



KING SALMON AIRPORT



Alaska Airport Pavement Inspection Report

Published October 2020

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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	390.00	82.50	54,215.00	TAXIWAY	71.00	13.00	76.48
0200	1	200.00	90.00	30,000.00	TAXIWAY	89.00	0.00	89.00
0300	2	2,070.00	107.50	232,670.00	TAXIWAY	79.50	1.50	79.86
0400	2	390.00	85.00	44,910.00	TAXIWAY	66.00	6.00	69.18
0500	1	600.00	75.00	52,100.00	TAXIWAY	91.00	0.00	91.00
0700	1	315.00	35.00	12,360.00	TAXIWAY	71.00	0.00	71.00
0900	1	350.00	110.00	39,335.00	TAXIWAY	82.00	0.00	82.00
1400	1	365.00	100.00	41,550.00	TAXIWAY	37.00	0.00	37.00
1600	1	400.00	180.00	69,600.00	INACTIVE	21.00	0.00	21.00
4100	1	1,000.00	175.00	169,200.00	APRON	80.00	0.00	80.00
4200	1	300.00	975.00	268,370.00	APRON	76.00	0.00	76.00
4300	2	1,050.00	245.00	298,390.00	APRON	70.50	8.50	63.67
6100	5	26,670.00	90.00	1,212,000.00	RUNWAY	98.00	2.19	98.64
6200	4	4,435.00	100.00	444,560.00	RUNWAY	72.75	2.05	71.97

Pavement Database: MainPaverDB2020

Use Category	Number of Sections	Total Area (SqFt)	Arithmetic Average PCI	Average STD PCI	Weighted Average PCI
APRON	4	735,960.00	74.25	7.22	71.92
INACTIVE	1	69,600.00	21.00	0.00	21.00
RUNWAY	9	1,656,560.00	86.78	12.73	91.48
TAXIWAY	11	507,140.00	73.00	15.27	76.68
ALL	25	2,969,260.00	76.08	18.35	82.45

Pavement Database: MainPaverDB2020

NetworkId: KingSalmon

Branch ID	Section ID	Last Const. Date	Surface	Use	Rank	Lanes	True Area (SqFt)	Last Inspection Date	Age At Inspection	PCI
0100	0100-01	8/26/2018	AC	TAXIWAY	P	0	38,540.00	8/26/2020	2	84
0100	0100-02	9/8/2009	AC	TAXIWAY	P	0	15,675.00	8/26/2020	11	58
0200	0200-01	8/26/2018	AAC	TAXIWAY	P	0	30,000.00	8/26/2020	2	89
0300	0300-01	6/1/2009	AAC	TAXIWAY	P	0	88,200.00	8/26/2020	11	78
0300	0300-02	6/1/2009	AAC	TAXIWAY	P	0	144,470.00	8/26/2020	11	81
0400	0400-01	6/1/2009	AAC	TAXIWAY	P	0	34,370.00	8/26/2020	11	72
0400	0400-02	7/15/1986	AC	TAXIWAY	P	0	10,540.00	8/26/2020	34	60
0500	0500-01	8/26/2018	AAC	TAXIWAY	P	0	52,100.00	8/26/2020	2	91
0700	0700-01	6/1/2008	AC	TAXIWAY	A	0	12,360.00	8/26/2020	12	71
0900	0900-01	6/1/2009	AAC	TAXIWAY	P	0	39,335.00	8/26/2020	11	82
1400	1400-01	6/1/2008	AAC	TAXIWAY	B	0	41,550.00	8/26/2020	12	37
1600	1600-01	9/1/1972	AC	INACTIVE	P	0	69,600.00	6/19/2013	41	21
4100	4100-01	6/1/2009	AAC	APRON	P	0	169,200.00	8/26/2020	11	80
4200	4200-01	6/1/2009	AAC	APRON	P	0	268,370.00	8/26/2020	11	76
4300	4300-01	7/15/1986	AC	APRON	P	0	269,150.00	8/26/2020	34	62
4300	4300-02	6/1/2009	AAC	APRON	P	0	29,240.00	8/26/2020	11	79
6100	6100-01	7/14/2018	AC	RUNWAY	P	0	344,000.00	8/26/2020	2	100
6100	6100-03	7/14/2018	AC	RUNWAY	P	0	344,000.00	8/26/2020	2	100
6100	6100-05	7/14/2018	AC	RUNWAY	P	0	344,000.00	8/26/2020	2	98
6100	6100-06	7/14/2018	AC	RUNWAY	P	0	30,000.00	8/26/2020	2	98
6100	6100-07	7/14/2018	AAC	RUNWAY	P	0	150,000.00	8/26/2020	2	94
6200	6200-01	6/1/2008	AAC	RUNWAY	P	0	189,560.00	8/26/2020	12	73
6200	6200-02	6/1/2008	AAC	RUNWAY	P	0	195,900.00	8/26/2020	12	71
6200	6200-03	6/1/2008	AAC	RUNWAY	P	0	49,100.00	8/26/2020	12	71
6200	6200-04	6/1/2008	AC	RUNWAY	B	0	10,000.00	8/26/2020	12	76

Pavement Database: MainPaverDB2020

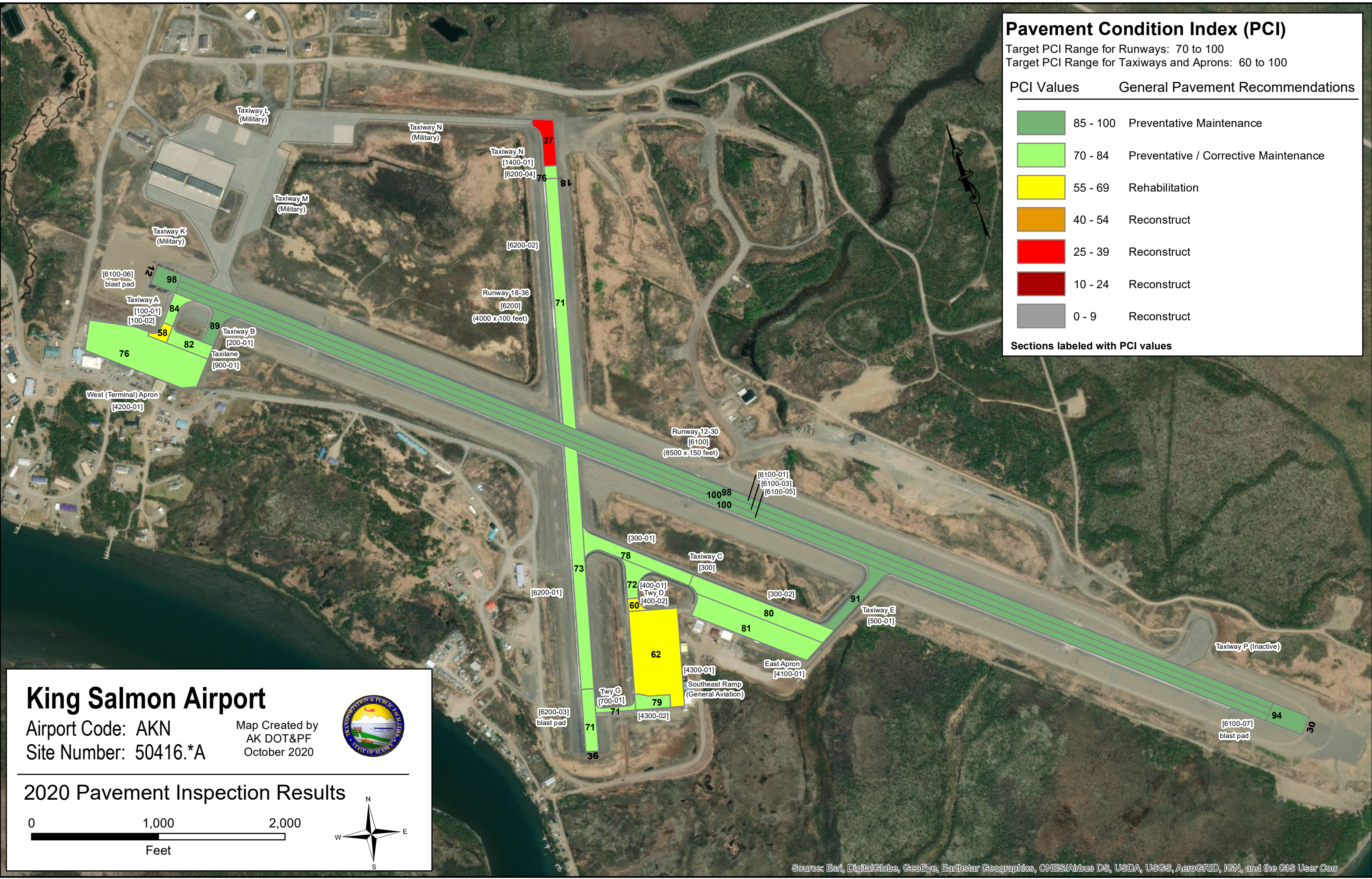
Age Category	Average Age at Inspection	Total Area (SqFt)	Number of Sections	Arithmetic Average PCI	Standard Deviation PCI	Weighted Average PCI
00-02	2	1,332,640.00	8	94.25	5.45	97.70
11-15	11	1,287,330.00	14	71.79	11.30	74.45
31-35	34	279,690.00	2	61.00	1.00	61.92
41-50	41	69,600.00	1	21.00	0.00	21.00
ALL	11	2,969,260.00	25	76.08	18.35	82.45

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



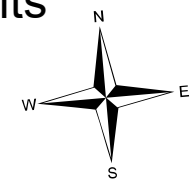
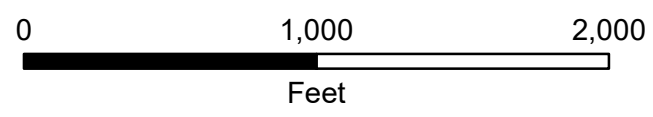
King Salmon Airport

Airport Code: AKN
 Site Number: 50416.*A

Map Created by
 AK DOT&PF
 October 2020

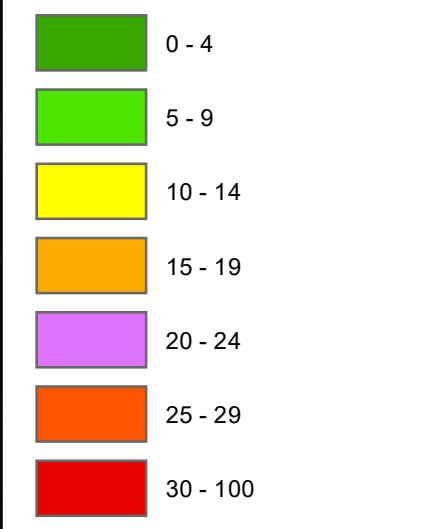


2020 Pavement Inspection Results

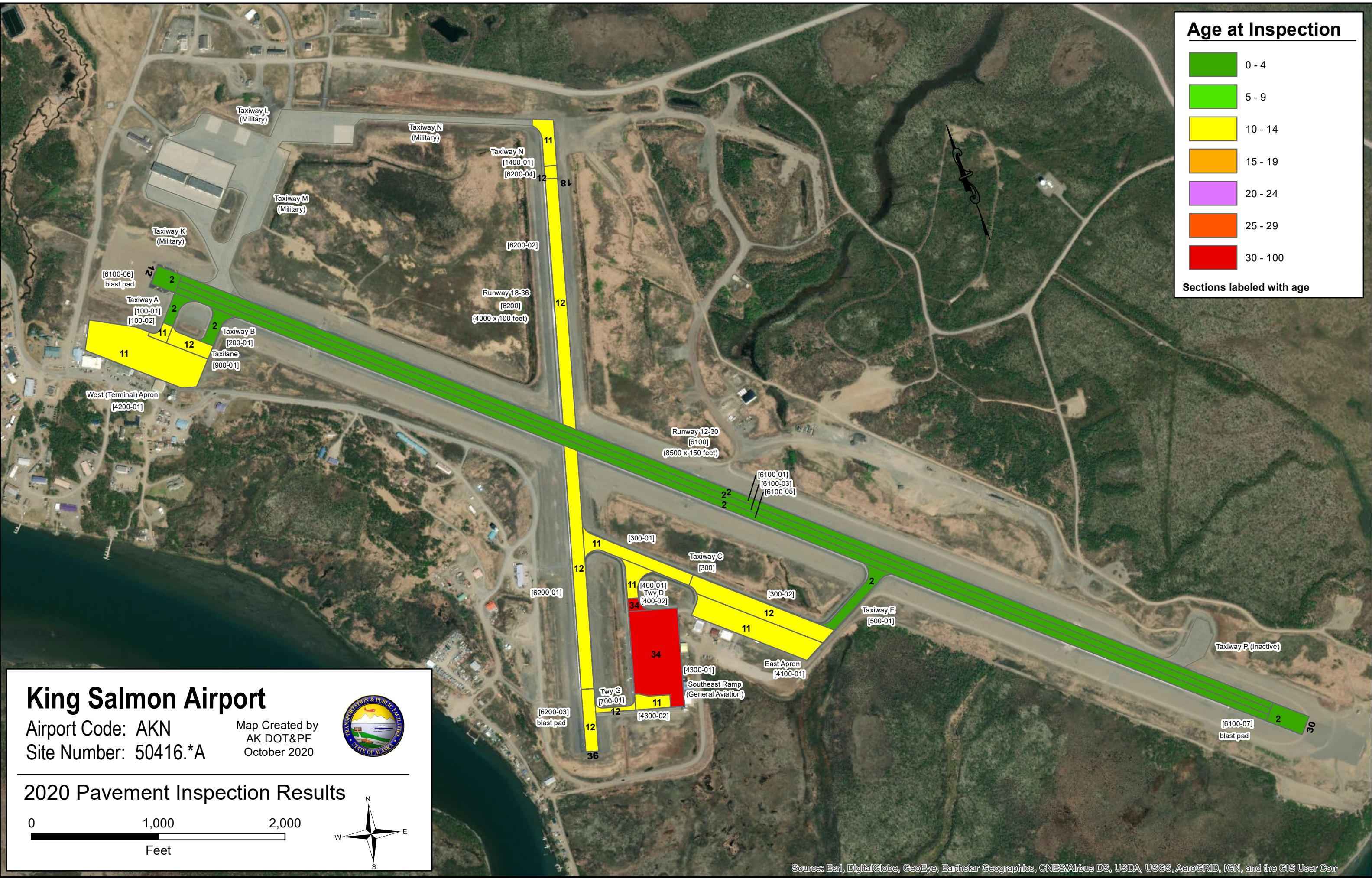


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Com

Age at Inspection



Sections labeled with age



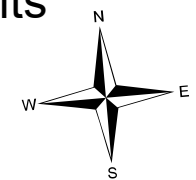
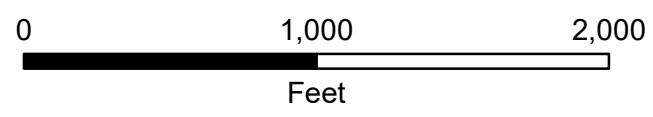
King Salmon Airport

Airport Code: AKN
Site Number: 50416.*A

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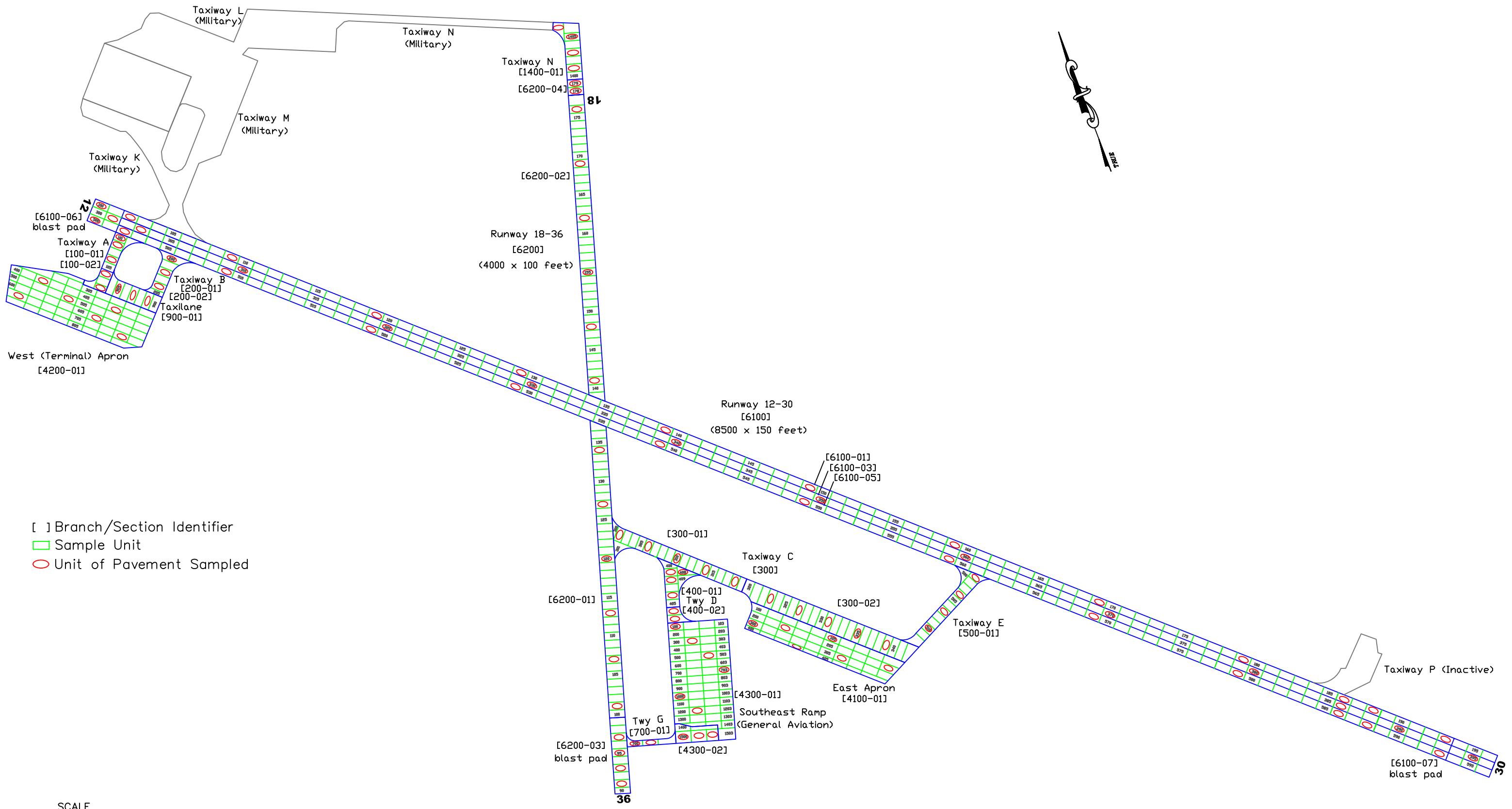
2020 Pavement Inspection Results



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Pavement Condition Survey – PCI Sample Unit Layout Plan

State	Alaska	City	King Salmon	Airport	King Salmon	Airport Code	AKN	Site No.	50416.1*A
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[] Branch/Section Identifier
 □ Sample Unit
 ○ Unit of Pavement Sampled

