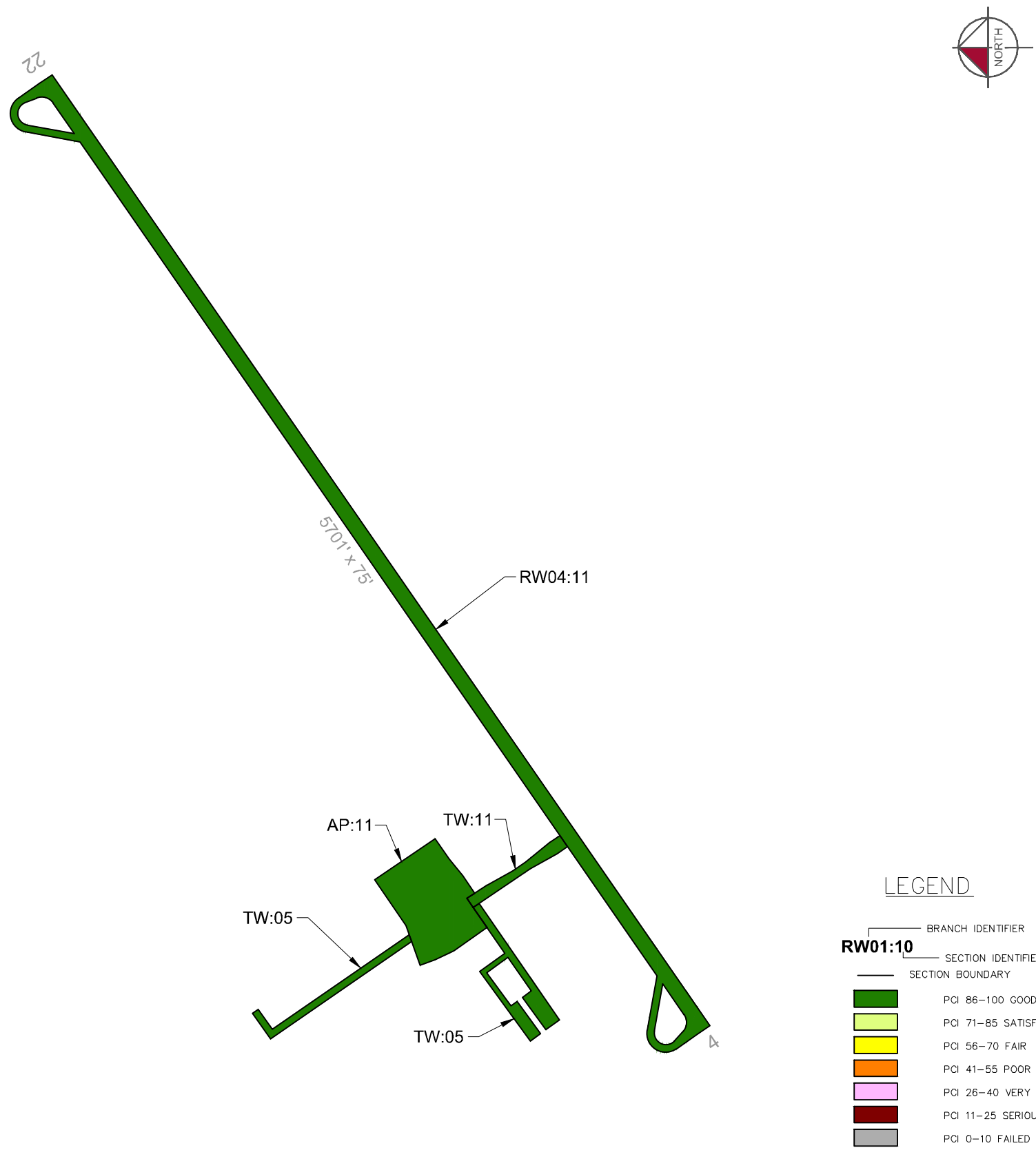


Plotted By: Lecky, Chance Sheet Set: kha - Layout: PCI - November 02, 2021 10:55:14am K:\ORL\Aviation\24025001 - MDT 2021 SAP - PCI Update\CADD\Airports\LVM - Mission Field (Livingston) Airport\Exhibits\LVM - PCI Exhibit.dwg
 This document, together with the concepts and designs presented herein, is 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. will be without liability to Kinney-Hon and Associates, Inc.



LEGEND

—	BRANCH IDENTIFIER
—	SECTION IDENTIFIER
—	SECTION BOUNDARY
■ (Green)	PCI 86-100 GOOD
■ (Light Green)	PCI 71-85 SATISFACTORY
■ (Yellow)	PCI 56-70 FAIR
■ (Orange)	PCI 41-55 POOR
■ (Pink)	PCI 26-40 VERY POOR
■ (Red)	PCI 11-25 SERIOUS
■ (Grey)	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	11	Apron	AC	183,600	10.2	8/23/2011	8/16/2021	89	Good
RW04	11	Runway 04-22	AC	427,575	10.2	8/25/2011	8/16/2021	88	Good
TW	05	Taxiway	AC	89,775	16.2	8/1/2005	8/16/2021	90	Good
TW	11	Taxiway	AC	16,205	10.1	9/30/2011	8/16/2021	93	Good

AIRFIELD PAVEMENT WORK HISTORY

- ADAP-01, 1972, EXTEND RUNWAY AND CONSTRUCT RUNWAY 22 TURNAROUND.
- AIP-001-1983, CHIP SEAL ALL PAVEMENTS (P-602).
- AIP-002-1993, 1" OVERLAY, APRON EXPANSION, AND CONSTRUCT RUNWAY 22 TURNAROUND EXTENSION.
- AIP-003-2002, CRACK SEAL, FOG SEAL, AND REMARK ALL PAVEMENTS.
- AIP-004-2005, CONSTRUCT TAXIWAYS (TW:05). SELECT ON-SITE BORROW WAS USED TO REPLACE UNSUITABLE SUBGRADE, TYPICALLY RANGING FROM 0" TO 6" (SPOT LOCATIONS WERE AS DEEP AS 4 FT.).
- AIP-006/007-2011, RECONSTRUCT RUNWAY (RW04:11), CONNECTING TAXIWAY (TW:11), AND APRON (AP:11); CONSTRUCT RUNWAY TURNAROUNDS AND APRON EXPANSION; FOG SEAL TAXIWAYS (TW:05). [NEW PAVEMENTS NOT INSPECTED IN 2012.]
- AIP-009-2016, CRACK SEAL, SURFACE SEAL AND REMARK ALL PAVEMENTS.
- AIP-011-2019, CONSTRUCT RUNWAY TURNAROUND WIDENING
- 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

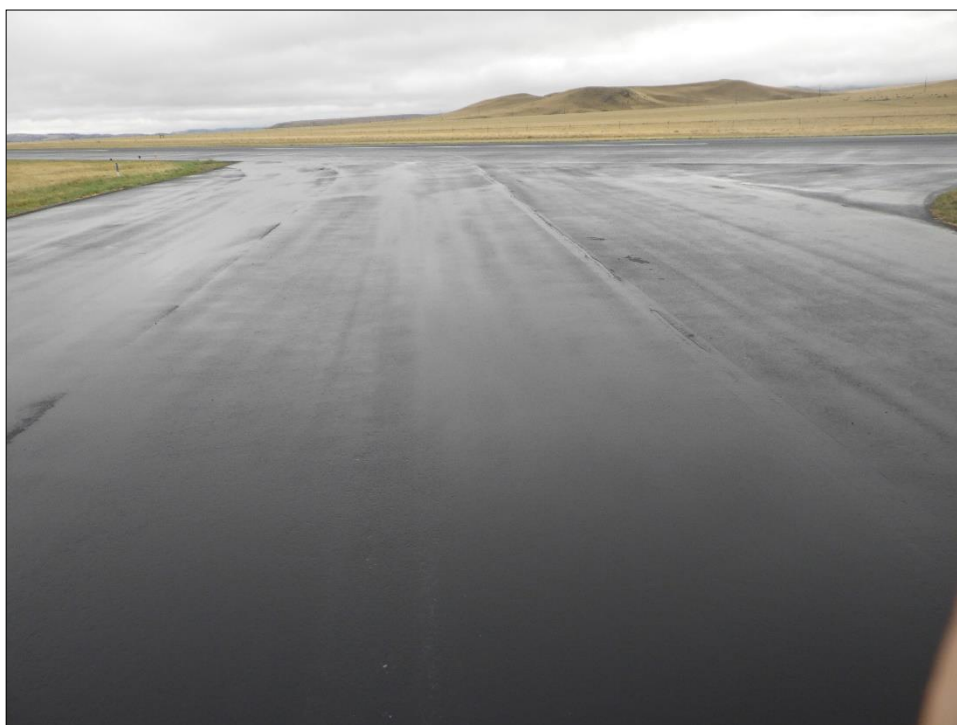


Pavement Condition Index Map
 LVM - MISSION FIELD (LIVINGSTON)
 AIRPORT

Runway



RW04-11-07: L&T Cracking



RW04-11-91: Overview

Taxiway



TW05-01: Overview



TW05-13: L&T Cracking

Apron



AP11-17: L&T Cracking



AP11-31: Overview

Re-Inspection Report

MDT SASP 2021

Generated Date 12/3/2021

Page 1 of 4

Network: LVM **Name:** Mission Field (Livingston) Airport

Branch: AP **Name:** Apron **Use:** APRON **Area:** 183,600 SqFt

Section: 11 of 1 **From:** T-11 **To:** T-5 **Last Const.:** 8/23/2011

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

Area: 183,600 SqFt **Length:** 510 Ft **Width:** 360 Ft

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

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

Section Comments:

Work Date: 8/23/2011 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 8/1/2021 **Work Type:** Surface Seal **Code:** SS-LO **Is Major M&R:** False

Work Date: 8/1/2021 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Last Insp. Date: 8/16/2021 **Total Samples:** 40 **Surveyed:** 6

Conditions: PCI: 89

Inspection Comments:

Sample Number: 03 **Type:** R **Area:** 4335.00 SqFt **PCI:** 96

Sample Comments:

48 L & T CR L 31.00 Ft

Sample Number: 10 **Type:** R **Area:** 4335.00 SqFt **PCI:** 93

Sample Comments:

48 L & T CR L 82.00 Ft

Sample Number: 17 **Type:** R **Area:** 4335.00 SqFt **PCI:** 84

Sample Comments:

48 L & T CR L 250.00 Ft

Sample Number: 23 **Type:** R **Area:** 4335.00 SqFt **PCI:** 88

Sample Comments:

48 L & T CR L 158.00 Ft

Sample Number: 31 **Type:** R **Area:** 4335.00 SqFt **PCI:** 84

Sample Comments:

48 L & T CR L 171.00 Ft
57 WEATHERING L 1084.00 SqFt

Sample Number: 38 **Type:** R **Area:** 4659.00 SqFt **PCI:** 88

Sample Comments:

48 L & T CR L 185.00 Ft

Network:	LVM	Name:	Mission Field (Livingston) Airport				
Branch:	RW04	Name:	Runway 04-22	Use:	RUNWAY	Area:	427,575 SqFt
Section:	11	of 1	From:	STA 0+00	To:	STA 57+01	Last Const.: 8/25/2011
Surface:	AC	Family:	DEFAULT	Zone:	LIVI	Category:	H
Area:	427,575 SqFt	Length:	5,701 Ft	Width:	75 Ft	Rank:	P
Slabs:	Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft	
Shoulder:	Street Type:	ACH	Grade:	0	Lanes:	0	
Section Comments:							
Work Date:	8/25/2011	Work Type:	New Construction - Initial		Code:	NU-IN	Is Major M&R: True
Work Date:	8/1/2021	Work Type:	Surface Seal		Code:	SS-LO	Is Major M&R: False
Work Date:	8/1/2021	Work Type:	Crack Sealing - AC		Code:	CS-AC	Is Major M&R: False
Last Insp. Date:	8/16/2021	TotalSamples:	96	Surveyed:	7		
Conditions:	PCI: 88	Inspection Comments:					
Sample Number:	07	Type:	R	Area:	4875.00 SqFt	PCI:	89
Sample Comments:							
48	L & T CR	L	158.00	Ft			
Sample Number:	21	Type:	R	Area:	4875.00 SqFt	PCI:	85
Sample Comments:							
48	L & T CR	L	256.00	Ft			
Sample Number:	35	Type:	R	Area:	4875.00 SqFt	PCI:	89
Sample Comments:							
48	L & T CR	L	166.00	Ft			
Sample Number:	49	Type:	R	Area:	4875.00 SqFt	PCI:	87
Sample Comments:							
48	L & T CR	L	204.00	Ft			
Sample Number:	63	Type:	R	Area:	4875.00 SqFt	PCI:	88
Sample Comments:							
48	L & T CR	L	186.00	Ft			
Sample Number:	77	Type:	R	Area:	4875.00 SqFt	PCI:	85
Sample Comments:							
48	L & T CR	L	241.00	Ft			
Sample Number:	91	Type:	R	Area:	4900.00 SqFt	PCI:	89
Sample Comments:							
48	L & T CR	L	157.00	Ft			

Network:	LVM	Name:	Mission Field (Livingston) Airport						
Branch:	TW	Name:	Taxiway	Use:	TAXIWAY	Area:	105,980 SqFt		
Section:	05	of 2	From:	T-1 / A-1	To:	HANGARS	Last Const.:	8/1/2005	
Surface:	AC	Family:	DEFAULT	Zone:	LIVI	Category:	G	Rank:	P
Area:	89,775 SqFt	Length:	2,565 Ft	Width:	35 Ft				
Slabs:	Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft			
Shoulder:	Street Type:	ACH	Grade:	0	Lanes:	0			
Section Comments:									
Work Date:	8/1/2005	Work Type:	New Construction - Initial		Code:	NU-IN	Is Major M&R:	True	
Work Date:	8/1/2021	Work Type:	Crack Sealing - AC		Code:	CS-AC	Is Major M&R:	False	
Work Date:	8/1/2021	Work Type:	Surface Seal		Code:	SS-LO	Is Major M&R:	False	
Last Insp. Date:	8/16/2021	TotalSamples:	19	Surveyed:	5				
Conditions:	PCI: 90								
Inspection Comments:									
Sample Number:	01	Type:	R	Area:	4900.00 SqFt	PCI:	84		
Sample Comments:									
48	L & T CR	L	264.00	Ft					
Sample Number:	05	Type:	R	Area:	4900.00 SqFt	PCI:	93		
Sample Comments:									
48	L & T CR	L	89.00	Ft					
Sample Number:	09	Type:	R	Area:	5000.00 SqFt	PCI:	89		
Sample Comments:									
48	L & T CR	L	171.00	Ft					
Sample Number:	13	Type:	R	Area:	4200.00 SqFt	PCI:	93		
Sample Comments:									
48	L & T CR	L	72.00	Ft					
Sample Number:	17	Type:	R	Area:	4935.00 SqFt	PCI:	89		
Sample Comments:									
48	L & T CR	L	160.00	Ft					

Network:	LVM	Name:	Mission Field (Livingston) Airport						
Branch:	TW	Name:	Taxiway	Use:	TAXIWAY	Area:	105,980 SqFt		
Section:	11	of 2	From:	RUNWAY	To:	APRON	Last Const.: 9/30/2011		
Surface:	AC	Family:	DEFAULT	Zone:	LIVI	Category:	H	Rank:	P
Area:	16,205 SqFt	Length:	463 Ft	Width:	35 Ft				
Slabs:	Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft			
Shoulder:	Street Type:	ACH	Grade:	0	Lanes:	0			
Section Comments:									
Work Date:	9/30/2011	Work Type:	New Construction - Initial		Code:	NU-IN	Is Major M&R:	True	
Work Date:	8/1/2021	Work Type:	Crack Sealing - AC		Code:	CS-AC	Is Major M&R:	False	
Work Date:	8/1/2021	Work Type:	Surface Seal		Code:	SS-LO	Is Major M&R:	False	
Last Insp. Date:	8/16/2021	TotalSamples:	6	Surveyed:	3				
Conditions:	PCI:	93							
Inspection Comments:									
Sample Number:	02	Type:	R	Area:	4986.00 SqFt	PCI:	94		
Sample Comments:									
48	L & T CR	L	81.00	Ft					
Sample Number:	04	Type:	R	Area:	4107.00 SqFt	PCI:	100		
Sample Comments:									
<No Distress>									
Sample Number:	06	Type:	R	Area:	4911.00 SqFt	PCI:	86		
Sample Comments:									
48	L & T CR	L	225.00	Ft					