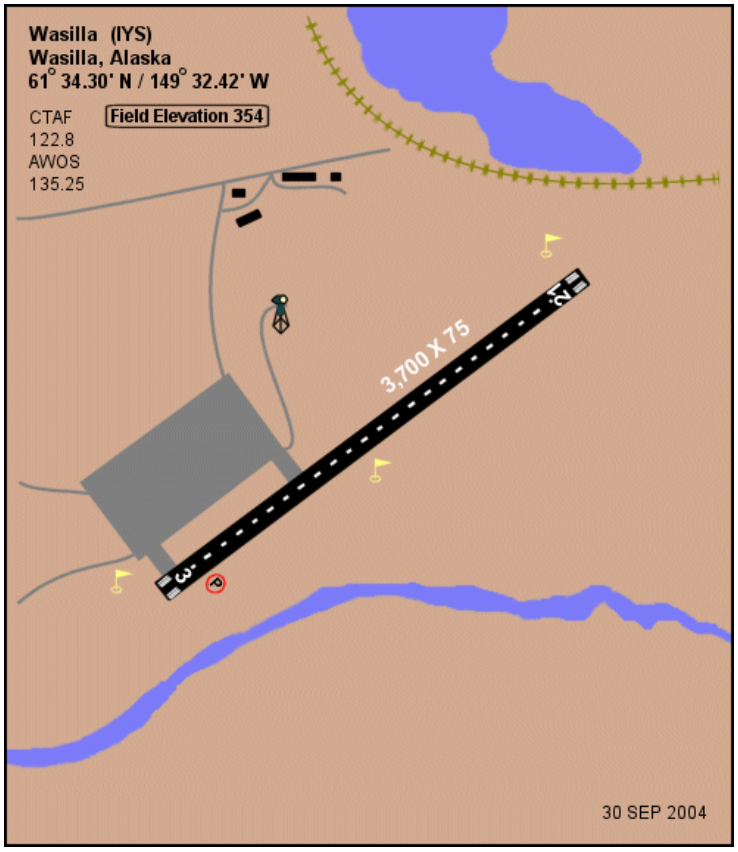

WASILLA AIRPORT

Alaska Airport Pavement Inspection Report

Published October 2020

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Branch Condition Report

Pavement Database: MainPaverDB2020

Branch ID	Number of Sections	Sum Section Length (Ft)	Avg Section Width (Ft)	True Area (SqFt)	Use	Average PCI	Standard Deviation PCI	Weighted Average PCI
0100	2	980.00	40.00	40,980.00	TAXIWAY	61.50	1.50	62.17
0200	3	4,080.00	40.00	164,675.00	TAXIWAY	73.33	11.84	81.56
0300	1	680.00	130.00	88,400.00	TAXIWAY	70.00	0.00	70.00
0400	1	812.00	85.00	57,410.00	TAXIWAY	71.00	0.00	71.00
0600	1	700.00	100.00	70,000.00	TAXIWAY	60.00	0.00	60.00
0810	1	575.00	35.00	20,505.00	TAXIWAY	76.00	0.00	76.00
0820	1	650.00	35.00	24,260.00	TAXIWAY	73.00	0.00	73.00
0830	1	650.00	35.00	24,260.00	TAXIWAY	74.00	0.00	74.00
0840	1	650.00	35.00	24,260.00	TAXIWAY	82.00	0.00	82.00
4100	2	1,400.00	241.50	338,205.00	APRON	69.00	5.00	70.48
4200	1	620.00	120.00	74,255.00	APRON	70.00	0.00	70.00
4300	4	1,600.00	360.00	627,600.00	APRON	86.25	8.38	87.67
6100	1	3,704.00	75.00	277,800.01	RUNWAY	67.00	0.00	67.00

Branch Condition Report

Pavement Database: MainPaverDB2020

Use Category	Number of Sections	Total Area (SqFt)	Arithmetic Average PCI	Average STD PCI	Weighted Average PCI
APRON	7	1,040,060.00	79.00	10.84	80.82
RUNWAY	1	277,800.01	67.00	0.00	67.00
TAXIWAY	12	514,750.00	70.75	8.67	72.96
ALL	20	1,832,610.01	73.45	10.17	76.52

Pavement Database: MainPaverDB2020 *NetworkId: Wasilla*

Branch ID	Section ID	Last Const. Date	Surface	Use	Rank	Lanes	True Area (SqFt)	Last Inspection Date	Age At Inspection	PCI
0100	0100-01	9/1/2000	AC	TAXIWAY	P	0	11,380.00	6/4/2020	20	60
0100	0100-02	9/1/2000	AC	TAXIWAY	P	0	29,600.00	6/4/2020	20	63
0200	0200-01	9/1/2000	AC	TAXIWAY	P	0	10,800.00	6/4/2020	20	59
0200	0200-02	9/1/2000	AC	TAXIWAY	P	0	49,875.00	6/4/2020	20	73
0200	0200-03	7/1/2006	AC	TAXIWAY	P	0	104,000.00	6/4/2020	14	88
0300	0300-01	9/1/2000	AC	TAXIWAY	P	0	88,400.00	6/4/2020	20	70
0400	0400-01	9/1/2000	AC	TAXIWAY	P	0	57,410.00	6/4/2020	20	71
0600	0600-01	9/1/2000	AC	TAXIWAY	P	0	70,000.00	6/4/2020	20	60
0810	0810-01	9/1/2004	AC	TAXIWAY	P	0	20,505.00	6/4/2020	16	76
0820	0820-01	9/1/2004	AC	TAXIWAY	P	0	24,260.00	6/4/2020	16	73
0830	0830-01	9/1/2004	AC	TAXIWAY	P	0	24,260.00	6/4/2020	16	74
0840	0840-01	9/1/2004	AC	TAXIWAY	P	0	24,260.00	6/4/2020	16	82
4100	4100-01	9/1/2000	AC	APRON	P	0	119,000.00	6/4/2020	20	64
4100	4100-02	9/1/2000	AC	APRON	P	0	219,205.00	6/4/2020	20	74
4200	4200-01	9/1/2004	AC	APRON	P	0	74,255.00	6/4/2020	16	70
4300	4300-01	7/1/2006	AC	APRON	P	0	265,000.00	6/4/2020	14	79
4300	4300-02	7/1/2006	AC	APRON	P	0	23,400.00	6/4/2020	14	80
4300	4300-03	8/1/2011	AC	APRON	A	0	121,900.00	6/4/2020	9	86
4300	4300-04	6/4/2020	AC	APRON	A	0	217,300.00	6/5/2020	0	100
6100	6100-01	9/1/2000	AC	RUNWAY	P	0	277,800.01	6/4/2020	20	67

Pavement Database: MainPaverDB2020

Age Category	Average Age at Inspection	Total Area (SqFt)	Number of Sections	Arithmetic Average PCI	Standard Deviation PCI	Weighted Average PCI
00-02		217,300.00	1	100.00	0.00	100.00
06-10	9	121,900.00	1	86.00	0.00	86.00
11-15	14	392,400.00	3	82.33	4.03	81.44
16-20	19	1,101,010.01	15	69.07	6.50	69.07
ALL	17	1,832,610.01	20	73.45	10.17	76.52

Wasilla Municipal Airport

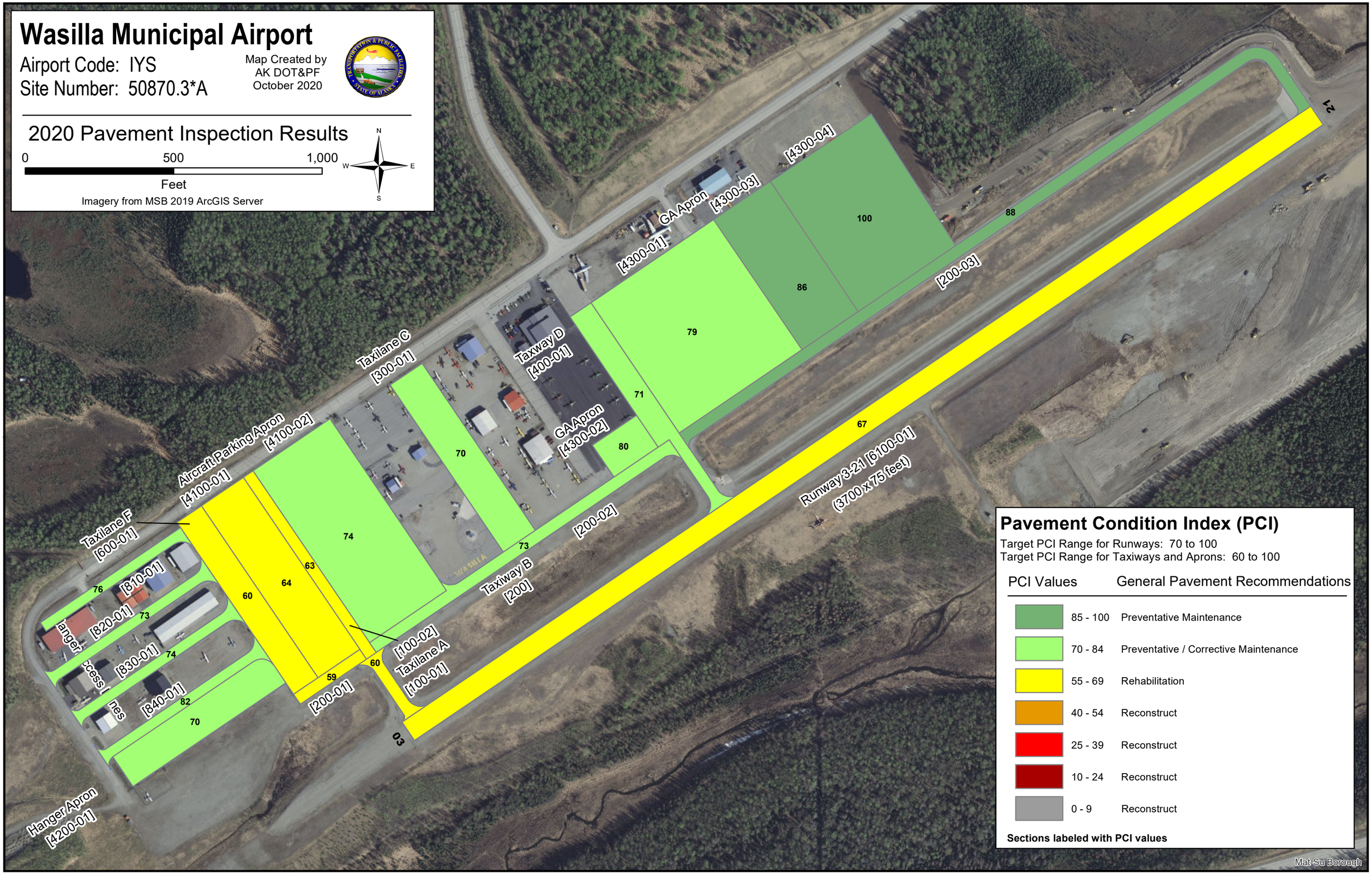
Airport Code: IYS
Site Number: 50870.3*A

Map Created by
AK DOT&PF
October 2020

2020 Pavement Inspection Results

0 500 1,000
Feet

Imagery from MSB 2019 ArcGIS Server



Pavement Condition Index (PCI)

Target PCI Range for Runways: 70 to 100
Target PCI Range for Taxiways and Aprons: 60 to 100

PCI Values	General Pavement Recommendations
85 - 100	Preventative Maintenance
70 - 84	Preventative / Corrective Maintenance
55 - 69	Rehabilitation
40 - 54	Reconstruct
25 - 39	Reconstruct
10 - 24	Reconstruct
0 - 9	Reconstruct

Sections labeled with PCI values

Wasilla Municipal Airport

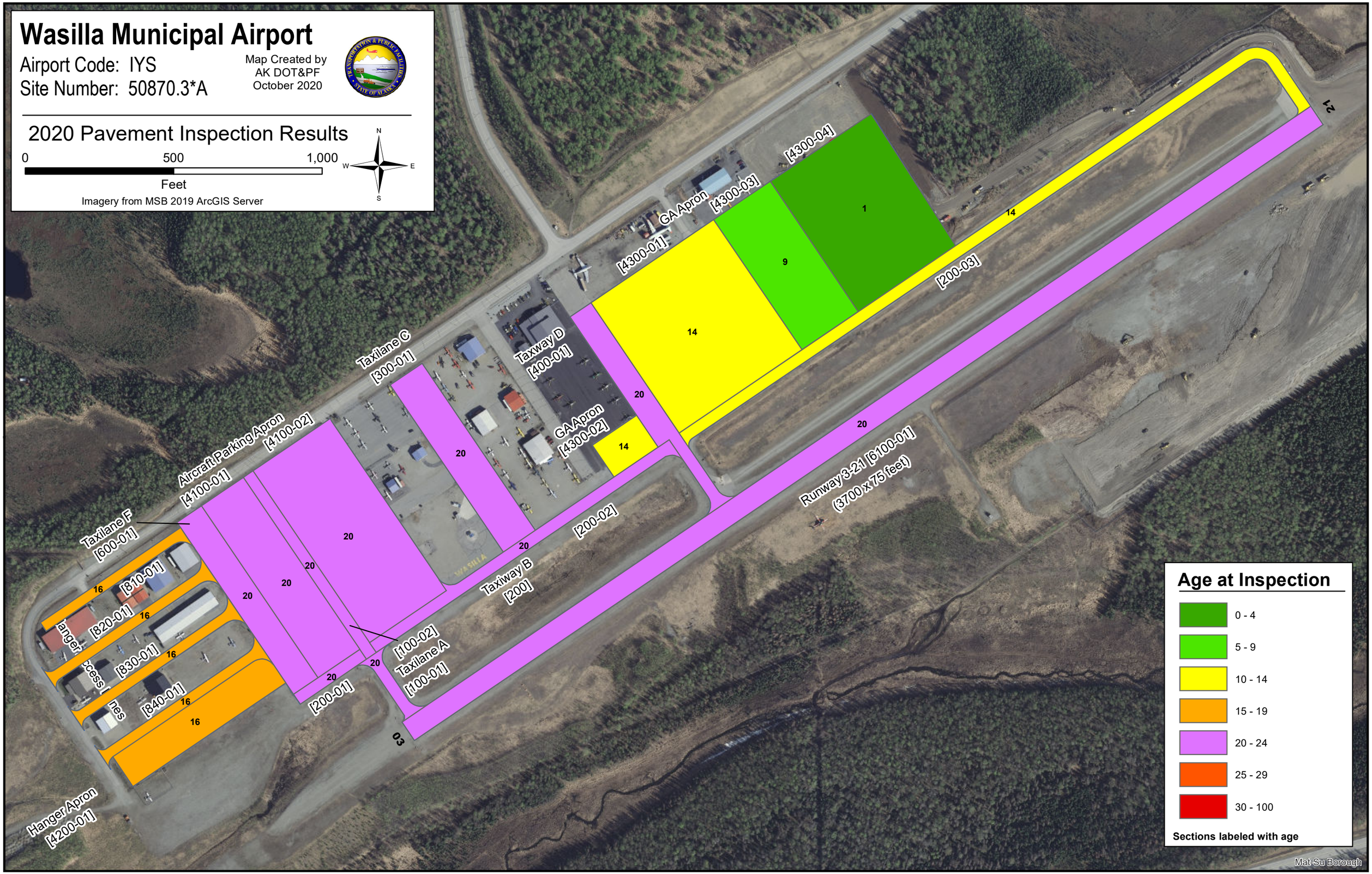
Airport Code: IYS
Site Number: 50870.3*A

Map Created by
AK DOT&PF
October 2020

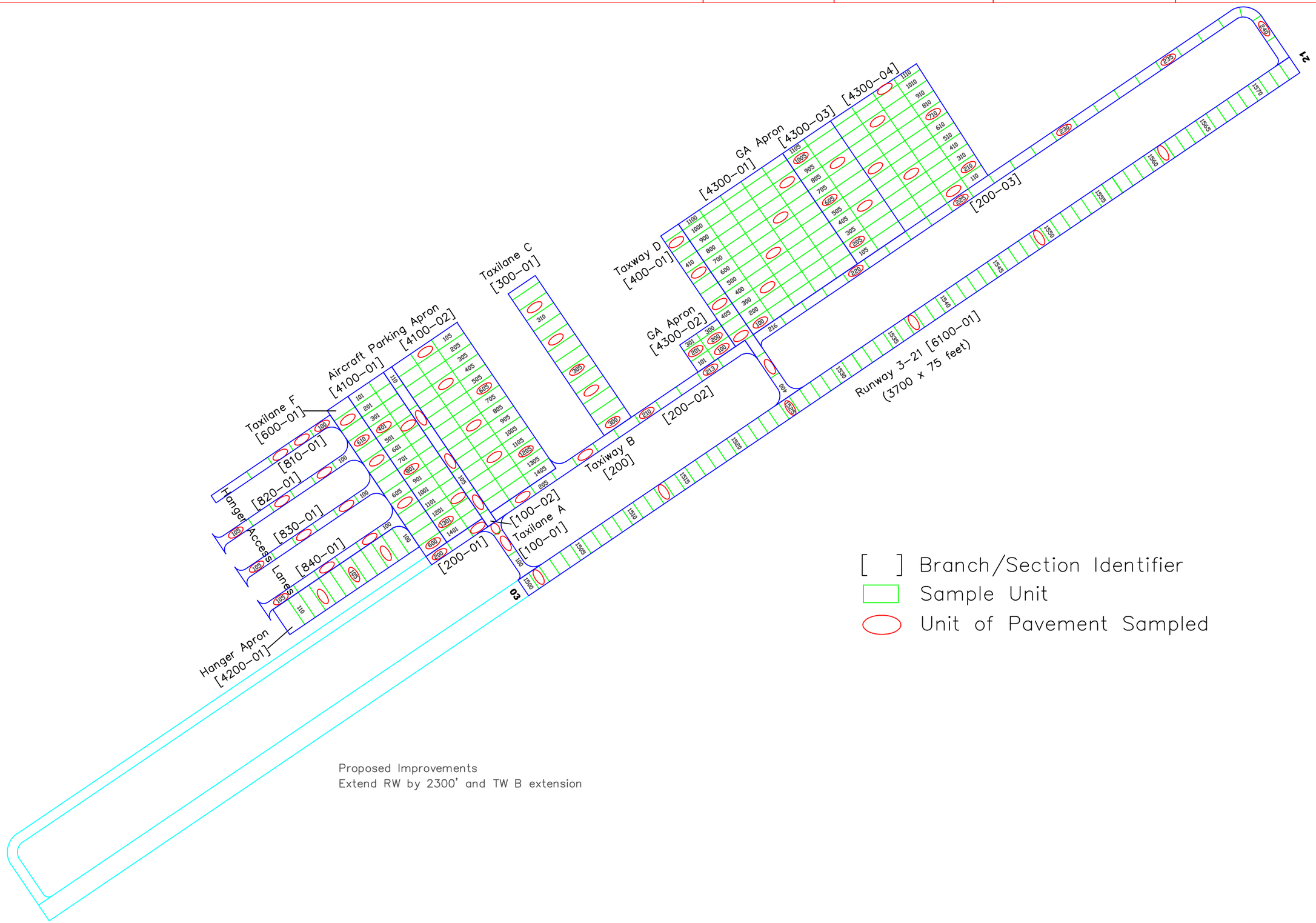
2020 Pavement Inspection Results

0 500 1,000
Feet

Imagery from MSB 2019 ArcGIS Server



Pavement Condition Survey – PCI Sample Unit Layout Plan	State: Alaska	City: Wasilla	Airport: Wasilla	Airport Code: IYS	Site No. 50870.3*A



Proposed Improvements
Extend RW by 2300' and TW B extension