	e: 10/31/20	018	Work	Type: New	v Constructio	on - Initia	al	C	ode: NU-	IN		Is M	ajor M	&R: 1	Гrue	
Work Date	e: 1/1/2019	9	Work	Type: Surf	face Seal			C	ode: SS-I	.0		Is M	ajor M	&R: I	False	
Last Insp.	Date: 8/1	16/2021		Totals	Samples:	16		Survey	ed: 5							
Conditions		16/2021 97		Totals	Samples:	16		Surveye	ed: 5							
Conditions	: PCI:	97		TotalS	Samples:	16		Surveye	e d: 5							
Conditions Inspection	: PCI: Comment	97 ts:	Туре:	Totals	-	16 	4968.	Surveyo		PCI:	95					
Conditions Inspection Sample Nu	: PCI: Comment umber: 0	97 ts:	Туре:		-		4968.			PCI:	95					
Conditions Inspection Sample Nu Sample Co	: PCI: Comment umber: 0	97 ts:	Туре:		-	rea:	4968.			PCI:	95					
Conditions Inspection Sample Nu Sample Co 48 L &	E PCI: Comment Imber: 0 Imments: T CR	97 ts: 3	Туре:	R	A 46.00	rea:				PCI: PCI:						
Conditions Inspection Sample Nu Sample Co 48 L & Sample Nu	Comment Comment mber: 0 mments: TCR mber: 0	97 ts: 3		R	A 46.00	rea: Ft		.00 SqFt								
Conditions Inspection Sample Nu Sample Co 48 L & Sample Nu Sample Co	Comment Comment mber: 0 mments: TCR mber: 0	97 ts: 3		R	A 46.00	Ft rea:		.00 SqFt								
Conditions Inspection Sample Nu Sample Co 48 L & Sample Nu Sample Co 48 L &	E PCI: Comment mber: 0 mments: T CR mber: 0 mments: T CR	97 is: 3 7		R L R	- A 46.00 A 46.00	Ft rea:	4968.	.00 SqFt			95					
Conditions Inspection Sample Nu Sample Co 48 L & Sample Nu Sample Co	E PCI: Comments mber: 0 omments: TCR mber: 0 omments: TCR mber: 0	97 is: 3 7	Туре:	R L R L	- A 46.00 A 46.00	rea: Ft rea: Ft	4968.	.00 SqFt .00 SqFt		PCI:	95					
Conditions Inspection Sample Nu Sample Co 48 L & Sample Nu Sample Co 48 L & Sample Nu Sample Co	E PCI: Comments mber: 0 omments: TCR mber: 0 omments: TCR mber: 0	97 is: 3 7	Туре:	R L R L	- A 46.00 A 46.00	Ft Ft Ft rea:	4968.	.00 SqFt .00 SqFt		PCI:	95					
Conditions Inspection Sample Nu Sample Co 48 L & Sample Nu Sample Nu Sample Nu Sample Nu Sample Co 48 L &	E PCI: Comment mber: 0 mments: T CR mber: 0 mments: T CR mber: 0 mments:	97 ts: 3 7 9	Туре:	R R R L R	46.00 A 46.00 A 63.00	Ft Ft Ft rea:	4968. 4968.	.00 SqFt .00 SqFt		PCI:	95 94					
Conditions Inspection Sample Nu Sample Co 48 L & Sample Nu Sample Co 48 L & Sample Co 48 L & Sample Co	E PCI: Comments mber: 0 mments: TCR mber: 0 mments: TCR mber: 0	97 ts: 3 7 9	Type:	R L R L R	46.00 A 46.00 A 63.00	Ft Ft Ft Ft Ft	4968. 4968.	00 SqFt 00 SqFt 00 SqFt		PCI: PCI:	95 94					
Conditions Inspection Sample Nu Sample Co 48 L & Sample Nu Sample Co 48 L & Sample Co 48 L & Sample Co 48 L &	E PCI: Comments mber: 0 mments: TCR mber: 0 mments: TCR mber: 0 omments: TCR mber: 1 mber: 1	97 ts: 3 7 9	Type:	R L R L R	46.00 A 46.00 A 63.00	Ft Ft Ft Ft Ft	4968. 4968.	00 SqFt 00 SqFt 00 SqFt		PCI: PCI:	95 94					
Conditions Inspection Sample Nu Sample Co 48 L & Sample Nu Sample Co 48 L & Sample Co 48 L & Sample Nu Sample Nu Sample Nu	E PCI: Comments mber: 0 mments: T CR mber: 0 mments: T CR mber: 1 mber: 1 mber: 1	97 is: 3 7 9 3	Type: Type: Type:	R L R L R	A 46.00 A 46.00 A 63.00 A	Ft Ft Ft Ft Ft	4968. 4968. 4762.	00 SqFt 00 SqFt 00 SqFt 00 SqFt		PCI: PCI:	95 94 100					
Conditions Inspection Sample Nu Sample Co 48 L & Sample Nu Sample Co 48 L & Sample Co 48 L & Sample Co 48 L &	: PCI: Comments mber: 0 omments: TCR mber: 0 omments: TCR mber: 1 omments: ss>	97 is: 3 7 9 3	Type:	R R L R L R	A 46.00 A 46.00 A 63.00 A	Ft Ft Ft Ft Ft rea:	4968. 4968. 4762.	00 SqFt 00 SqFt 00 SqFt		PCI: PCI: PCI:	95 94 100					

Network: 6S3			Name:	Woltermann M	femorial (Columbus) Ai	irport	
Branch: RW10	Na	ame: Runw	ay 10-28	Use	RUNWAY	Area: 2	85,000 SqFt
Section: 01	of 1	From:	STA 17+00		To: STA 55+	-00	Last Const.: 10/31/2018
Surface: AAC	Family: DEFA	ULT	Zone:	COLU	Category: D		Rank: P
Area: 285,000) SqFt L	ength:	3,800 Ft	Width:	75 Ft		
Slabs:	Slab Length:	Ft	Slab	Width:	Ft	Joint Length:	Ft
Shoulder:	Street Type: A	CM	Gra	de: 0		Lanes: 0	
Section Comments:							
Work Date: 8/1/1998	Work Typ	e: New Constructi	on - Initial		Code: NU-IN	Is Major N	M&R: True
Work Date: 7/1/2018	Work Typ	e: AC- Mill and O	verlay		Code: AC-MO	Is Major N	M&R: True
Work Date: 10/31/2018	Work Typ	e: Overlay-Aspha	lt		Code: OL-AC	Is Major N	M&R: True
Work Date: 1/1/2019	Work Typ	e: Surface Seal			Code: SS-LO	Is Major N	M&R: False
Last Insp. Date: 8/16/2021		TotalSamples:	58	Surve	eyed: 6		
Conditions: PCI: 100							
Inspection Comments:							
Sample Number: 06	Туре:	R .	Area:	4875.00 SqFt	PCI: 10	00	
Sample Comments:							
<no distress=""></no>							
Sample Number: 15	Туре:	R	Area:	4875.00 SqFt	PCI: 10	0	
Sample Comments:							
<no distress=""></no>							
Sample Number: 20	Туре:	R	Area:	4875.00 SqFt	PCI: 10	00	
Sample Comments:							
<no distress=""></no>							
Sample Number: 31	Туре:	R	Area:	4875.00 SqFt	PCI: 10	00	
Sample Comments:							
<no distress=""></no>							
Sample Number: 45	Туре:	R	Area:	4875.00 SqFt	PCI: 10	00	
Sample Comments:							
<no distress=""></no>							
Sample Number: 54	Туре:	R	Area:	4875.00 SqFt	PCI: 10	00	
Sample Comments:							

Network: 6S3			Name:	Wolter	mann Men	norial (Columbus) Airport		
Branch: TW	Na	ime: Taxiwa	ıy		Use:	TAXIWAY	Area:	142,775 SqFt	
Section: 11	of 4	From:	PARTIAL	PARALLEL		To: AND	TURNAROUNI	D Last Const.:	10/31/2018
Surface: AAC	Family: DEFA	ULT	Zone:	COLU		Category:	D	Rank: P	
Area: 76,57	'5 SqFt L	ength:	3,063 Ft	V	Vidth:	25 Ft			
Slabs:	Slab Length:	Ft	Sla	ab Width:		Ft	Joint	Length: F	t
Shoulder:	Street Type: A	CM	Gi	r ade: 0			Lanes	: 0	
Section Comments:									
Work Date: 8/1/1998	Work Typ	e: New Construction	n - Initial		C	ode: NU-IN	Is	Major M&R: True	
Work Date: 7/1/2018	Work Typ	e: AC- Mill and Ov	erlay		C	ode: AC-MO	Is	Major M&R: True	
Work Date: 10/31/2018	Work Typ	e: Overlay-Asphalt			C	ode: OL-AC	Is	Major M&R: True	
Work Date: 1/1/2019	Work Typ	e: Surface Seal			C	ode: SS-LO	Is	Major M&R: False	
Last Insp. Date: 8/16/2021	1	TotalSamples:	18		Surveye	d: 4			
Conditions: PCI: 96									
Inspection Comments:									
Sample Number: 01	Туре:	R A	rea:	3325.0	0 SqFt	PCI:	100		
Sample Comments:									
<no distress=""></no>									
Sample Number: 05	Туре:	R A	rea:	4625.0	0 SqFt	PCI:	100		
Sample Comments:									
<no distress=""></no>									
Sample Number: 14	Туре:	R A	rea:	5000.0	0 SqFt	PCI:	93		
Sample Comments:									
48 L & T CR	L	90.00	Ft						
Sample Number: 17	Туре:	R A	rea:	4320.0	0 SqFt	PCI:	94		
Sample Comments:									

Network:	683			Na	me: Wol	termann Mem	norial (Columbu	s) Airport			
Branch:	TW		Name:	Taxiway		Use:	TAXIWAY	Area:	142,7	75 SqFt	
Section:	12	0	f 4	From: T-1			To: HAN	IGARS	La	st Const.:	10/31/2018
Surface:	AAC	Family:	DEFAULT	Zo	ne: COLU		Category:	D	R	ank: P	
Area:		16,175 SqFt	Length:	732	Ft	Width:	20 F	t			
Slabs:		Slab Len	igth:	Ft	Slab Width:		Ft	Joi	int Length:	F	t
Shoulder:		Street Ty	ype: ACM		Grade: 0			La	nes: 0		
Section Co	omments:										
Work Date	e: 8/1/1998	W	ork Type: New	Construction - In	itial	Co	ode: NU-IN		Is Major M&F	R: True	
Work Date	e: 7/1/2018	W	ork Type: AC-	Mill and Overlay		Co	ode: AC-MO		Is Major M&F	R: True	
Work Date	e: 10/31/20	18 W	ork Type: Over	rlay - Asphalt		Co	ode: OL-AC		Is Major M&F	R: True	
Work Date	e: 1/1/2019	W	ork Type: Surf	ace Seal		Co	ode: SS-LO		Is Major M&F	R: False	
Last Insp.	Date: 8/1	6/2021	TotalS	amples: 3		Surveyed	d: 3				
Conditions	s: PCI:	100									
Inspection	Comments	:									
Sample Nu	imber: 01	Тур	e: R	Area:	5392	2.00 SqFt	PCI:	100			
Sample Co	omments:										
<no distres<="" td=""><td>ss></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></no>	ss>										
Sample Nu	mber: 02	Туг	be: R	Area:	5392	2.00 SqFt	PCI:	100			
Sample Co	omments:										
<no distres<="" td=""><td>ss></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></no>	ss>										
Sample Nu	mber: 03	Тур	e: R	Area:	5391	.00 SqFt	PCI:	100			
Sample Co	omments:										
AL D'											

Network: 6S3			Name	e: Wolt	termann Mer	norial (Columbus)	Airport			
Branch: TW	Ν	ame: T	axiway		Use:	TAXIWAY	Area:	142,775	SqFt	
Section: 13	of 4	From:	R-1			To: A-1		Last	Const.:	10/31/2018
Surface: AAC	Family: DEFA	ULT	Zone	: COLU		Category: 1	D	Rank	: P	
Area: 45,27	5 SqFt I	Length:	1,811 Ft		Width:	25 Ft				
Slabs:	Slab Length:		Ft	Slab Width:		Ft	Joi	int Length:	Ft	
Shoulder:	Street Type: A	АСМ		Grade: 0			La	nes: 0		
Section Comments:										
Work Date: 8/1/2001	Work Typ	e: New Const	ruction - Initia	ıl	С	ode: NU-IN		Is Major M&R:	True	
Work Date: 7/1/2018	Work Typ	be: AC- Mill a	nd Overlay		С	ode: AC-MO		Is Major M&R:	True	
Work Date: 10/31/2018	Work Typ	e: Overlay-As	sphalt		С	ode: OL-AC		Is Major M&R:	True	
Work Date: 1/1/2019	Work Typ	e: Surface Sea	al		С	ode: SS-LO		Is Major M&R:	False	
Last Insp. Date: 8/16/2021		TotalSample	es: 9		Surveye	d: 4				
Conditions: PCI: 98										
Inspection Comments:										
Sample Number: 02	Туре:	R	Area:	4625	.00 SqFt	PCI:	97			
Sample Comments:										
48 L & T CR	L		6.00 Ft							
Sample Number: 05	Туре:	R	Area:	4625	.00 SqFt	PCI:	100			
Sample Comments:										
<no distress=""></no>										
Sample Number: 07	Type:	R	Area:	4625	.00 SqFt	PCI:	100			
Sample Comments:										
<no distress=""></no>										
Sample Number: 09	Туре:	R	Area:	4625	.00 SqFt	PCI:	96			
Sample Comments:										
48 L & T CR	L	1	7.00 Ft							

Network: 6S3			Nan	ne: Wo	ltermann Mem	orial (Columbus)	Airport	
Branch: TW		Name:	Taxiway		Use:	TAXIWAY	Area:	142,775 SqFt
Section: 14	of 4	Fron	n: -			To: -		Last Const.: 7/1/2018
Surface: AC	Family: DE	FAULT	Zon	e:		Category:		Rank: P
Area:	4,750 SqFt	Length:	190 H	ft	Width:	25 Ft		
Slabs:	Slab Length:		Ft	Slab Width:		Ft	Joint L	ength: Ft
Shoulder:	Street Type:			Grade: 0			Lanes:	0
Section Comments:								
Work Date: 7/1/201	8 Work 7	ype: New Con	struction - AC		Co	de: NC-AC	Is N	Major M&R: True
Work Date: 1/1/201	9 Work	Type: Surface S	eal		Со	de: SS-LO	Is N	Major M&R: False
Last Insp. Date: 8/	16/2021	TotalSamp	les: 2		Surveyed	l: 1		
Conditions: PCI:	100							
Inspection Commen	ts:							
Sample Number: 1	2 Type:	R	Area:	237:	5.00 SqFt	PCI:	100	
Sample Comments:								