

#### **CURRENT 2024 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
RW13	01	Runway 13-31	AC	348,750	18.3	8/1/2006	10/2/2024	85	Satisfactory
TW	01	Taxiway	AC	47,775	18.3	8/1/2006	10/2/2024	79	Satisfactory
TW	02	Taxiway	AC	27,540	18.3	8/1/2006	10/2/2024	83	Satisfactory
AP	01	Apron	AC	141,750	18.3	8/1/2006	10/2/2024	71	Satisfactory

#### AIRFIELD PAVEMENT WORK HISTORY

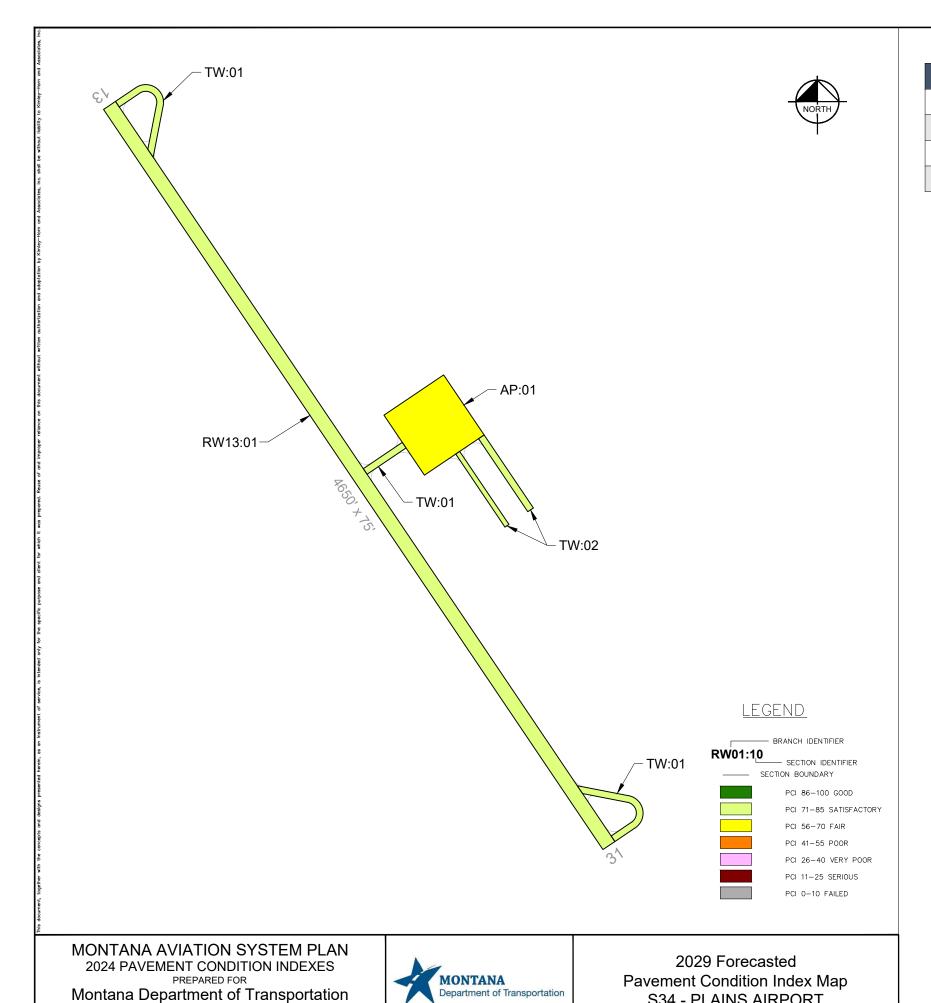
- AIP-005-2006, ALL NEW CONSTRUCTION
- 2. AIP-008-2011, CRACK SEAL, FOG SEAL, AND REMARK ALL PAVEMENTS.
- AIP-009-2016, CRACK SEAL, SURFACE SEAL AND REMARK ALL PAVEMENTS.
   AIP-011-2021, CRACK SEAL, SURFACE SEAL AND REMARK ALL PAVEMENTS [INSPECTED AFTER MAINTENANCE PROJECT].

MONTANA AVIATION SYSTEM PLAN 2024 PAVEMENT CONDITION INDEXES
PREPARED FOR Montana Department of Transportation

Division of Aeronautics



2024 Pavement Condition Index Map S34 - PLAINS AIRPORT

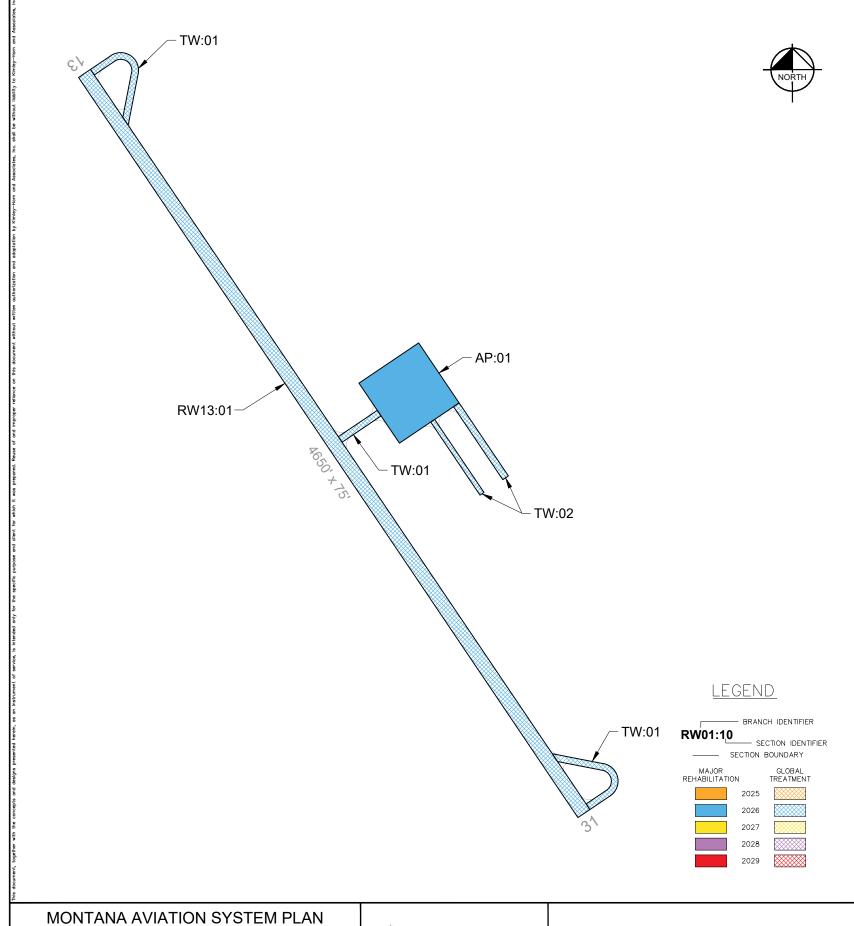


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S34 - PLAINS AIRPORT

### FORECASTED PAVEMENT CONDITION INDEX

Branch ID	Section ID	Surface Type	Current PCI (2024)	2025	2026	2027	2028	2029
RW13	01	AC	85	85	83	81	80	79
TW	01	AC	79	79	77	76	75	75
TW	02	AC	83	83	81	80	78	77
AP	01	AC	71	71	70	69	68	67



MONTANA AVIATION SYSTEM PLAN 2024 PAVEMENT CONDITION INDEXES PREPARED FOR

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5-Year Maintenance and Rehabilitation Map S34 - PLAINS AIRPORT

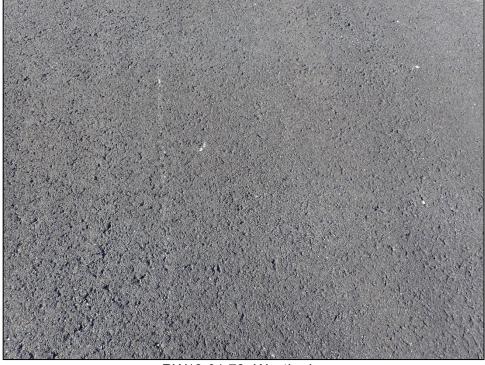
### 5-YEAR PAVEMENT NEEDS BY SECTION

Year	Branch ID	Section ID	Surface Type	Section Area (SF)	PCI at Treatment	Recommended Treatment	Treatment Category
2026	RW13	01	AC	348,750	83	Crack Seal and Seal Coat	Global Treatment
2026	TW	01	AC	47,775	77	Crack Seal and Seal Coat	Global Treatment
2026	TW	02	AC	27,540	81	Crack Seal and Seal Coat	Global Treatment
2026	AP	01	AC	141,750	70	Mill and Overlay	Major Rehabilitation

### **Runway**



RW13-01-21: L&T Cracking



RW13-01-73: Weathering



# **Taxiway**



TW-01-10: Overview



TW-02-04: L&T Cracking



## **Apron**



AP-01-05: L&T Cracking



AP-01-15: Overview



### **Re-Inspection Report**

MDT SASP 2024

Generated Date 1/24/2025 Page 1 of 4

Generated Date	1/24/2	2025							Page 1 of
Network: S34			Namo	e: Plair	ıs Airport				
Branch: AP	Na	ame: A	pron		Use:	APRON	Area:	141,750	SqFt
Section: 01	of 1	From:				<b>To:</b> T-1		Last	Const.: 8/1/2006
Surface: AC	Family: _MDT	2024 - AP AC	Zone	: PLNS		Category:	D	Ranl	<b>:</b> P
Area: 141,750	SqFt L	ength:	378 Ft		Width:	375 Ft			
Slabs:	Slab Length:		Ft	Slab Width:		Ft	J	Joint Length:	Ft
Shoulder:	Street Type: A	ACN		Grade: 0			I	Lanes: 0	
Section Comments:									
Work Date: 8/1/2006	Work Typ	e: New Const	ruction - Initia	ıl	Co	ode: NU-IN		Is Major M&R:	True
Work Date: 8/1/2021	Work Typ	e: Surface Sea	al		Co	ode: SS-LO		Is Major M&R:	False
Work Date: 8/1/2021	Work Typ	e: Crack Seal	ing - AC		Co	ode: CS-AC		Is Major M&R:	False
Last Insp. Date: 10/2/2024		TotalSample	es: 30		Surveye	<b>d:</b> 5			
Conditions: PCI: 71									
Inspection Comments:									
Sample Number: 05	Туре:	R	Area:	4725	.00 SqFt	PCI:	72		
Sample Comments:	••				•				
18 L & T CR	L		4.00 Ft						
18 L & T CR	M		8.00 Ft						
57 WEATHERING	L	236	2.00 SqFt						
Sample Number: 10	Type:	R	Area:	4725	.00 SqFt	PCI:	73		
Sample Comments:									
48 L & T CR	L	28	6.00 Ft						
48 L & T CR	M		6.00 Ft						
57 WEATHERING	L	236	2.00 SqFt						
Sample Number: 15	Type:	R	Area:	4725	.00 SqFt	PCI:	68		
Sample Comments:									
48 L & T CR	L	37	8.00 Ft						
48 L & T CR	M		8.00 Ft						
50 PATCHING	L	2	4.00 SqFt						
57 WEATHERING	L	235	0.00 SqFt						
Sample Number: 24	Type:	R	Area:	4725	.00 SqFt	PCI:	71		
Sample Comments:									
18 L & T CR	L		6.00 Ft						
48 L & T CR	M		2.00 Ft						
57 WEATHERING	L		2.00 SqFt						
Sample Number: 28	Type:	R	Area:	4725	.00 SqFt	PCI:	72		
Sample Comments:									
48 L & T CR	L	32	2.00 Ft						
48 L & T CR	M		1.00 Ft						
57 WEATHERING	L	236	2.00 SqFt						

Branch: RW	13		Name:	Runway	13-31		Use	. DI	JNWA'	Y	Area:	348,750 S	aFt	
	13	of 1				) DWW 12/		:. K						0/1/200
Section: 01 Surface: AC	1			- RW AC AAC		) RWY 13/3 PLNS	51			51A. 38- ory: D	+50 RWY 13/31	Rank:		8/1/200
Area:	348,750		Lengt		650 Ft	ILNS	Width:		_	75 Ft		Rank.	1	
Slabs:	340,730	Slab Length	_	Ft		b Width:	Width.		Ft	7511	Joint Len	oth:	F	t
Shoulder:		Street Type:				ade: 0					Lanes:	0	•	•
Section Comments	s:													
Work Date: 8/1/2	006	Work	Type: No	ew Construction	- Initial			Code:	NU-I	N	Is Ma	ijor M&R: T	rue	
Work Date: 8/1/2	021	Work	Type: Su	ırface Seal				Code:	SS-L	)	Is Ma	ijor M&R: F	alse	
Work Date: 8/1/2	021	Work	Type: Cr	ack Sealing - AG				Code:	CS-A	C	Is Ma	njor M&R: F	alse	
Last Insp. Date: Conditions: PC Inspection Commo	CI: 80		Tota	alSamples: 75			Surv	eyed:	7					
Sample Number:		Type:	R	Arc	ea:	4650	.00 SqFt		P	CI: 75				
Sample Comments							-							
48 L & T CR 48 L & T CR			L M	233.00 F 19.00 F	t									
57 WEATHER			L	2325.00 S		1.50	00 G E			GI 00				
Sample Number: Sample Comments		Type:	R	Arc	ea:	4650	.00 SqFt		r	CI: 82				
_	3.		т	194.00 F	<b>'</b>									
48 L & T CR 57 WEATHER	RING		L L	2325.00 S										
Sample Number:	32	Type:	R	Arc	ea:	4650	.00 SqFt		P	CI: 81				
Sample Comment	s:													
48 L & T CR 57 WEATHER	RING		L L	220.00 F 2325.00 S										
Sample Number:	43	Type:	R	Arc	ea:	4650	.00 SqFt		P	CI: 82				
Sample Comments	s:													
48 L & T CR			L	192.00 F										
57 WEATHER			L	2325.00 S										
Sample Number:		Type:	R	Arc	ea:	4650	.00 SqFt		P	CI: 82				
Sample Comment	s:													
48 L & T CR 57 WEATHER	PING		L L	206.00 F 2325.00 S										
Sample Number:		Type:	R	2323.00 S		4650	.00 SqFt		P	CI: 81				
Sample Comment		- J P***				.000	4		•	01				
48 L&TCR 57 WEATHER			L L	220.00 F 2325.00 S										
Sample Number:		Type:	R	2323.00 S		4650	.00 SqFt		P	CI: 78				
Sample Comments		-,, p		111		.000			•	,,,				
48 L&TCR			L	283.00 F	't									
48 L&TCR 57 WEATHER	PING		L	283.00 F 2325.00 S										

Network: S34		Name:	Plains Airport		
Branch: TW	Name:	Taxiway	Use	: TAXIWAY	<b>Area:</b> 75,315 SqFt
Section: 01	of 2	From: R-1 NORT	HWEST END	To: R-1 SOU	THEAST END Last Const.: 8/1/2006
Surface: AC Fa	mily: _MDT2024 -	TW AC Zone:	PLNS	Category: D	Rank: P
<b>Area:</b> 47,775 S	qFt Length:	1,365 Ft	Width:	35 Ft	
Slabs: S	lab Length:	Ft Sl	ab Width:	Ft	Joint Length: Ft
Shoulder: S	treet Type: ACR	G	rade: 0		Lanes: 0
Section Comments:					
Work Date: 8/1/2006	Work Type: Nev	Construction - Initial		Code: NU-IN	Is Major M&R: True
Work Date: 8/1/2021	Work Type: Surf	ace Seal		Code: SS-LO	Is Major M&R: False
Work Date: 8/1/2021	Work Type: Crac	ck Sealing - AC		Code: CS-AC	Is Major M&R: False
<b>Last Insp. Date:</b> 10/2/2024	Totals	Samples: 10	Surve	yed: 4	
Conditions: PCI: 79					
Inspection Comments:					
Sample Number: 01	Type: R	Area:	4900.00 SqFt	<b>PCI:</b> 77	
Sample Comments:					
48 L & T CR	L	214.00 Ft			
48 L & T CR	M	8.00 Ft			
57 WEATHERING	L	2450.00 SqFt			
Sample Number: 04	Type: R	Area:	4806.00 SqFt	<b>PCI:</b> 74	
Sample Comments:					
48 L & T CR	L	296.00 Ft			
48 L & T CR	M	5.00 Ft			
57 WEATHERING	L	2403.00 SqFt			
Sample Number: 07	Type: R	Area:	4900.00 SqFt	<b>PCI:</b> 92	
Sample Comments:					
48 L & T CR	L	10.00 Ft			
57 WEATHERING	L	2450.00 SqFt			
Sample Number: 10	Type: R	Area:	4288.00 SqFt	<b>PCI:</b> 72	
Sample Comments:					
48 L & T CR	L	296.00 Ft			
40 I 0 T CD	3.6	0.00 E.			

8.00 Ft 2144.00 SqFt

M L

48 57 L & T CR WEATHERING

Network: S34			Nam	ne: Plains	Airport				
Branch: TW	]	Name:	Taxiway		Use:	TAXIWAY	Area:	75,315 SqFt	
Section: 02	of 2	Fı	om: SOUTH	IEAST CORNEI	₹	<b>To:</b> A-1		Last Const.:	8/1/2006
Surface: AC	Family: _MD	T2024 - TV	V AC Zone	e: PLNS		Category: D	)	Rank: P	
Area: 27,54	40 SqFt	Length:	918 F	t	Width:	30 Ft			
Slabs:	Slab Length:		Ft	Slab Width:		Ft	Joint L	ength: F	t
Shoulder:	Street Type:	ACR		Grade: 0			Lanes:	0	
Section Comments:									
Work Date: 8/1/2006	Work Ty	pe: New (	Construction - Initi	al	Co	ode: NU-IN	Is I	Major M&R: True	
Work Date: 8/1/2021	Work Ty	pe: Crack	Sealing - AC		Co	ode: CS-AC	Is I	Major M&R: False	
Work Date: 8/1/2021	Work Ty	pe: Surfac	e Seal		Co	ode: SS-LO	Is I	Major M&R: False	
<b>Last Insp. Date:</b> 10/2/202	4	TotalSa	mples: 6		Surveye	<b>d:</b> 3			
Conditions: PCI: 83									
Inspection Comments:									
Sample Number: 02	Type:	R	Area:	5355.0	00 SqFt	PCI:	81		
Sample Comments:									
48 L & T CR	L		121.00 Ft						
48 L & T CR	N	I	35.00 Ft						
57 WEATHERING	L		2678.00 SqFt						
Sample Number: 04	Туре:	R	Area:	3825.0	00 SqFt	PCI:	80		
Sample Comments:									
48 L & T CR	L		48.00 Ft						
48 L & T CR	N		33.00 Ft						
57 WEATHERING	L		1912.00 SqFt						
Sample Number: 06	Type:	R	Area:	3825.0	00 SqFt	PCI:	88		
Sample Comments:									

L 74.00 Ft L 1912.00 SqFt

48 57 L & T CR WEATHERING