

MONTANA AVIATION SYSTEM PLAN 2024 PAVEMENT CONDITION INDEXES
PREPARED FOR

Montana Department of Transportation Division of Aeronautics



2024 Pavement Condition Index Map S69 - LINCOLN AIRPORT

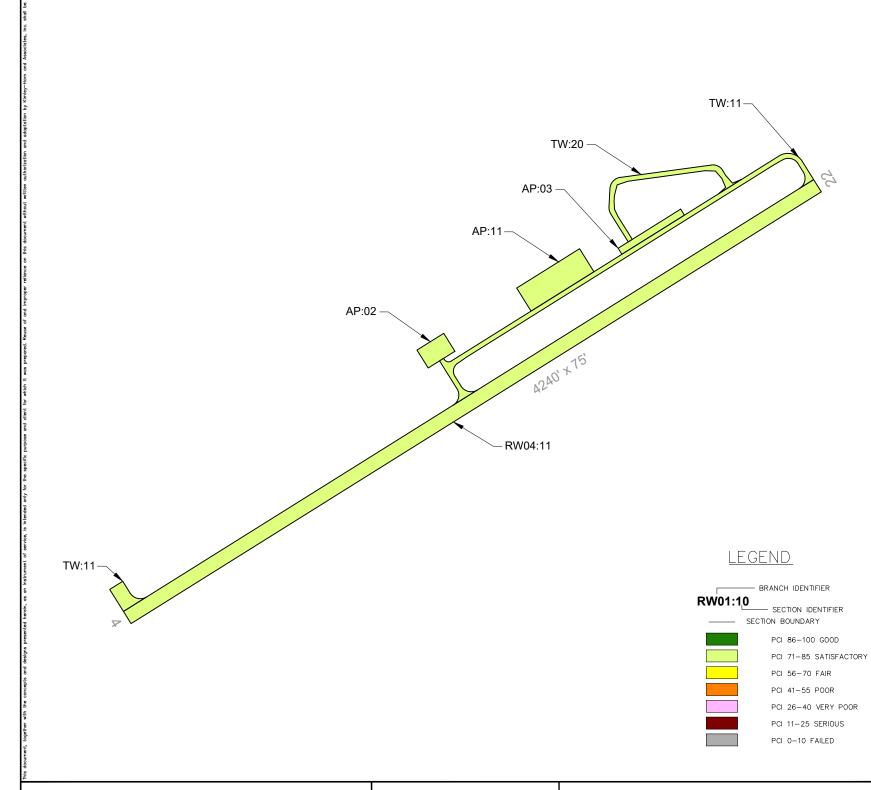
#### **CURRENT 2024 PAVEMENT CONDITION INDEX**

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
RW04	11	Runway 04-22	AAC	318,000	19.3	8/1/2005	10/1/2024	75	Satisfactory
TW	11	Taxiway	AC	62,575	19.3	8/1/2005	10/1/2024	77	Satisfactory
TW	20	Taxiway	AC	26,985	3.9	12/10/2020	10/1/2024	94	Good
AP	02	Apron	AC	18,040	19.3	8/1/2005	10/1/2024	91	Good
AP	03	Apron	AC	15,600	19.3	8/1/2005	10/1/2024	84	Satisfactory
AP	11	Apron	AAC	54,954	19.3	8/1/2005	10/1/2024	81	Satisfactory

#### AIRFIELD PAVEMENT WORK HISTORY

- AIP-001-1984, RECONSTRUCT PORTIONS OF RUNWAY AND SURFACE RUNWAY; REHABILITATE TAXIWAY AND APRON. AIP-004-2005, ALL NEW CONSTRUCTION: RECONSTRUCT RUNWAY 4/22 (R04:11), TAXIWAY (TW:11), AND APRONS
- 3. AIP-005-2014, CRACK SEAL, FOG SEAL, AND REMARK RUNWAY, TAXIWAY, AND APRONS.
- 4. AIP-007-2019 CONSTRUCT TAXIWAY (TW:20), CRACK SEAL AND SEAL COAT AIRSIDE PAVEMENTS.





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Division of Aeronautics

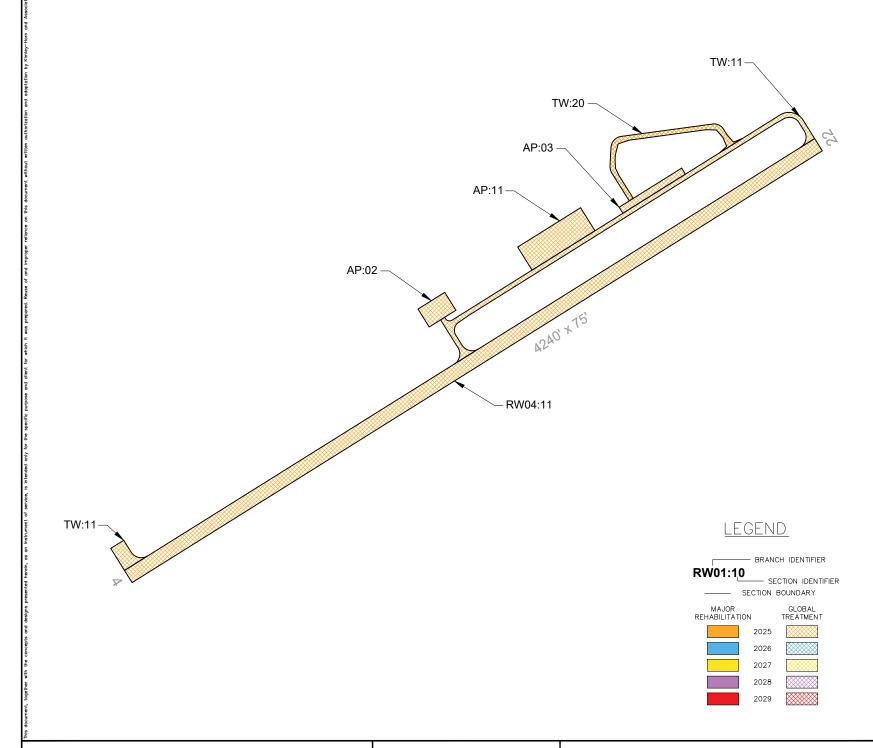


2029 Forecasted
Pavement Condition Index Map
S69 - LINCOLN AIRPORT

### FORECASTED PAVEMENT CONDITION INDEX

Branch ID	Section ID	Surface Type	Current PCI (2024)	2025	2026	2027	2028	2029
RW04	11	AAC	75	75	74	74	73	73
TW	11	AC	77	77	76	75	74	73
TW	20	AC	94	93	91	88	86	84
AP	02	AC	91	90	88	86	83	82
AP	03	AC	84	83	82	80	78	77
AP	11	AAC	81	80	78	76	75	74





MONTANA AVIATION SYSTEM PLAN 2024 PAVEMENT CONDITION INDEXES PREPARED FOR

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Division of Aeronautics



5-Year Maintenance and Rehabilitation Map S69 - LINCOLN AIRPORT

### 5-YEAR PAVEMENT NEEDS BY SECTION

Year	Branch ID	Section ID	Surface Type	Section Area (SF)	PCI at Treatment	Recommended Treatment	Treatment Category
2025	RW04	11	AAC	318,000	75	Crack Seal and Seal Coat	Global Treatment
2025	TW	11	AC	62,575	77	Crack Seal and Seal Coat	Global Treatment
2025	TW	20	AC	26,985	93	Crack Seal and Seal Coat	Global Treatment
2025	AP	02	AC	18,040	90	Crack Seal and Seal Coat	Global Treatment
2025	AP	03	AC	15,600	83	Crack Seal and Seal Coat	Global Treatment
2025	AP	11	AAC	54,954	80	Crack Seal and Seal Coat	Global Treatment

### **Runway**



RW04-11-01: Overview



RW04-11-63: L&T Cracking



# **Taxiway**



TW-11-12: Overview



TW-11-15: L&T Cracking



## **Apron**



AP-03-03: Weathering



AP-11-10: L&T Cracking



### **Re-Inspection Report**

MDT SASP 2024

57

WEATHERING

Generated Date 1/7/2025 Page 1 of 6

Generated Date	1/7/2025					Page 1 01
Network: S69		Name:	Lincoln Airport			
Branch: AP	Name:	Apron	Use:	APRON	Area:	88,594 SqFt
Section: 02	of 3	From: T-11		To: SOUTI	HWEST END	<b>Last Const.:</b> 8/1/2005
Surface: AC	Family: _MDT2024 -	AP AC Zone:	LINC	Category: D		Rank: P
Area: 18,040	SqFt Length	: 164 Ft	Width:	110 Ft		
Slabs:	Slab Length:	Ft Sla	b Width:	Ft	Joint Lengtl	h: Ft
Shoulder:	Street Type: ACN	Gra	ade: 0		Lanes: (	)
<b>Section Comments:</b>						
Work Date: 8/1/2005	Work Type: Nev	w Construction - Initial	Со	de: NU-IN	Is Majo	r M&R: True
Work Date: 1/1/2019	Work Type: Cra	ck Sealing - AC	Со	de: CS-AC	Is Majo	r M&R: False
Work Date: 1/1/2019	Work Type: Sur	face Seal	Со	de: SS-LO	Is Majo	r M&R: False
<b>Last Insp. Date:</b> 10/1/2024	Total	Samples: 4	Surveyed	<b>l:</b> 3		
Conditions: PCI: 91						
<b>Inspection Comments:</b>						
Sample Number: 01	Type: R	Area:	4510.00 SqFt	PCI: 9	91	
<b>Sample Comments:</b>						
57 WEATHERING	L	4285.00 SqFt				
57 WEATHERING	M	225.00 SqFt				
Sample Number: 02	Type: R	Area:	4510.00 SqFt	PCI: 9	91	
Sample Comments:						
57 WEATHERING	L	4285.00 SqFt				
57 WEATHERING	M	225.00 SqFt				
Sample Number: 04	Type: R	Area:	4510.00 SqFt	PCI:	91	
Sample Comments:						
57 WEATHERING	L	4285.00 SqFt				
57 WEATHEDING	M	225 00 CaEt				

225.00 SqFt

M

	ork: S69			Nam	ne: Lincoln Airpor	t			
Branc	ch: AP		Name:	Apron	Use	: APRON	Area:	88,594 SqFt	
Sectio	on: 03	of 3		From: T-11		To: HANC	GARS	Last Const.: 8/1/	2005
Surfa	ce: AC	Family: _M	IDT2024 -	AP AC Zon	e:	Category:		Rank: P	
Area:	: 15,60	0 SqFt	Length:	390 F	t Width:	40 Ft			
Slabs	:	Slab Length:		Ft	Slab Width:	Ft	Joint	Length: Ft	
Shoul	lder:	Street Type:			Grade: 0		Lanes	_	
Sectio	on Comments:	**							
Work	<b>Date:</b> 8/1/2005	Work '	Гуре: Nev	v Construction - AC		Code: NC-AC	Is	Major M&R: True	
Work	x Date: 1/1/2019	Work '	Type: Sur	face Seal		Code: SS-LO	Is	Major M&R: False	
Work	x Date: 1/1/2019	Work	Гуре: Cra	ck Sealing - AC		Code: CS-AC	Is	Major M&R: False	
Last l	Insp. Date: 10/1/2024	ļ	Total	Samples: 3	Surve	yed: 3			
Cond	itions: PCI: 84								
Inspe	ction Comments:								
Samp	ole Number: 01	Type:	R	Area:	4810.00 SqFt	PCI:	85		
Samp	ole Comments:								
48			L	78.00 Ft					
70	L & T CR		L	/0.00 It					
	L & T CR WEATHERING		L	4570.00 SqFt					
57 57									
57 57	WEATHERING		L	4570.00 SqFt	4820.00 SqFt	PCI:	83		
57 57 <b>Samp</b>	WEATHERING WEATHERING		L M	4570.00 SqFt 240.00 SqFt	4820.00 SqFt	PCI:	83		
57 57 Samp Samp	WEATHERING WEATHERING ole Number: 02	Туре:	L M	4570.00 SqFt 240.00 SqFt	4820.00 SqFt	PCI:	83		
57 57 <b>Samp</b>	WEATHERING WEATHERING ole Number: 02 ole Comments:	Туре:	L M R	4570.00 SqFt 240.00 SqFt Area:	4820.00 SqFt	PCI:	83		
57 57 <b>Samp</b> <b>Samp</b> 48	WEATHERING WEATHERING ole Number: 02 ole Comments: L & T CR	Туре:	L M R	4570.00 SqFt 240.00 SqFt  Area:	4820.00 SqFt	PCI:	83		
57 57 <b>Samp</b> <b>Samp</b> 48 57 57	WEATHERING WEATHERING ole Number: 02 ole Comments: L & T CR WEATHERING	Туре:	L M R	4570.00 SqFt 240.00 SqFt  Area:  112.00 Ft 4579.00 SqFt	4820.00 SqFt 4585.00 SqFt	PCI:			
57 57 <b>Samp</b> <b>Samp</b> 48 57 57 <b>Samp</b>	WEATHERING WEATHERING  le Number: 02  le Comments:  L & T CR WEATHERING WEATHERING	Туре:	L R L L M	4570.00 SqFt 240.00 SqFt  Area:  112.00 Ft 4579.00 SqFt 241.00 SqFt	·				
57 57 Samp Samp 48 57 57 Samp	WEATHERING WEATHERING ole Number: 02 ole Comments: L & T CR WEATHERING WEATHERING ole Number: 03	Туре:	L R L L M	4570.00 SqFt 240.00 SqFt  Area:  112.00 Ft 4579.00 SqFt 241.00 SqFt	·				
57 57 Samp Samp 48 57 57 Samp	WEATHERING WEATHERING Ole Number: 02 Ole Comments: L & T CR WEATHERING WEATHERING Ole Number: 03 Ole Comments:	Туре:	L R L L M	4570.00 SqFt 240.00 SqFt  Area:  112.00 Ft 4579.00 SqFt 241.00 SqFt  Area:	·				

Network:	S69						Nan	ne: Line	oln Airport					<u> </u>	
Branch:	AP			N	Name:	Apro	n		Use:	APRO	N	Aı	rea:	88,594 SqFt	
Section: 1	1		of	3	-	From:	APRON	1		To:	T-11			Last Const.:	8/1/2005
Surface: A	AC	Fam	nily:	MD	T2024 - A	AP AAC	Zon	e: LINC		Cat	egory:	D		Rank: P	
Area:		54,954 SqI	₽t		Length:		387 F	`t	Width:		142 F	t			
Slabs:		Sla	b Lengt	h:		Ft		Slab Width:		Ft			Joint Length:	I	₹t
Shoulder:		Str	eet Typ	e:	ACN			Grade: 0					Lanes: 0		
Section Com	ments:														
Work Date:	8/1/2005		Wor	k Ty	pe: New	Construct	ion - Init	ial	(	Code: NU	J-IN		Is Major	M&R: True	
Work Date:	1/1/2019		Wor	k Ty	pe: Crac	k Sealing -	- AC		(	Code: CS	-AC		Is Major	M&R: False	
Work Date:	1/1/2019		Wor	k Ty	pe: Surf	ace Seal			(	Code: SS	-LO		Is Major	M&R: False	
Last Insp. Da	ate: 10/1	/2024			TotalS	Samples:	12		Survey	ed: 4					
Conditions:	PCI:	81													
Inspection C	omments:														
Sample Num	iber: 04		Type:		R		Area:	4580	0.00 SqFt		PCI:	86			
Sample Com			JI						1						
48 L & T	Γ CR			L		27.00									
	THERING			L		4351.00									
	THERING	·		M			SqFt	4500	100 G F:		DCI	7.6			
Sample Num			Type:		R		Area:	4580	0.00 SqFt		PCI:	/6			
Sample Com	iments:														
	CHING			M			SqFt								
	LLING			M	l		SqFt								
	THERING			L M	ſ	4351.00									
	THERING		Trme		R		SqFt	1501	100 S~E+		PCI:	76			
Sample Num Sample Com			Type:		К		Area:	4380	0.00 SqFt		FCI;	70			
48 L&T				L		138.00	) Et								
48 L&T				M		20.00									
	THERING	t		L		4351.00									
	THERING			M	[		) SqFt								
57 WEA			Type:		R		Area:	4580	0.00 SqFt		PCI:	86			
	1001. 12								*						
Sample Num															
Sample Num Sample Com	iments:			L		36.00	) Ft								
Sample Num Sample Com 48 L & T	iments:	÷		L L		36.00 4351.00									

Netwo	ork: S69				Nam	ne:	Lincoln Air	port							
			N	Т					T IN 1337 A	V	<b>.</b>		2.1	0 000 C E:	
Branc			Name:		ay 04-22			Jse: R	UNWA		Are		31	8,000 SqFt	
Sectio		of 1		From:		2+00 RWY					64+40 R	WY 4/22			<b>t.:</b> 8/1/2005
Surfac	ce: AAC	Family: _N	/IDT2024	- RW AC AA	AC Zone	e: LIN	IC			gory:	D			Rank: P	
Area:	318,0	00 SqFt	Leng		4,240 F		Width	:		75 Ft					
Slabs:		Slab Length:		Ft		Slab Wid	th:		Ft			Joint Le	ength:		Ft
Should	der:	Street Type:	ACR			Grade:	0					Lanes:	0		
Sectio	n Comments:														
Work	<b>Date:</b> 8/1/2005	Work	Type: N	ew Constructi	on - Initi	al		Code	: NU-	IN		Is N	1ajor N	I&R: True	
Work	<b>Date:</b> 1/1/2019	Work	Type: S	urface Seal				Code	: SS-L	.0		Is N	1ajor N	<b>1&amp;R:</b> False	
Work	<b>Date:</b> 1/1/2019	Work	Type: C	rack Sealing -	AC			Code	: CS-A	AC		Is N	1ajor N	<b>1&amp;R:</b> False	
Condi	nsp. Date: 10/1/202 tions: PCI: 75 ction Comments:	4	Tot	alSamples:	65		Su	rveyed:	7						
Sampl	le Number: 01	Type:	R	1	Area:	2	1950.00 Sq	₹t	]	PCI:	72				
Sampl	le Comments:														
48	L & T CR		L	200.00	Ft										
48	L & T CR		M	66.00											
57 57	WEATHERING WEATHERING		L M	4325.00 625.00	-										
	le Number: 12	Type:	R		Area:		1950.00 Sql			PCI:	67				
_	le Comments:	- 3 P													
48	L & T CR		L	362.00											
48	L & T CR		M	5.00											
57 57	WEATHERING WEATHERING		L M	4455.00 495.00	_										
	le Number: 25	Type:	R		Area:		1950.00 Sq			PCI:	75				
Sampl	le Comments:						•								
48	L & T CR		L	293.00											
57 57	WEATHERING WEATHERING		L M	4703.00 247.00											
	le Number: 37	Type:	R		Area:		1950.00 Sq	T+		PCI:	78				
_	le Comments:	Type.	K	,	Aica.	-	1930.00 Sq.	r t		rcı.	76				
48	L & T CR		L	221.00	Ft										
57	WEATHERING		L	4702.00	SqFt										
57	WEATHERING		M	248.00											
_	le Number: 49 le Comments:	Туре:	R	1	Area:	2	1950.00 Sq	Ft	]	PCI:	79				
48	L & T CR		L	189.00	Ft										
57	WEATHERING		L	4702.00	SqFt										
57	WEATHERING		M	248.00				_							
_	le Number: 61	Type:	R	1	Area:	2	1950.00 Sq	⊦t	]	PCI:	77				
Sampl	le Comments:														
48	L & T CR		L	236.00											
57 57	WEATHERING WEATHERING		L M	4702.00 248.00	-										
	le Number: 63	Type:	R		Area:		1950.00 Sq.		]	PCI:	74				
_	le Comments:	J.F.					Т								
48	L & T CR		L	83.00											
48	L & T CR		M	66.00	Ft										
57 57	WEATHERING WEATHERING		L M	4702.00 248.00											
51	., L. HILLIAM		171	2 10.00	⊃qı t										

Network: S69		Nai	me: Lincoln Airp	ort	
Branch: TW	Nam	e: Taxiway	U	se: TAXIWAY	<b>Area:</b> 89,560 SqFt
Section: 11	of 2	From: R-1 ST	A 43+70	To: R-1 ST	A. 64+40 <b>Last Const.:</b> 8/1/2005
Surface: AC	Family: _MDT20	24 - TW AC <b>Zoi</b>	ne: LINC	Category: D	Rank: P
Area: 62,575	SqFt Len	gth: 2,503	Ft Width:	25 Ft	
Slabs:	Slab Length:	Ft	Slab Width:	Ft	Joint Length: Ft
Shoulder:	Street Type: ACI	3	Grade: 0		Lanes: 0
Section Comments:					
Work Date: 8/1/2005	Work Type:	New Construction - Ini	tial	Code: NU-IN	Is Major M&R: True
Work Date: 1/1/2019	Work Type:	Surface Seal		Code: SS-LO	Is Major M&R: False
Work Date: 1/1/2019	Work Type:	Crack Sealing - AC		Code: CS-AC	Is Major M&R: False
<b>Last Insp. Date:</b> 10/1/2024	Т	otalSamples: 17	Sur	veyed: 5	
Conditions: PCI: 77					
Inspection Comments:					
Sample Number: 06	Type: R	Area:	5000.00 SqF	t PCI: 7	71
Sample Comments:			•		
48 L & T CR	L	291.00 Ft			
48 L & T CR	M	5.00 Ft			
57 WEATHERING	L M	4750.00 SqFt			
57 WEATHERING		250.00 SqFt	5000 00 G F	, DCI 5	7.0
Sample Number: 07	Type: R	Area:	5000.00 SqF	t PCI: 7	
Sample Comments:					
48 L & T CR	L	242.00 Ft			
57 WEATHERING	L	4750.00 SqFt			
57 WEATHERING	M	250.00 SqFt	<b>5000 00 0 7</b>		
Sample Number: 09	Type: R	Area:	5000.00 SqF	t PCI: 7	71
Sample Comments:					
48 L & T CR	L	398.00 Ft			
57 WEATHERING	L	4750.00 SqFt			
57 WEATHERING	M	250.00 SqFt			
Sample Number: 12	Type: R	Area:	5000.00 SqF	t PCI: 8	84
Sample Comments:					
48 L & T CR	L	101.00 Ft			
57 WEATHERING	L	4750.00 SqFt			
57 WEATHERING	M D	250.00 SqFt	2600.00 ~ 7	, DOT	21
Sample Number: 15	Type: R	Area:	3600.00 SqF	t PCI: 8	81
Sample Comments:					
48 L & T CR	L	117.00 Ft			
57 WEATHERING	L	3420.00 SqFt			
57 WEATHERING	M	180.00 SqFt			

Network:	S69				Na	ame: Line	coln Airport					
Branch:	TW		1	Name:	Taxiway		Use:	TAXIWAY	Area:		89,560 SqFt	
Section:	20	of	f 2	Fr	om: -			То: -			Last Const.:	12/10/2020
Surface:	AC	Family:	_MD	T2024 - TW	V AC Zo	one:		Category:			Rank: P	
Area:		26,985 SqFt		Length:	2,218	Ft	Width:	25 Ft				
Slabs:		Slab Len	gth:		Ft	Slab Width:		Ft	Joi	int Length:	F	t
Shoulder:		Street Ty	pe:			Grade: 0			La	nes: 0		
Section Co	omments:											
Work Dat	te: 12/10/20	20 <b>W</b>	ork Ty	pe: New C	onstruction - A	С	Co	ode: NC-AC		Is Major I	M&R: True	
Last Insp.	<b>Date:</b> 10/	1/2024		TotalSan	nples: 5		Surveye	<b>d:</b> 3				
Condition	s: PCI:	94										
Inspection	Comments	:										
Sample No	umber: 01	Тур	e:	R	Area:	4574	4.00 SqFt	PCI:	94			
Sample Co	omments:											
57 WI	EATHERING	3	L		4574.00 SqFt							
Sample No	umber: 03	Тур	e:	R	Area:	5033	3.00 SqFt	PCI:	94			
Sample Co	omments:											
57 WI	EATHERING	3	L		5033.00 SqFt							
Sample No	umber: 04	Тур	e:	R	Area:	4969	9.00 SqFt	PCI:	94			
Sample Co	omments:											
Sample Co												