

#### **CURRENT 2021 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
AP	01	Apron	AC	68,750	12.3	8/1/2009	10/20/2021	93	Good
AP	02	Apron	PCC	900	12.3	8/1/2009	10/20/2021	73	Satisfactory
AP	03	Apron	PCC	900	12.3	8/1/2009	10/20/2021	68	Fair
RW09	01	Runway 09-27	AC	330,000	12.3	9/1/2009	10/20/2021	87	Good
TW	01	Taxiway	AC	56,700	12.3	8/1/2009	10/20/2021	92	Good
TW	02	Taxiway	AC	7,380	12.3	9/1/2009	10/20/2021	92	Good
TW	03	Taxiway	AC	22,050	12.3	9/1/2009	10/20/2021	93	Good

### AIRFIELD PAVEMENT WORK HISTORY

- AIP-006-2009, NEW POPLAR AIRPORT.
   AIP-010-2015, CRACK SEAL, SEAL COAT, AND REMARK RUNWAY, TAXIWAYS, AND APRON (AP:01).
   AIP-013-2021, CRACK SEAL, SURFACE SEAL, REMARK ALL PAVEMENTS [INSPECTED AFTER MAINTENANCE PROJECT]

MONTANA AVIATION SYSTEM PLAN 2021 PAVEMENT CONDITION INDEX
PREPARED FOR

Montana Department of Transportation **Division of Aeronautics** 



Pavement Condition Index Map
PO1 - POPLAR MUNICIPAL AIRPORT

## **Runway**



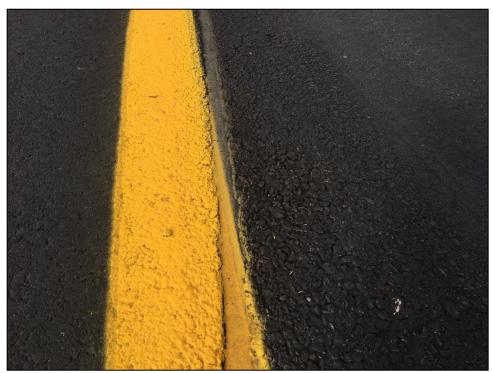
RW09-01-01: L&T Cracking



RW09-01-45: Overview



# **Taxiway**



TW03-04: L&T Cracking



TW01-11: L&T Cracking



# **Apron**



AP01-05: L&T Cracking



AP02-01: Shattered Slab



### **Re-Inspection Report**

MDT SASP 2021

**Sample Comments:** 

L & T CR

L

86.00 Ft

48

**Generated Date** 12/6/2021 Page 1 of 7

Generated Date	12/6/2021					rage ror
Network: PO1		Name:	Poplar Municipal	Airport		
Branch: AP	Name:	Apron	Use:	APRON	Area:	70,550 SqFt
Section: 01	of 3	From: T-1		<b>To:</b> T-1		<b>Last Const.:</b> 8/1/2009
Surface: AC Fa	amily: DEFAULT	Zone:	POPL	Category: A		Rank: P
<b>Area:</b> 68,750 Se	SqFt Length:	275 Ft	Width:	250 Ft		
Slabs: Sl	Slab Length:	Ft Sla	b Width:	Ft	Joint Length	Ft
Shoulder: Si	Street Type: ACL	Gr	<b>ade:</b> 0		Lanes: 0	
<b>Section Comments:</b>						
Work Date: 8/1/2009	Work Type: New	Construction - Initial	Co	ode: NU-IN	Is Major	M&R: True
Work Date: 7/1/2021	Work Type: Surf	ace Seal	Co	ode: SS-LO	Is Major	M&R: False
Work Date: 7/1/2021	Work Type: Crac	ck Sealing - AC	Co	ode: CS-AC	Is Major	M&R: False
Last Insp. Date: 10/20/2021	Totals	Samples: 21	Surveyed	<b>l:</b> 5		
Conditions: PCI: 93		-	·			
<b>Inspection Comments:</b>						
Sample Number: 01	Type: R	Area:	4887.00 SqFt	PCI: 93		
Sample Comments:						
48 L & T CR	L	82.00 Ft				
Sample Number: 05	Type: R	Area:	4250.00 SqFt	<b>PCI:</b> 92		
Sample Comments:						
48 L & T CR	L	84.00 Ft				
52 RAVELING	L	5.00 SqFt				
Sample Number: 07	Type: R	Area:	4250.00 SqFt	<b>PCI:</b> 100	0	
Sample Comments:						
<no distress=""></no>						
Sample Number: 11	Type: R	Area:	4250.00 SqFt	<b>PCI:</b> 90		
Sample Comments:						
48 L & T CR	L	130.00 Ft				

Network: PO1 Poplar Municipal Airport Name: **Branch:** AP Use: APRON 70,550 SqFt Name: Apron Area: Section: 02 of 3 A-1 **To:** A-1 Last Const.: 8/1/2009 From: Surface: PCC Family: DEFAULT Zone: POPL Category: P Rank: P 30 Ft Area: 900 SqFt Length: 30 Ft Width: Slabs: 9 Slab Length: 10 Ft Slab Width: 10 Ft Joint Length: 120 Ft Street Type: PCA Shoulder: Grade: Lanes: **Section Comments:** Work Date: 8/1/2009 Work Type: New Construction - Initial Code: NU-IN Is Major M&R: True **Last Insp. Date:** 10/20/2021 **TotalSamples:** 1 Surveyed: 1 **Conditions:** PCI: **Inspection Comments: PCI:** 73 Sample Number: 1 Type: R 9.00 Slabs Area: **Sample Comments:** 65 JT SEAL DMG M 9.00 Slabs 72 SHAT. SLAB L 1.00 Slabs

JOINT SPALL

74

L

1.00 Slabs

Network: PO1 Poplar Municipal Airport Name: **Branch:** AP Use: APRON Area: 70,550 SqFt Name: Apron Section: 03 of 3 A-1 **To:** A-1 Last Const.: 8/1/2009 From: Surface: PCC Family: DEFAULT Zone: POPL Category: P Rank: P 30 Ft Area: 900 SqFt Length: 30 Ft Width: Slabs: 9 Slab Length: 10 Ft Slab Width: 10 Ft Joint Length: 120 Ft Street Type: PCA Shoulder: Grade: Lanes: **Section Comments:** Work Date: 8/1/2009 Work Type: New Construction - Initial Code: NU-IN Is Major M&R: True **Last Insp. Date:** 10/20/2021 **TotalSamples:** 1 Surveyed: 1 **Conditions:** PCI: **Inspection Comments: PCI:** 68 Sample Number: 01 Type: R 9.00 Slabs Area: **Sample Comments:** 

62

65

CORNER BREAK

JT SEAL DMG

L

M

4.00 Slabs

9.00 Slabs

Network:	PO1						Nan	ie: Pop	olar Municij	oal Airp	ort						
Branch:	RW09				Name:	Runv	ay 09-27	7	Use	: RU	JNWA	Y	Area:		330,000	SqFt	
Section:	01		of	1		From:	T-1				To:	Т-3			Last	Const.:	9/1/2009
Surface:	AC		Family:	DEF	AULT		Zon	e: POPL			Catego	ory: A			Ran	<b>k:</b> P	
Area:		330,000	) SqFt		Length:		4,400 F	`t	Width:		,	75 Ft					
Slabs:			Slab Leng	gth:		Ft		Slab Width:			Ft		Jo	oint Lengt	h:	F	t
Shoulder:			Street Ty	pe:	ACL			Grade: 0	1				L	anes: (	)		
Section Cor	nments:																
Work Date:	9/1/200	9	Wo	rk T	ype: New	v Construct	ion - Init	ial		Code:	NU-II	N		Is Majo	r M&R:	True	
Work Date:	7/4/202	1	Wo	rk T	ype: Surf	face Seal				Code:	SS-LO	)		Is Majo	r M&R:	False	
Work Date:	: 7/4/202	1	Wo	rk T	ype: Crac	ck Sealing	· AC			Code:	CS-A	С		Is Majo	r M&R:	False	
Last Insp. I	Date: 10	/20/202	Į.		Totals	Samples:	67		Surve	yed:	7						
Conditions:	PCI:	87															
Inspection (	Comment	ts:															
Sample Nui	mber: 0	1	Тур	e:	R		Area:	487	5.00 SqFt		P	CI: 87					
Sample Cor	nments:																
48 L&	T CR			L		202.00	Ft										
Sample Nui	mber: 1	2	Тур	e:	R		Area:	487	5.00 SqFt		P	CI: 90					
Sample Cor	mments:																
48 L&	T CR			L	4	145.00	Ft										
Sample Nui	mber: 2	3	Тур	e:	R		Area:	487	5.00 SqFt		P	CI: 84					
Sample Cor	nments:																
48 L&	T CR			L	4	277.00	Ft										
Sample Nui	mber: 3	4	Тур		R		Area:	487	5.00 SqFt		P	CI: 86					
Sample Cor									-								
48 L&	T CR			L	,	232.00	Ft										
Sample Nui		5	Тур		R		Area:	487	5.00 SqFt		P	CI: 83					
Sample Cor	mments:								-								
18 L&	T CR			L		297.00	Ft										
Sample Nui	mber: 5	6	Тур	e:	R		Area:	487	5.00 SqFt		P	CI: 86					
Sample Cor	mments:																
48 L&	T CR			L	ı	234.00	Ft										
Sampla Nui	mber: 6	7	Тур	e:	R		Area:	487	5.00 SqFt		p	CI: 92					

L & T CR

48

L

110.00 Ft

Network: PO1		Name:	Poplar Municipal	Airport	
Branch: TW	Name:	Taxiway	Use:	TAXIWAY	<b>Area:</b> 86,130 SqFt
Section: 01	of 3	From: R-1		<b>To:</b> R-1	Last Const.: 8/1/2009
Surface: AC	Family: DEFAULT	Zone:	POPL	Category: A	Rank: P
<b>Area:</b> 56,700	SqFt Length:	1,620 Ft	Width:	35 Ft	
Slabs:	Slab Length:	Ft Sla	ab Width:	Ft	Joint Length: Ft
Shoulder:	Street Type: ACL	Gı	rade: 0		Lanes: 0
<b>Section Comments:</b>					
Work Date: 8/1/2009	Work Type: New	Construction - Initial	Co	ode: NU-IN	Is Major M&R: True
Work Date: 7/4/2021	Work Type: Surfa	ce Seal	Co	ode: SS-LO	Is Major M&R: False
Work Date: 7/4/2021	Work Type: Crack	Sealing - AC	Co	ode: CS-AC	Is Major M&R: False
Last Insp. Date: 10/20/2021 Conditions: PCI: 92 Inspection Comments:		amples: 14	Surveye		
Sample Number: 02	Type: R	Area:	4550.00 SqFt	PCI: 95	
Sample Comments:					
48 L & T CR	L	40.00 Ft			
Sample Number: 05	<b>Type:</b> R	Area:	4725.00 SqFt	PCI: 92	
Sample Comments:					
48 L & T CR	L	110.00 Ft			
Sample Number: 08	Type: R	Area:	4995.00 SqFt	<b>PCI:</b> 94	
Sample Comments:					
48 L & T CR	L	78.00 Ft			
Sample Number: 11	Type: R	Area:	4825.00 SqFt	<b>PCI:</b> 91	
Sample Comments:					
48 L & T CR	L	124.00 Ft			
Sample Number: 14	Type: R	Area:	3431.00 SqFt	PCI: 88	
<b>Sample Comments:</b>					

48 L & T CR L 131.00 Ft

Network: PO1		Na	me: Poplar Municip	al Airport		
Branch: TW	Na	me: Taxiway	Use	TAXIWAY	Area:	86,130 SqFt
Section: 02	of 3	From: T-1		To: End		<b>Last Const.:</b> 9/1/2009
Surface: AC	Family: DEFAU	JLT Zon	ne: POPL	Category: D		Rank: P
Area:	7,380 SqFt Lo	ength: 369	Ft Width:	20 Ft		
Slabs:	Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft
Shoulder:	Street Type: A	CM	Grade: 0		Lanes: 0	
<b>Section Comments:</b>						
Work Date: 9/1/2009	Work Type	: New Construction - Ini	itial	Code: NU-IN	Is Major	M&R: True
Work Date: 7/4/2021	Work Type	: Surface Seal		Code: SS-LO	Is Major	M&R: False
Work Date: 7/4/2021	Work Type	: Crack Sealing - AC		Code: CS-AC	Is Major	M&R: False
Last Insp. Date: 10/20	0/2021	TotalSamples: 3	Surve	yed: 3		
Conditions: PCI:	92					
<b>Inspection Comments:</b>						
Sample Number: 01	Туре:	R Area:	2460.00 SqFt	<b>PCI:</b> 85		
<b>Sample Comments:</b>						
48 L & T CR	L	121.00 Ft				
Sample Number: 02	Туре:	R Area:	2460.00 SqFt	<b>PCI:</b> 100	)	
Sample Comments:						
<no distress=""></no>						
Sample Number: 03	Type:	R Area:	2460.00 SqFt	<b>PCI:</b> 92		
Sample Comments:						
48 L & T CR	L	54.00 Ft				

Network: PO1		Name	Poplar Municipal A	Airport	
Branch: TW	Name:	Taxiway	Use:	TAXIWAY	Area: 86,130 SqFt
Section: 03	of 3 F	rom: R-1		<b>To:</b> R-1	Last Const.: 9/1/2009
Surface: AC	Family: DEFAULT	Zone:	POPL	Category: D	Rank: P
<b>Area:</b> 22,05	50 SqFt Length:	630 Ft	Width:	35 Ft	
Slabs:	Slab Length:	Ft S	lab Width:	Ft	Joint Length: Ft
Shoulder:	Street Type: ACM	(	Grade: 0		Lanes: 0
<b>Section Comments:</b>					
Work Date: 9/1/2009	Work Type: New O	Construction - Initial	Coo	de: NU-IN	Is Major M&R: True
<b>Work Date:</b> 7/4/2021	Work Type: Surface	e Seal	Coo	de: SS-LO	Is Major M&R: False
<b>Work Date:</b> 7/4/2021	Work Type: Crack	Sealing - AC	Coo	de: CS-AC	Is Major M&R: False
<b>Last Insp. Date:</b> 10/20/202	21 TotalSa	mples: 67	Surveyed	: 4	
Conditions: PCI: 93					
<b>Inspection Comments:</b>					
Sample Number: 01	Type: R	Area:	3775.00 SqFt	<b>PCI:</b> 90	
<b>Sample Comments:</b>					
48 L & T CR	L	107.00 Ft			
Sample Number: 03	Type: R	Area:	3775.00 SqFt	PCI: 93	
<b>Sample Comments:</b>					
48 L & T CR	L	76.00 Ft			
Sample Number: 04	Type: R	Area:	3775.00 SqFt	PCI: 93	
<b>Sample Comments:</b>					
48 L & T CR	L	66.00 Ft			
Sample Number: 06	Type: R	Area:	3775.00 SqFt	<b>PCI:</b> 95	
<b>Sample Comments:</b>					
48 L & T CR	L	30.00 Ft			