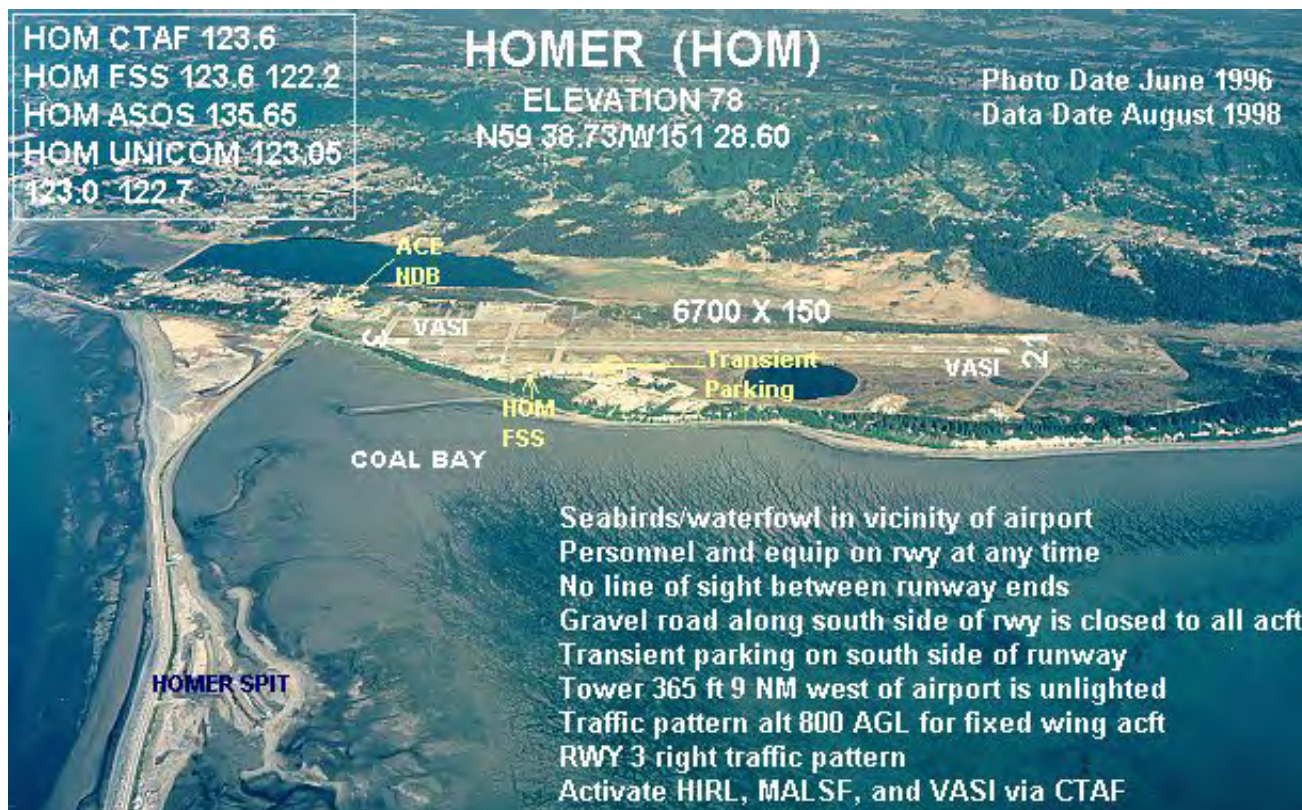




HOMER AIRPORT



Alaska Airport Pavement Inspection Report

Published October 2020

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9/8/2020

Branch Condition Report

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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	375.00	75.00	28,600.00	TAXIWAY	69.50	0.50	69.83
0200	1	540.00	65.00	37,650.00	TAXIWAY	88.00	0.00	88.00
0201	1	210.00	50.00	25,000.00	TAXIWAY	62.00	0.00	62.00
0300	2	710.00	70.00	82,700.00	TAXIWAY	89.50	9.50	89.59
0400	3	2,395.00	66.67	152,955.00	TAXIWAY	83.67	1.70	83.43
0500	1	925.00	70.00	65,400.00	TAXIWAY	90.00	0.00	90.00
4100	1	225.00	1,300.00	295,500.00	APRON	73.00	0.00	73.00
4200	1	370.00	85.00	31,450.00	APRON	55.00	0.00	55.00
4300	1	900.00	350.00	315,000.00	APRON	90.00	0.00	90.00
6100	6	20,100.00	50.00	1,005,000.03	RUNWAY	56.17	7.82	54.35

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Branch Condition Report

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Pavement Database: MainPaverDB2020

Use Category	Number of Sections	Total Area (SqFt)	Arithmetic Average PCI	Average STD PCI	Weighted Average PCI
APRON	3	641,950.00	72.67	14.29	80.46
RUNWAY	6	1,005,000.03	56.17	7.82	54.35
TAXIWAY	10	392,305.00	80.90	10.54	83.90
ALL	19	2,039,255.03	71.79	15.20	68.25

*Pavement Database: MainPaverDB2020**NetworkId: Homer*

Branch ID	Section ID	Last Const. Date	Surface	Use	Rank	Lanes	True Area (SqFt)	Last Inspection Date	Age At Inspection	PCI
0100	0100-01	9/1/1997	AAC	TAXIWAY	P	0	4,975.00	6/18/2020	23	69
0100	0100-02	8/1/2001	AAC	TAXIWAY	P	0	23,625.00	6/18/2020	19	70
0200	0200-01	8/1/2012	AAC	TAXIWAY	P	0	37,650.00	6/18/2020	8	88
0201	0201-01	8/1/2001	AC	TAXIWAY	P	0	25,000.00	6/18/2020	19	62
0300	0300-01	7/15/2018	AC	TAXIWAY	P	0	41,750.00	6/18/2020	2	99
0300	0300-02	6/1/2006	AAC	TAXIWAY	P	0	40,950.00	6/18/2020	14	80
0400	0400-01	9/8/2010	AC	TAXIWAY	P	0	49,000.00	6/18/2020	10	82
0400	0400-02	9/8/2010	AC	TAXIWAY	P	0	38,155.00	6/18/2020	10	86
0400	0400-03	8/1/2012	AC	TAXIWAY	A	0	65,800.00	6/18/2020	8	83
0500	0500-01	8/1/2012	AAC	TAXIWAY	P	0	65,400.00	6/18/2020	8	90
4100	4100-01	8/1/2001	AC	APRON	P	0	295,500.00	6/18/2020	19	73
4200	4200-01	9/1/1997	AAC	APRON	P	0	31,450.00	6/18/2020	23	55
4300	4300-01	8/11/2012	AAC	APRON	P	0	315,000.00	6/18/2020	8	90
6100	6100-11	9/1/1997	AAC	RUNWAY	P	0	210,000.01	6/18/2020	23	55
6100	6100-13	9/1/1997	AAC	RUNWAY	P	0	210,000.01	6/18/2020	23	47
6100	6100-15	9/1/1997	AAC	RUNWAY	P	0	210,000.01	6/18/2020	23	45
6100	6100-21	9/1/1997	AAC	RUNWAY	P	0	125,000.00	6/18/2020	23	64
6100	6100-23	9/1/1997	AAC	RUNWAY	P	0	125,000.00	6/18/2020	23	64
6100	6100-25	9/1/1997	AAC	RUNWAY	P	0	125,000.00	6/18/2020	23	62

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	41,750.00	1	99.00	0.00	99.00
06-10	9	571,005.00	6	86.50	3.15	88.11
11-15	14	40,950.00	1	80.00	0.00	80.00
16-20	19	344,125.00	3	68.33	4.64	71.99
21-25	23	1,041,425.03	8	57.63	8.03	54.44
ALL	16	2,039,255.03	19	71.79	15.20	68.25

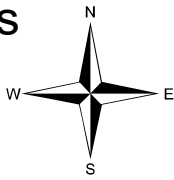
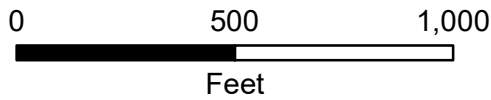
Homer Airport

Airport Code: HOM
Site Number: 50320.*A

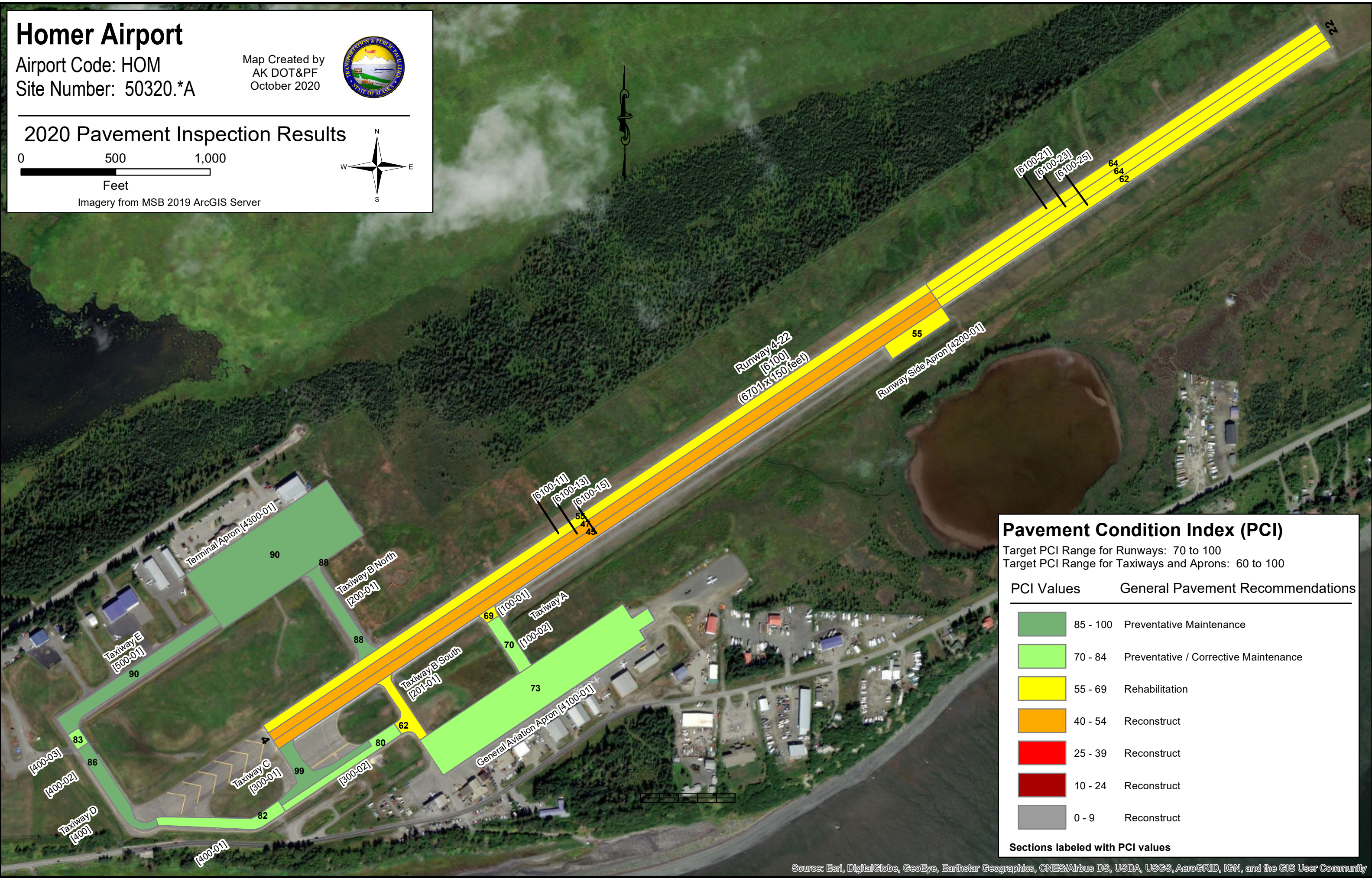
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October 2020



2020 Pavement Inspection Results



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

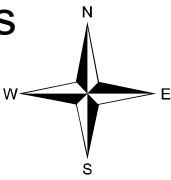
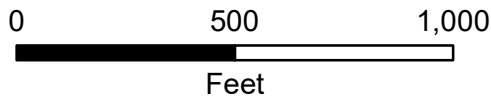
Homer Airport

Airport Code: HOM
Site Number: 50320.*A

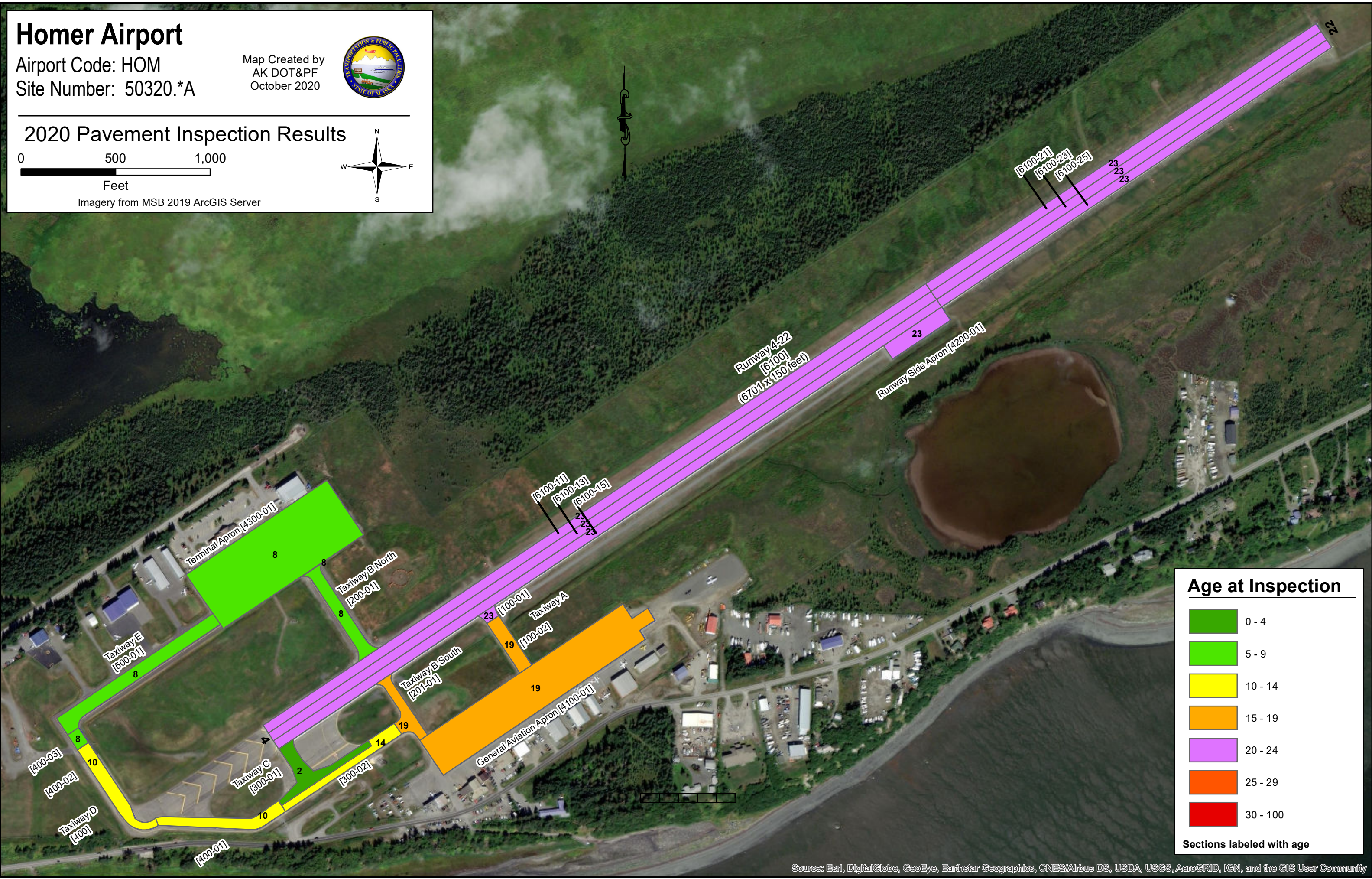
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2020 Pavement Inspection Results



Imagery from MSB 2019 ArcGIS Server



Age at Inspection

	0 - 4
	5 - 9
	10 - 14
	15 - 19
	20 - 24
	25 - 29
	30 - 100

Sections labeled with age

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

