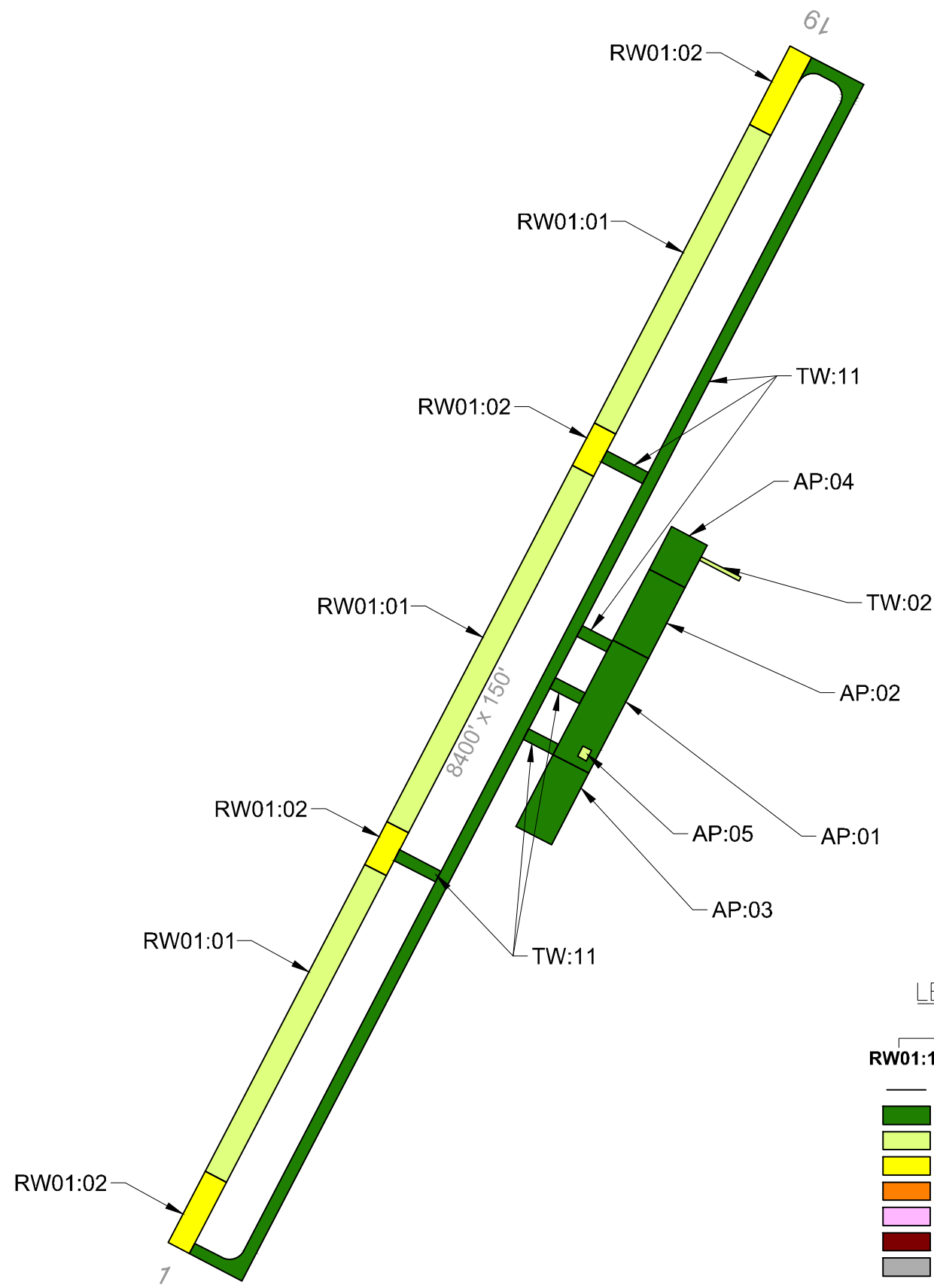


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LEGEND

- BRANCH IDENTIFIER
- 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	195,680	4.2	7/1/2017	9/13/2021	94	Good
AP	02	Apron	AC	125,000	4.2	7/1/2017	9/13/2021	94	Good
AP	03	Apron	AC	125,000	4.2	7/1/2017	9/13/2021	94	Good
AP	04	Apron	AC	75,000	4.2	7/1/2017	9/13/2021	94	Good
AP	05	Apron	PCC	4,320	33.2	9/30/1988	9/13/2021	78	Satisfactory
RW01	01	Runway 01-19	AAC	1,012,500	18.4	8/1/2003	9/13/2021	72	Satisfactory
RW01	02	Runway 01-19	AAC	247,500	18.4	8/1/2003	9/13/2021	69	Fair
TW	02	Taxiway	AC	7,000	28.2	9/30/1993	9/13/2021	71	Satisfactory
TW	11	Taxiway	AAC	750,000	5.1	11/4/2016	9/13/2021	94	Good

AIRFIELD PAVEMENT WORK HISTORY

- SEPT. 1969, CRITICAL AIRCRAFT IS 100,000 LBS. (737) ON DUAL GEAR. ESTIMATED SINGLE WHEEL LOADING.
- AIP-003-1991, CONSTRUCT ACCESS TAXIWAY (TW:02); REHABILITATE APRON (AP:04).
- AIP-005-2003, OVERLAY AND GROOVE RUNWAY 1/19 (RW01:01,RW01:02).
- AIP-014-2013, CRACK SEAL, FOG SEAL, AND REMARK PAVEMENTS; RESEAL CONCRETE JOINTS (AP:05).
- AIP-018-2016, MILL AND OVERLAY APRON (AP:01,AP:02,AP:03,AP:04) AND TAXIWAY (TW:11). [APRONS NOT INSPECTED 2018].

MONTANA AVIATION SYSTEM PLAN
2021 PAVEMENT CONDITION INDEXES
PREPARED FOR
Montana Department of Transportation
Division of Aeronautics



Pavement Condition Index Map
WYS - YELLOWSTONE (WEST
YELLOWSTONE) AIRPORT

Runway



RW01-01-85: L&T Cracking



RW01-02-28: Depression

Taxiway



TW02-02: L&T Cracking



TW11-145: Weathering

Apron



AP03-02: Overview



AP05-01: Corner Break

Re-Inspection Report

MDT SASP 2021

Page 1 of 9

Generated Date 12/15/2021

Network: WYS **Name:** Yellowstone Airport

Branch: AP **Name:** Apron **Use:** APRON **Area:** 525,000SqFt

Section: 01 of 5 **From:** STA 5+00A **To:** STA 14+00A **Last Const.:** 7/1/2017

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

Area: 195,680SqFt **Length:** 800Ft **Width:** 250Ft

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

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

Section Comments:

Work Date: 7/30/1980 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 7/1/2017 **Work Type:** Mill and Overlay **Code:** ML-OL **Is Major M&R:** True

Last Insp. Date: 9/13/2021 **TotalSamples:** 39 **Surveyed:** 5

Conditions: PCI: 94

Inspection Comments:

Sample Number: 16 **Type:** R **Area:** 5000.00SqFt **PCI:** 94

Sample Comments:

57 WEATHERING L 5000.00 SqFt

Sample Number: 18 **Type:** R **Area:** 5000.00SqFt **PCI:** 94

Sample Comments:

57 WEATHERING L 5000.00 SqFt

Sample Number: 21 **Type:** R **Area:** 5000.00SqFt **PCI:** 94

Sample Comments:

57 WEATHERING L 5000.00 SqFt

Sample Number: 31 **Type:** R **Area:** 5000.00SqFt **PCI:** 94

Sample Comments:

57 WEATHERING L 5000.00 SqFt

Sample Number: 35 **Type:** R **Area:** 5200.00SqFt **PCI:** 94

Sample Comments:

57 WEATHERING L 5200.00 SqFt

Network:	WYS		Name:	Yellowstone Airport					
Branch:	AP	Name:	Apron	Use:	APRON	Area:	525,000SqFt		
Section:	02	of	5	From:	STA 13+00A	To:	STA 18+00A	Last Const.:	7/1/2017
Surface:	AC	Family:	DEFAULT	Zone:	YELL	Category:	F	Rank:	P
Area:	125,000SqFt	Length:	500Ft	Width:	250Ft				
Slabs:	Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft			
Shoulder:	Street Type:	ACS	Grade:	0	Lanes:	0			
Section Comments:									
Work Date:	7/30/1980	Work Type:	New Construction - Initial		Code:	NU-IN	Is Major M&R:	True	
Work Date:	7/1/2017	Work Type:	Mill and Overlay		Code:	ML-OL	Is Major M&R:	True	
Last Insp. Date:	9/13/2021	TotalSamples:	25	Surveyed:	6				
Conditions:	PCI:	94							
Inspection Comments:									
Sample Number:	02	Type:	R	Area:	4800.00SqFt	PCI:	94		
Sample Comments:									
57	WEATHERING	L	4800.00	SqFt					
Sample Number:	04	Type:	R	Area:	4800.00SqFt	PCI:	94		
Sample Comments:									
57	WEATHERING	L	4800.00	SqFt					
Sample Number:	08	Type:	R	Area:	5000.00SqFt	PCI:	94		
Sample Comments:									
57	WEATHERING	L	5000.00	SqFt					
Sample Number:	17	Type:	R	Area:	5000.00SqFt	PCI:	94		
Sample Comments:									
57	WEATHERING	L	5000.00	SqFt					
Sample Number:	19	Type:	R	Area:	5000.00SqFt	PCI:	94		
Sample Comments:									
57	WEATHERING	L	5000.00	SqFt					
Sample Number:	23	Type:	R	Area:	5000.00SqFt	PCI:	94		
Sample Comments:									
57	WEATHERING	L	5000.00	SqFt					

Network:	WYS		Name:	Yellowstone Airport			
Branch:	AP	Name:	Apron	Use:	APRON	Area:	525,000SqFt
Section:	03	of 5	From:	STA 0+00A	To:	STA 5+00A	Last Const.: 7/1/2017
Surface:	AC	Family:	DEFAULT	Zone:	YELL	Category:	I
Area:	125,000SqFt	Length:	500Ft	Width:	250Ft	Rank:	P
Slabs:	Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft	
Shoulder:	Street Type:	ACS	Grade:	0	Lanes:	0	
Section Comments:							
Work Date:	7/30/1980	Work Type:	New Construction - Initial		Code:	NU-IN	Is Major M&R: True
Work Date:	7/1/2017	Work Type:	Mill and Overlay		Code:	ML-OL	Is Major M&R: True
Last Insp. Date:	9/13/2021	TotalSamples:	25	Surveyed:	6		
Conditions:	PCI: 94						
Inspection Comments:							
Sample Number:	02	Type:	R	Area:	5000.00SqFt	PCI:	94
Sample Comments:							
57	WEATHERING	L		5000.00 SqFt			
Sample Number:	05	Type:	R	Area:	5000.00SqFt	PCI:	94
Sample Comments:							
57	WEATHERING	L		5000.00 SqFt			
Sample Number:	08	Type:	R	Area:	5000.00SqFt	PCI:	94
Sample Comments:							
57	WEATHERING	L		5000.00 SqFt			
Sample Number:	12	Type:	R	Area:	5000.00SqFt	PCI:	91
Sample Comments:							
48	L & T CR	L		7.00 Ft			
57	WEATHERING	L		5000.00 SqFt			
Sample Number:	16	Type:	R	Area:	5000.00SqFt	PCI:	94
Sample Comments:							
57	WEATHERING	L		5000.00 SqFt			
Sample Number:	23	Type:	R	Area:	5000.00SqFt	PCI:	94
Sample Comments:							
57	WEATHERING	L		5000.00 SqFt			

Network: WYS **Name:** Yellowstone Airport

Branch: AP **Name:** Apron **Use:** APRON **Area:** 525,000SqFt

Section: 04 of 5 **From:** STA 18+00A **To:** STA 21+00A **Last Const.:** 7/1/2017

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

Area: 75,000SqFt **Length:** 300Ft **Width:** 250Ft

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

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

Section Comments:

Work Date: 7/30/1980 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 7/1/2017 **Work Type:** Mill and Overlay **Code:** ML-OL **Is Major M&R:** True

Last Insp. Date: 9/13/2021 **TotalSamples:** 15 **Surveyed:** 5

Conditions: PCI: 94

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5000.00SqFt **PCI:** 94

Sample Comments:

57 WEATHERING L 5000.00 SqFt

Sample Number: 05 **Type:** R **Area:** 5000.00SqFt **PCI:** 94

Sample Comments:

57 WEATHERING L 5000.00 SqFt

Sample Number: 08 **Type:** R **Area:** 5000.00SqFt **PCI:** 94

Sample Comments:

57 WEATHERING L 5000.00 SqFt

Sample Number: 11 **Type:** R **Area:** 5000.00SqFt **PCI:** 94

Sample Comments:

57 WEATHERING L 5000.00 SqFt

Sample Number: 14 **Type:** R **Area:** 5000.00SqFt **PCI:** 94

Sample Comments:

57 WEATHERING L 5000.00 SqFt

Network: WYS **Name:** Yellowstone Airport

Branch: AP **Name:** Apron **Use:** APRON **Area:** 525,000SqFt

Section: 05 of 5 **From:** Fueling Station **To:** **Last Const.:** 9/30/1988

Surface: PCC **Family:** DEFAULT **Zone:** YELL **Category:** P **Rank:** P

Area: 4,320SqFt **Length:** 72Ft **Width:** 60Ft

Slabs: 30 **Slab Length:** 12Ft **Slab Width:** 12Ft **Joint Length:** 588Ft

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

Section Comments:

Work Date: 9/30/1988 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 9/13/2021 **TotalSamples:** 2 **Surveyed:** 2

Conditions: PCI: 78

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 15.00Slabs **PCI:** 75

Sample Comments:

62 CORNER BREAK L 1.00 Slabs

63 LINEAR CR L 2.00 Slabs

65 JT SEAL DMG L 15.00 Slabs

67 LARGE PATCH L 1.00 Slabs

73 SHRINKAGE CR N 3.00 Slabs

Sample Number: 02 **Type:** R **Area:** 15.00Slabs **PCI:** 81

Sample Comments:

63 LINEAR CR L 2.00 Slabs

65 JT SEAL DMG L 15.00 Slabs

73 SHRINKAGE CR N 2.00 Slabs

74 JOINT SPALL L 2.00 Slabs

Network:	WYS		Name:	Yellowstone Airport			
Branch:	RW01	Name:	Runway 01-19	Use:	RUNWAY	Area:	1,260,000SqFt
Section:	01	of 2	From:	STA 5+00 /29+50 /57+50	To:	STA 26+50 /54+50 /78+50	Last Const.: 8/1/2003
Surface:	AAC	Family:	DEFAULT	Zone:	YELL	Category:	I
Area:	1,012,500SqFt	Length:	6,750Ft	Width:	150Ft	Rank:	P
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft
Shoulder:		Street Type:	ACS	Grade:	0	Lanes:	0
Section Comments:							
Work Date:	7/30/1980	Work Type:	New Construction - Initial	Code:	NU-IN	Is Major M&R:	True
Work Date:	8/1/2003	Work Type:	Overlay - AC Structural	Code:	OL-AS	Is Major M&R:	True
Last Insp. Date:	9/13/2021	TotalSamples:	201	Surveyed:	7		
Conditions:	PCI: 72						
Inspection Comments:							
Sample Number:	112	Type:	R	Area:	5000.00SqFt	PCI:	75
Sample Comments:							
48	L & T CR	L	301.00 Ft				
57	WEATHERING	L	4750.00 SqFt				
57	WEATHERING	M	250.00 SqFt				
Sample Number:	143	Type:	R	Area:	5000.00SqFt	PCI:	75
Sample Comments:							
48	L & T CR	L	250.00 Ft				
57	WEATHERING	L	4500.00 SqFt				
57	WEATHERING	M	500.00 SqFt				
Sample Number:	172	Type:	R	Area:	5000.00SqFt	PCI:	72
Sample Comments:							
48	L & T CR	L	377.00 Ft				
57	WEATHERING	L	4750.00 SqFt				
57	WEATHERING	M	250.00 SqFt				
Sample Number:	190	Type:	R	Area:	5000.00SqFt	PCI:	75
Sample Comments:							
48	L & T CR	L	297.00 Ft				
57	WEATHERING	L	4750.00 SqFt				
57	WEATHERING	M	250.00 SqFt				
Sample Number:	27	Type:	R	Area:	5000.00SqFt	PCI:	69
Sample Comments:							
48	L & T CR	L	318.00 Ft				
48	L & T CR	M	9.00 Ft				
57	WEATHERING	L	4750.00 SqFt				
57	WEATHERING	M	250.00 SqFt				
Sample Number:	56	Type:	R	Area:	5000.00SqFt	PCI:	67
Sample Comments:							
48	L & T CR	L	331.00 Ft				
48	L & T CR	M	8.00 Ft				
57	WEATHERING	L	4500.00 SqFt				
57	WEATHERING	M	500.00 SqFt				
Sample Number:	85	Type:	R	Area:	5000.00SqFt	PCI:	72
Sample Comments:							
48	L & T CR	L	268.00 Ft				
48	L & T CR	M	5.00 Ft				
57	WEATHERING	L	4750.00 SqFt				
57	WEATHERING	M	250.00 SqFt				

Network:	WYS		Name:	Yellowstone Airport					
Branch:	RW01	Name:	Runway 01-19	Use:	RUNWAY	Area:	1,260,000SqFt		
Section:	02	of	2	From:	STA0+00/26+50/54+50/78+50	To:	STA5+00/29+50/57+50/84+00	Last Const.:	8/1/2003
Surface:	AAC	Family:	DEFAULT	Zone:	YELL	Category:	I	Rank:	P
Area:	247,500SqFt	Length:	1,650Ft	Width:	150Ft				
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft		
Shoulder:		Street Type:	ACS	Grade:	0	Lanes:	0		
Section Comments:									
Work Date:	7/30/1980	Work Type:	New Construction - Initial		Code:	NU-IN	Is Major M&R:	True	
Work Date:	8/1/2003	Work Type:	Overlay - AC Structural		Code:	OL-AS	Is Major M&R:	True	
Last Insp. Date:	9/13/2021	TotalSamples:	48	Surveyed:	7				
Conditions:	PCI:	69							
Inspection Comments:									
Sample Number:	07	Type:	R	Area:	5000.00SqFt	PCI:	71		
Sample Comments:									
48	L & T CR	L	264.00	Ft					
48	L & T CR	M	28.00	Ft					
57	WEATHERING	L	4750.00	SqFt					
57	WEATHERING	M	250.00	SqFt					
Sample Number:	14	Type:	R	Area:	5000.00SqFt	PCI:	70		
Sample Comments:									
48	L & T CR	L	399.00	Ft					
57	WEATHERING	L	4500.00	SqFt					
57	WEATHERING	M	500.00	SqFt					
Sample Number:	19	Type:	R	Area:	5000.00SqFt	PCI:	70		
Sample Comments:									
48	L & T CR	L	426.00	Ft					
57	WEATHERING	L	4750.00	SqFt					
57	WEATHERING	M	250.00	SqFt					
Sample Number:	28	Type:	R	Area:	5000.00SqFt	PCI:	64		
Sample Comments:									
45	DEPRESSION	L	12.00	SqFt					
48	L & T CR	L	472.00	Ft					
48	L & T CR	M	5.00	Ft					
57	WEATHERING	L	4750.00	SqFt					
57	WEATHERING	M	250.00	SqFt					
Sample Number:	35	Type:	R	Area:	5000.00SqFt	PCI:	71		
Sample Comments:									
48	L & T CR	L	346.00	Ft					
57	WEATHERING	L	4500.00	SqFt					
57	WEATHERING	M	500.00	SqFt					
Sample Number:	43	Type:	R	Area:	5000.00SqFt	PCI:	70		
Sample Comments:									
48	L & T CR	L	441.00	Ft					
57	WEATHERING	L	4750.00	SqFt					
57	WEATHERING	M	250.00	SqFt					
Sample Number:	44	Type:	R	Area:	5000.00SqFt	PCI:	66		
Sample Comments:									
48	L & T CR	L	535.00	Ft					
57	WEATHERING	L	4500.00	SqFt					
57	WEATHERING	M	500.00	SqFt					

Network: WYS **Name:** Yellowstone Airport

Branch: TW **Name:** Taxiway **Use:** TAXIWAY **Area:** 757,000SqFt

Section: 02 of 2 **From:** NE CORNER OF MAIN RAMP **To:** **Last Const.:** 9/30/1993

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

Area: 7,000SqFt **Length:** 280Ft **Width:** 25Ft

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

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

Section Comments:

Work Date: 9/30/1993 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 9/13/2021 **TotalSamples:** 2 **Surveyed:** 2

Conditions: PCI: 71

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3650.00SqFt **PCI:** 66

Sample Comments:

48 L & T CR L 31.00 Ft
48 L & T CR M 1.00 Ft
50 PATCHING L 750.00 SqFt
57 WEATHERING M 2900.00 SqFt

Sample Number: 02 **Type:** R **Area:** 3322.00SqFt **PCI:** 77

Sample Comments:

48 L & T CR L 20.00 Ft
48 L & T CR M 1.00 Ft
57 WEATHERING L 2492.00 SqFt
57 WEATHERING M 830.00 SqFt

Network:	WYS		Name:	Yellowstone Airport			
Branch:	TW	Name:	Taxiway	Use:	TAXIWAY	Area:	757,000SqFt
Section:	11	of 2	From:	STA. 0+00	To:	STA. 84+00	Last Const.: 11/4/2016
Surface:	AAC	Family:	DEFAULT	Zone:		Category:	Rank: P
Area:	750,000SqFt	Length:	8,400Ft	Width:	75Ft		
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft
Shoulder:		Street Type:		Grade:	0	Lanes:	0
Section Comments:							
Work Date:	11/4/2016	Work Type:	New Construction - Initial	Code:	NU-IN	Is Major M&R:	True
Last Insp. Date:	9/13/2021	TotalSamples:	166	Surveyed:	6		
Conditions:	PCI: 94						
Inspection Comments:							
Sample Number:	120	Type:	R	Area:	4875.00SqFt	PCI:	94
Sample Comments:							
57	WEATHERING	L		4875.00 SqFt			
Sample Number:	145	Type:	R	Area:	4875.00SqFt	PCI:	94
Sample Comments:							
57	WEATHERING	L		4875.00 SqFt			
Sample Number:	24	Type:	R	Area:	4875.00SqFt	PCI:	94
Sample Comments:							
57	WEATHERING	L		4875.00 SqFt			
Sample Number:	48	Type:	R	Area:	4875.00SqFt	PCI:	94
Sample Comments:							
57	WEATHERING	L		4875.00 SqFt			
Sample Number:	72	Type:	R	Area:	4875.00SqFt	PCI:	94
Sample Comments:							
57	WEATHERING	L		4875.00 SqFt			
Sample Number:	96	Type:	R	Area:	4875.00SqFt	PCI:	94
Sample Comments:							
57	WEATHERING	L		4875.00 SqFt			