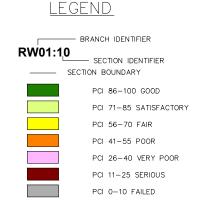


__TW: 03



MONTANA AVIATION SYSTEM PLAN
2024 PAVEMENT CONDITION INDEXES
PREPARED FOR

Montana Department of Transportation
Division of Aeronautics



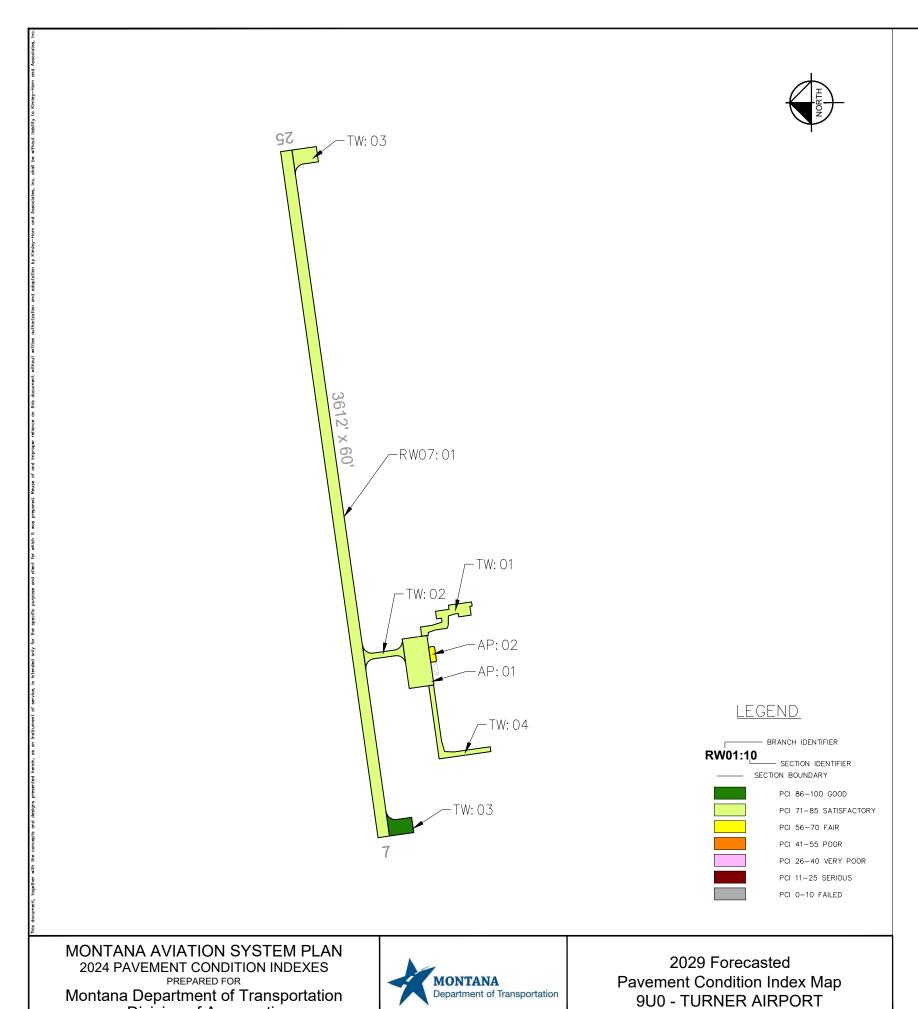
2024 Pavement Condition Index Map 9U0 - TURNER AIRPORT

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
TW	02	Taxiway	AAC	8,241	7	1/1/2018	9/26/2024	93	Good
TW	03	Taxiway	AAC	21,554	7	1/1/2018	9/26/2024	97	Good
TW	04	Taxiway	AC	16,315	7	1/1/2018	9/26/2024	96	Good
AP	01	Apron	AAC	33,800	5	1/1/2020	9/26/2024	91	Good
AP	02	Apron	PCC	2,480	11.1	11/1/2013	9/26/2024	70	Fair
RW07	01	Runway 07-25	AAC	216,514	5	1/1/2020	9/26/2024	93	Good
TW	01	Taxiway	AC	15,706	5	1/1/2020	9/26/2024	94	Good

AIRFIELD PAVEMENT WORK HISTORY

- 1 ADAP-001-1978
- 2. AIP-001-1986, DRAINAGE FEATURES (FRENCH DRAIN) BUILT ALONG BOTH SIDE OF RUNWAY TO REDUCE FROST ACTION.
- 3. AIP-002-1995, REHABILITATE RUNWAY, TAXIWAY, AND APRON.
- 4. AIP-003-2007, MAJOR CRACK REPAIR, CRACK SEAL, FOG SEAL, AND REMARK PAVEMENTS.
- 5. AIP-005-2012, CRACK REPAIR, CRACK SEAL, FOG SEAL, AND REMARK RUNWAY, TAXIWAYS, AND APRON [INSPECTED AFTER MAINTENANCE PROJECT].
- 6. AIP-006-2013, CONSTRUCT REINFORCED CONCRETE FUELING APRON (AP:02).
- 7. AIP-008-2020, CONSTRUCT TAXIWAY (TW:01, TW:04), REHABILITATE AIRFIELD (EXCEPT AP:02).
- 8. AIP-012-2024, CRACK SEAL, SURFACE SEAL, REMARK PAVEMENTS (EXCEPT AP:02).

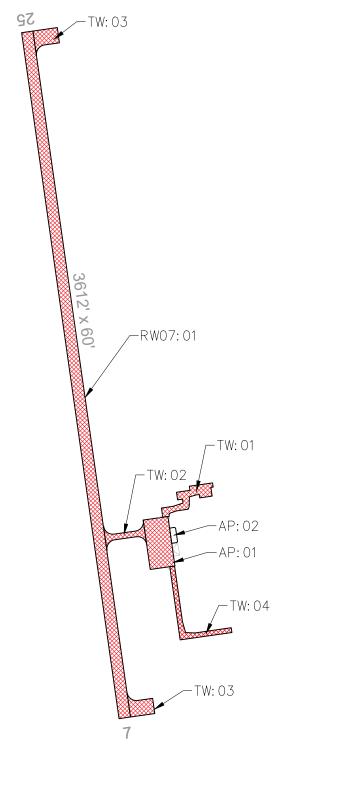


Division of Aeronautics

FORECASTED PAVEMENT CONDITION INDEX

Branch ID	Section ID	Surface Type	Current PCI (2024)	2025	2026	2027	2028	2029
TW	02	AAC	93	92	90	87	85	83
TW	03	AAC	97	96	93	90	88	86
TW	04	AC	96	95	92	90	88	85
AP	01	AAC	91	90	87	84	81	79
AP	02	PCC	70	70	69	68	66	66
RW07	01	AAC	93	92	90	87	85	83
TW	01	AC	94	93	91	88	86	84





BRANCH IDENTIFIER

RW01:10 SECTION IDENTIFIER

SECTION BOUNDARY

MAJOR GLOBAL TREATMENT

2025 2026 2026 2027

2028 2029

LEGEND

MONTANA AVIATION SYSTEM PLAN 2024 PAVEMENT CONDITION INDEXES PREPARED FOR

Montana Department of Transportation
Division of Aeronautics



5-Year Maintenance and Rehabilitation Map 9U0 - TURNER AIRPORT

5-YEAR PAVEMENT NEEDS BY SECTION

Year	Branch ID	Section ID	Surface Type	Section Area (SF)	PCI at Treatment	Recommended Treatment	Treatment Category
2029	RW07	01	AAC	216,514	83	Crack Seal and Seal Coat	Global Treatment
2029	TW	01	AC	15,706	84	Crack Seal and Seal Coat	Global Treatment
2029	TW	02	AAC	8,241	83	Crack Seal and Seal Coat	Global Treatment
2029	TW	03	AAC	21,554	86	Crack Seal and Seal Coat	Global Treatment
2029	TW	04	AC	16,315	85	Crack Seal and Seal Coat	Global Treatment

Runway



RW07-01-39: Overview



RW07-01-39: L&T Cracking



Taxiway



TW-01-02: L&T Cracking



TW-04-02: Overview



Apron



AP-01-04: Overview



AP-02-01: LTD Cracking



Re-Inspection Report

MDT SASP 2024

Page 1 of 7 **Generated Date** 1/7/2025 Network: 9U0 Name: Turner Airport **Branch:** ΑP Apron Use: APRON 36,280 SqFt Name: Area: of 2 Section: 01 From: To: **Last Const.:** 1/1/2020 _MDT2024 - AP AAC Rank: O Surface: AAC Family: Zone: **TURN** Category: D Length: 33,800 SqFt 260 Ft Width: 130 Ft Area: Slab Width: Slab Length: Ft Ft Joint Length: Ft Slabs: **Shoulder:** Street Type: ACN Grade: Lanes: **Section Comments:** Main apron Work Date: 8/15/1986 Work Type: New Construction - Initial Code: NU-IN Is Major M&R: True Work Date: 8/1/1995 Work Type: Surface Reconstruction - AC Code: SR-AC Is Major M&R: True Work Date: 1/1/2020 Work Type: Mill and Overlay Code: ML-OL Is Major M&R: True

Code: CS-AC

Code: SS-SC

Is Major M&R: False

Is Major M&R: False

Last Insp. Date: 9/26/2024 TotalSamples: 6 Surveyed: 3

Work Type: Crack Sealing - AC

Work Type: Surface Seal - Seal Coat

Conditions: PCI: 91

Work Date: 9/1/2024

Work Date: 9/1/2024

Inspection Comments:

Sample Number: 02 Type: R Area: 5850.00 SqFt PCI: 91

Sample Comments:

48 L & T CR L 148.00 Ft

Sample Number: 04 Type: R Area: 5850.00 SqFt PCI: 89

Sample Comments:

48 L & T CR L 191.00 Ft

Sample Number: 06 Type: R Area: 4550.00 SqFt PCI: 93

Sample Comments:

48 L & T CR L 77.00 Ft

9U0 Network: Turner Airport Name: **Branch:** AP Use: APRON 36,280 SqFt Name: Apron Area: To: FUEL SYSTEM Section: 02 of 2 A-1 **Last Const.:** 11/1/2013 From: Surface: PCC Family: _MDT2024 - All PCC Zone: Category: Rank: P Area: 2,480 SqFt Length: 80 Ft Width: 31 Ft Slabs: 12 Slab Length: 15 Ft Slab Width: 13 Ft Joint Length: 233 Ft **Street Type:** Shoulder: Grade: Lanes: **Section Comments:** Work Date: 11/1/2013 Work Type: New Construction - PCC Code: NC-PC Is Major M&R: True **Last Insp. Date:** 9/26/2024 **TotalSamples:** 1 Surveyed: 1 **Conditions:** PCI: **Inspection Comments: PCI:** 70 Sample Number: 01 Type: R 12.00 Slabs Area: **Sample Comments:** 63 LINEAR CR L 4.00 Slabs JT SEAL DMG Η 12.00 Slabs 65

SHRINKAGE CR

JOINT SPALL

N

L

1.00 Slabs

3.00 Slabs

73

74

Network: 9U0			Name	: Turn	er Airport						
Branch: RW07		Name:	Runway 07-25		Use:	RUNV	WAY	Area:	2	16,514 SqFt	
Section: 01	of 1		From: STATION	V 0+00		То	: STA	ΓΙΟΝ 36+00		Last Const.:	1/1/2020
Surface: AAC	Family: _MI	OT2024 - I	RW AC AAC Zone:	TURN		Ca	tegory:	D		Rank: O	
Area: 216,514	SqFt	Length:	3,612 Ft		Width:		60 Ft				
Slabs:	Slab Length:		Ft S	Slab Width:		Ft		Jo	int Length:	Ft	
Shoulder:	Street Type:	ACM	(Grade: 0				La	anes: 0		
Section Comments:											
Work Date: 8/15/1986	Work T	ype: New	Construction - Initial	[(Code: N	U-IN		Is Major N	1&R: True	
Work Date: 8/1/1995	Work T	ype: Surf	ace Reconstruction - A	AC	(Code: S	R-AC		Is Major N	1&R: True	
Work Date: 1/1/2020	Work T	ype: Mill	and Overlay		(Code: M	IL-OL		Is Major N	1&R: True	
Work Date: 9/1/2024	Work T	ype: Crac	ck Sealing - AC		(Code: C	S-AC		Is Major N	1&R: False	
Work Date: 9/1/2024	Work T	ype: Surf	ace Seal - Seal Coat		(Code: S	S-SC		Is Major N	1&R: False	
Last Insp. Date: 9/26/2024		TotalS	Samples: 43		Survey	ed: 7					
Conditions: PCI: 93											
Inspection Comments:											
Sample Number: 03	Type:	R	Area:	5400	.00 SqFt		PCI:	91			
Sample Comments:											
48 L & T CR	L	_	146.00 Ft								
Sample Number: 09	Type:	R	Area:	5400	.00 SqFt		PCI:	92			
Sample Comments:											
48 L & T CR	L	_	129.00 Ft								
Sample Number: 16	Type:	R	Area:	5400	.00 SqFt		PCI:	94			
Sample Comments:											
48 L & T CR	L		72.00 Ft								
Sample Number: 22	Type:	R	Area:	5400	.00 SqFt		PCI:	91			
Sample Comments:											
48 L & T CR	L	_	133.00 Ft								
Sample Number: 28	Type:	R	Area:	5400	.00 SqFt		PCI:	100			
Sample Comments:											
<no distress=""></no>											
Sample Number: 33	Type:	R	Area:	5400	.00 SqFt		PCI:	92			
Sample Comments:											
48 L & T CR	L		122.00 Ft								
Sample Number: 39	Type:	R	Area:	5400	.00 SqFt		PCI:	95			
Sample Comments:											

L & T CR

L 66.00 Ft

Network: 9U0			Nan	ne: Turner Airport			
Branch: TW		Name:	Taxiway	Use	: TAXIWAY	Area:	61,816 SqFt
Section: 01	of ·	4 F	'rom: End		To: AP-	01	Last Const.: 1/1/2020
Surface: AC	Family:	MDT2024 - T	W AC Zon	e:	Category:		Rank: O
Area:	15,706 SqFt	Length:	320 F	Ft Width:	35 F	't	
Slabs:	Slab Lengtl	h:	Ft	Slab Width:	Ft	Joint Le	ngth: Ft
Shoulder:	Street Type	:		Grade: 0		Lanes:	0
Section Comments:	There were some e	existing parts p	rior to the reconst	ruction - I put NC as of 20	18 because I was u	nsure of the date and	the whole taxiway changed
Work Date: 1/1/2020	Work	K Type: New	Construction - AC		Code: NC-AC	Is M	Iajor M&R: True
Work Date: 9/1/2024	Work	K Type: Crack	Sealing - AC		Code: CS-AC	Is M	Tajor M&R: False
Work Date: 9/1/2024	Work	Type: Surfa	ce Seal - Seal Coa	t	Code: SS-SC	Is M	Iajor M&R: False
Last Insp. Date: 9/20	5/2024	TotalSa	amples: 3	Surve	yed: 2		
Conditions: PCI:	94						
Inspection Comments	:						
Sample Number: 01	Туре:	R	Area:	4199.00 SqFt	PCI:	94	
Sample Comments:							
48 L & T CR		L	58.00 Ft				
Sample Number: 02	Type:	R	Area:	4514.00 SqFt	PCI:	94	
Sample Comments:							

Network:	9U0					Name	Turr	ner Airport							
Branch:	TW			Name:	Taxiv	vay		Use:	TA	XIWAY	Arc	ea:	61,81	6 SqFt	
Section:	02	O	f 4	:	From:	RW07-01			-	Го: АР-	01		Las	st Const.:	1/1/2018
Surface:	AAC	Family:	_MI	OT2024 - 7	ΓW AAC	Zone:	TURN		•	Category:	D		Rai	nk: O	
Area:		8,241 SqFt		Length:		212 Ft		Width:		30 F	t				
Slabs:		Slab Lei	ngth:		Ft	S	lab Width:]	₹t		Joint Leng	th:	F	₹t
Shoulder:		Street T	ype:	ACM		(Grade: 0					Lanes:	0		
Section Co	mments:														
Work Date	e: 8/1/1995	W	ork T	ype: New	Construct	ion - Initial		C	Code:	NU-IN		Is Maj	or M&R	: True	
Work Date	e: 1/1/2018	W	ork T	ype: Mill	and Overla	ny		C	Code:	ML-OL		Is Maj	or M&R	: True	
Work Date	e: 9/1/2024	W	ork T	ype: Crac	k Sealing -	AC		C	Code:	CS-AC		Is Maj	or M&R	: False	
Work Date	e: 9/1/2024	W	ork T	ype: Surf	ace Seal - S	Seal Coat		C	Code:	SS-SC		Is Maj	or M&R	: False	
Last Insp.	Date: 9/20	6/2024		TotalS	amples:	2		Survey	ed: 2						
Conditions	s: PCI:	93													
Inspection	Comments	:													
Sample Nu	ımber: 01	Ty	pe:	R		Area:	4117	.00 SqFt		PCI:	90				
Sample Co	omments:														
48 L&	T CR		I	_	129.00	Ft									
Sample Nu	ımber: 02	Ty	pe:	R		Area:	4124	.00 SqFt		PCI:	97				
Sample Co	omments:														
48 L&	z T CR		I		10.00	. F4									

Branch: TW Section: 03	Name:	Taxiway				
		Tuxtway	Use:	TAXIWAY	Area:	61,816 SqFt
0 .C A A C	of 4 F	rom: RW 7 TUR	NAROUND	То:		Last Const.: 1/1/2018
Surface: AAC	Family: _MDT2024 - T	W AAC Zone:	TURN	Category: D		Rank: O
Area: 21,554	4 SqFt Length:	256 Ft	Width:	80 Ft		
Slabs:	Slab Length:	Ft Sla	b Width:	Ft	Joint Leng	gth: Ft
Shoulder:	Street Type: ACM	Gr	ade: 0		Lanes:	0
Section Comments: Turns	arounds					
Work Date: 8/1/1995	Work Type: New O	Construction - Initial	Co	ode: NU-IN	Is Ma	jor M&R: True
Work Date: 1/1/2018	Work Type: Mill a	nd Overlay	Co	ode: ML-OL	Is Ma	jor M&R: True
Work Date: 9/1/2024	Work Type: Surfac	ee Seal - Seal Coat	Co	ode: SS-SC	Is Ma	jor M&R: False
Work Date: 9/1/2024	Work Type: Crack	Sealing - AC	Co	ode: CS-AC	Is Ma	jor M&R: False
Last Insp. Date: 9/26/2024	TotalSa	mples: 4	Surveyed	d: 4		
Conditions: PCI: 97						
Inspection Comments:						
Sample Number: 01	Type: R	Area:	5440.00 SqFt	PCI: 10	0	
Sample Comments:						
<no distress=""></no>						
Sample Number: 02	Type: R	Area:	5337.00 SqFt	PCI: 94		
Sample Comments:						
48 L & T CR	L	83.00 Ft				
Sample Number: 03	Type: R	Area:	5440.00 SqFt	PCI: 10	0	
Sample Comments:						
<no distress=""></no>						
Sample Number: 04	Type: R	Area:	5337.00 SqFt	PCI: 94		
Sample Comments:						

L 84.00 Ft

L & T CR

48

Network:	9U0						Nan	ne: Tur	ner Airport								
Branch:	TW			Nam	e:	Taxiv	way		Use:	T	AXIW	AY	Area:		6	1,816 SqFt	
Section: 0)4		of 4	4	Fro	m:	End				To:	Ap-01				Last Cons	st.: 1/1/2018
Surface: A	AC	Family:	_	MDT20	24 - TW	AC	Zon	e:			Cate	gory:				Rank: O)
Area:		16,315 SqFt		Len	gth:		620 F	t	Width:			25 Ft					
Slabs:		Slab Le	ngth	h:		Ft	,	Slab Width:			Ft		J	oint Ler	ngth:		Ft
Shoulder:		Street 7	Гуре	:				Grade: 0					I	anes:	0		
Section Com	nments:																
Work Date:	1/1/2018	V	Vork	к Туре:	New Co	nstruct	ion - AC			Code:	NC-	AC		Is M	ajor M	&R: True	
Work Date:	9/1/2024	v	Vork	Type:	Crack S	ealing -	- AC			Code:	CS-	AC		Is M	ajor M	&R: False	
Work Date:	9/1/2024	v	Vork	Type:	Surface	Seal - S	Seal Coat	;		Code:	SS-S	SC		Is M	ajor M	&R: False	
Last Insp. D	ate: 9/26	5/2024		Т	otalSam	ples:	3		Surve	yed:	2						
Conditions:	PCI:	96															
Inspection C	Comments:																
Sample Num	nber: 01	Ty	pe:	R			Area:	500	9.00 SqFt			PCI: 9	6				
Sample Com	nments:																
48 L&T	ΓCR			L		17.00) Ft										
Sample Num	nber: 02	T	pe:	R			Area:	630	6.00 SqFt			PCI: 9	6				
Sample Com	nments:																

L

L & T CR

48

41.00 Ft