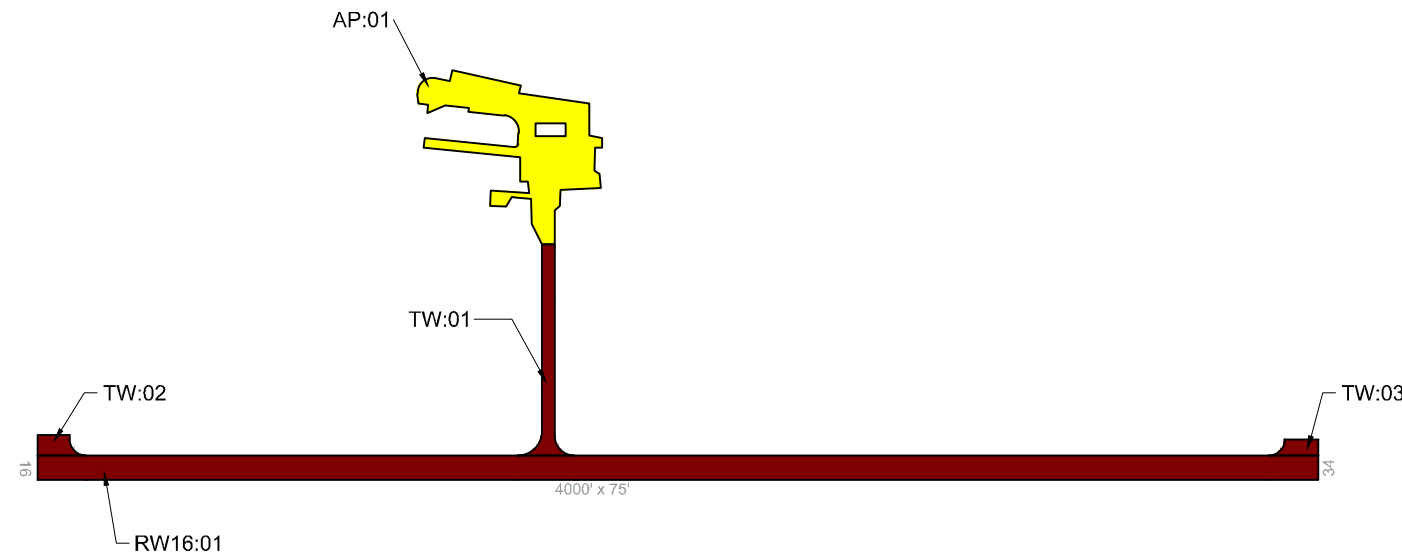


Plotted By: Lecky, Chance. Sheet: Sak: kha - Layout: PCI - November 02, 2021 10:18:27am K:\ORL\Aviation\24025001 - MDT 2021 SASP PCI Update\CADD\Airports\RED - Red Lodge Airport\Exhibits\RED - PCI Exhibit.dwg
 This document, together with the concepts and designs presented herein, is an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kinney-Hon and Associates, Inc. shall be without liability to Kinney-Hon and Associates, Inc.



LEGEND

—	BRANCH IDENTIFIER
RW01:10	SECTION IDENTIFIER
—	SECTION BOUNDARY
	PCI 86-100 GOOD
	PCI 71-85 SATISFACTORY
	PCI 56-70 FAIR
	PCI 41-55 POOR
	PCI 26-40 VERY POOR
	PCI 11-25 SERIOUS
	PCI 0-10 FAILED

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	362,250	11.8	1/1/1968	8/19/2021	62	Fair
RW16	01	Runway 16-34	AC	300,000	11.8	1/1/1968	8/19/2021	17	Serious
TW	01	Taxiway	AC	26,400	11.8	1/1/1968	8/19/2021	19	Serious
TW	02	Taxiway	AC	7,029	11.8	1/1/1968	8/19/2021	14	Serious
TW	03	Taxiway	AC	5,788	11.8	1/1/1968	8/19/2021	16	Serious

AIRFIELD PAVEMENT WORK HISTORY

- 1968, NEW AIRPORT CONSTRUCTION (HISTORICAL AERIAL).



Runway



RW16-01-16: Alligator Cracking



RW16-01-32: Block Cracking

Taxiway



TW03-01: Raveling



TW01-01: Patching

Apron



AP01-04: Depression



AP01-19: L&T Cracking

Re-Inspection Report

MDT SASP 2021

Generated Date 12/16/2021

Page 1 of 5

Network:	RED	Name:	Red Lodge Airport		
Branch:	AP	Name:	Apron	Use:	APRON
		Area:	362,250 SqFt		
Section:	01	of 1	From:	TW-01	To: RW16
			Last Const.:	1/1/1968	
Surface:	AC	Family:	DEFAULT	Zone:	
		Category:		Rank:	P
Area:	362,250 SqFt	Length:	630 Ft	Width:	575 Ft
Slabs:		Slab Length:	Ft	Slab Width:	Ft
		Joint Length:		Joint Length:	Ft
Shoulder:		Street Type:		Grade:	0
		Lanes:		Lanes:	0

Section Comments:

Work Date: 1/1/1968	Work Type: New Construction - AC	Code: NC-AC	Is Major M&R: True
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Last Insp. Date: 8/19/2021	Total Samples: 6	Surveyed: 6
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Conditions: PCI: 62

Inspection Comments:

Sample Number: 04	Type: R	Area: 6220.00 SqFt	PCI: 55
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Sample Comments:

41	ALLIGATOR CR	L	20.00	SqFt
45	DEPRESSION	L	42.00	SqFt
48	L & T CR	L	336.00	Ft
48	L & T CR	M	50.00	Ft
52	RAVELING	L	3110.00	SqFt
57	WEATHERING	L	3110.00	SqFt

Sample Number: 10	Type: R	Area: 3450.00 SqFt	PCI: 64
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Sample Comments:

48	L & T CR	L	125.00	Ft
48	L & T CR	M	40.00	Ft
52	RAVELING	L	3450.00	SqFt

Sample Number: 11	Type: R	Area: 5050.00 SqFt	PCI: 65
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Sample Comments:

48	L & T CR	L	178.00	Ft
48	L & T CR	M	50.00	Ft
52	RAVELING	L	2525.00	SqFt
57	WEATHERING	L	2525.00	SqFt

Sample Number: 12	Type: R	Area: 5753.00 SqFt	PCI: 60
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Sample Comments:

41	ALLIGATOR CR	L	24.00	SqFt
48	L & T CR	L	356.00	Ft
48	L & T CR	M	50.00	Ft
52	RAVELING	L	2877.00	SqFt
57	WEATHERING	L	2876.00	SqFt

Sample Number: 16	Type: R	Area: 5410.00 SqFt	PCI: 64
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Sample Comments:

48	L & T CR	L	181.00	Ft
48	L & T CR	M	100.00	Ft
52	RAVELING	L	5410.00	SqFt

Sample Number: 19	Type: R	Area: 4829.00 SqFt	PCI: 66
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Sample Comments:

48	L & T CR	L	192.00	Ft
48	L & T CR	M	75.00	Ft
52	RAVELING	L	1932.00	SqFt
57	WEATHERING	L	2897.00	SqFt

Network:	RED	Name:	Red Lodge Airport						
Branch:	RW16	Name:	Runway 16-34	Use:	RUNWAY	Area:	300,000 SqFt		
Section:	01	of	1	From:	-	To:	-	Last Const.:	1/1/1968
Surface:	AC	Family:	DEFAULT	Zone:		Category:		Rank:	P
Area:	300,000 SqFt	Length:	4,000 Ft	Width:	75 Ft				
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft		
Shoulder:		Street Type:		Grade:	0	Lanes:	0		
Section Comments:									
Work Date:	1/1/1968	Work Type:	New Construction - AC		Code:	NC-AC	Is Major M&R:	True	
Last Insp. Date:	8/19/2021	TotalSamples:	6		Surveyed:	6			
Conditions:	PCI: 17								
Inspection Comments:									
Sample Number:	08	Type:	R	Area:	5624.00 SqFt	PCI:	16		
Sample Comments:									
41	ALLIGATOR CR	M	844.00	SqFt					
41	ALLIGATOR CR	H	10.00	SqFt					
43	BLOCK CR	M	4770.00	SqFt					
52	RAVELING	L	5624.00	SqFt					
Sample Number:	16	Type:	R	Area:	5624.00 SqFt	PCI:	17		
Sample Comments:									
41	ALLIGATOR CR	L	281.00	SqFt					
41	ALLIGATOR CR	M	562.00	SqFt					
43	BLOCK CR	M	4781.00	SqFt					
45	DEPRESSION	L	20.00	SqFt					
52	RAVELING	L	5624.00	SqFt					
Sample Number:	24	Type:	R	Area:	5624.00 SqFt	PCI:	17		
Sample Comments:									
41	ALLIGATOR CR	L	562.00	SqFt					
41	ALLIGATOR CR	M	562.00	SqFt					
43	BLOCK CR	M	4500.00	SqFt					
52	RAVELING	L	5624.00	SqFt					
Sample Number:	32	Type:	R	Area:	5624.00 SqFt	PCI:	16		
Sample Comments:									
41	ALLIGATOR CR	M	1406.00	SqFt					
43	BLOCK CR	M	4218.00	SqFt					
52	RAVELING	L	5624.00	SqFt					
Sample Number:	40	Type:	R	Area:	5624.00 SqFt	PCI:	18		
Sample Comments:									
41	ALLIGATOR CR	L	281.00	SqFt					
41	ALLIGATOR CR	M	562.00	SqFt					
42	BLEEDING	N	10.00	SqFt					
43	BLOCK CR	M	4781.00	SqFt					
52	RAVELING	L	5624.00	SqFt					
Sample Number:	48	Type:	R	Area:	5624.00 SqFt	PCI:	20		
Sample Comments:									
41	ALLIGATOR CR	L	281.00	SqFt					
41	ALLIGATOR CR	M	844.00	SqFt					
42	BLEEDING	N	50.00	SqFt					
45	DEPRESSION	L	9.00	SqFt					
52	RAVELING	L	5624.00	SqFt					
53	RUTTING	L	150.00	SqFt					

Network: RED **Name:** Red Lodge Airport

Branch: TW **Name:** Taxiway **Use:** TAXIWAY **Area:** 39,217 SqFt

Section: 01 of 3 **From:** AP-01 **To:** RW16 **Last Const.:** 1/1/1968

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** P

Area: 26,400 SqFt **Length:** 660 Ft **Width:** 40 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Work Date: 1/1/1968 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Last Insp. Date: 8/19/2021 **TotalSamples:** 4 **Surveyed:** 4

Conditions: PCI: 19

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 6980.00 SqFt **PCI:** 23

Sample Comments:

41	ALLIGATOR CR	M	664.00	SqFt
42	BLEEDING	N	246.00	SqFt
43	BLOCK CR	L	5977.00	SqFt
50	PATCHING	L	195.00	SqFt
50	PATCHING	M	144.00	SqFt
52	RAVELING	L	6621.00	SqFt
52	RAVELING	H	20.00	SqFt

Sample Number: 02 **Type:** R **Area:** 6400.00 SqFt **PCI:** 17

Sample Comments:

41	ALLIGATOR CR	L	560.00	SqFt
41	ALLIGATOR CR	M	560.00	SqFt
43	BLOCK CR	L	4480.00	SqFt
50	PATCHING	L	800.00	SqFt
52	RAVELING	L	5580.00	SqFt
52	RAVELING	H	20.00	SqFt

Sample Number: 04 **Type:** R **Area:** 5000.00 SqFt **PCI:** 17

Sample Comments:

41	ALLIGATOR CR	L	500.00	SqFt
41	ALLIGATOR CR	M	500.00	SqFt
42	BLEEDING	N	100.00	SqFt
43	BLOCK CR	L	4000.00	SqFt
52	RAVELING	L	4980.00	SqFt
52	RAVELING	H	20.00	SqFt

Sample Number: 05 **Type:** R **Area:** 5000.00 SqFt **PCI:** 20

Sample Comments:

41	ALLIGATOR CR	L	500.00	SqFt
41	ALLIGATOR CR	M	500.00	SqFt
42	BLEEDING	N	50.00	SqFt
43	BLOCK CR	L	4000.00	SqFt
52	RAVELING	L	5000.00	SqFt

Network:	RED	Name:	Red Lodge Airport						
Branch:	TW	Name:	Taxiway	Use:	TAXIWAY	Area:	39,217 SqFt		
Section:	02	of 3	From:	RW16	To:	-	Last Const.:	1/1/1968	
Surface:	AC	Family:	DEFAULT	Zone:		Category:		Rank:	P
Area:	7,029 SqFt	Length:	100 Ft	Width:	65 Ft				
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft		
Shoulder:		Street Type:		Grade:	0	Lanes:	0		
Section Comments:									
Work Date:	1/1/1968	Work Type:	New Construction - AC		Code:	NC-AC	Is Major M&R:	True	
Last Insp. Date:	8/19/2021	TotalSamples:	1	Surveyed:	1				
Conditions:	PCI: 14								
Inspection Comments:									
Sample Number:	01	Type:	R	Area:	7029.00 SqFt	PCI:	14		
Sample Comments:									
41	ALLIGATOR CR	M	1751.00	SqFt					
43	BLOCK CR	M	5251.00	SqFt					
50	PATCHING	M	27.00	SqFt					
52	RAVELING	L	6962.00	SqFt					
52	RAVELING	H	40.00	SqFt					

Network: RED **Name:** Red Lodge Airport

Branch: TW **Name:** Taxiway **Use:** TAXIWAY **Area:** 39,217 SqFt

Section: 03 of 3 **From:** - **To:** - **Last Const.:** 1/1/1968

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** P

Area: 5,788 SqFt **Length:** 105 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Work Date: 1/1/1968 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Last Insp. Date: 8/19/2021 **TotalSamples:** 1 **Surveyed:** 1

Conditions: PCI: 16

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5788.00 SqFt **PCI:** 16

Sample Comments:

41	ALLIGATOR CR	L	289.00	SqFt
41	ALLIGATOR CR	M	289.00	SqFt
42	BLEEDING	N	100.00	SqFt
43	BLOCK CR	M	5210.00	SqFt
52	RAVELING	L	5778.00	SqFt
52	RAVELING	H	10.00	SqFt