



HOONAH AIRPORT



Alaska Airport Pavement Inspection Report

Published September 2018

Andrew Pavey
Project Manager
Research & Asset Management, Alaska DOT&PF
5800 E. Tudor Road
Phone: (907) 269-6213
Email: andrew.pavey@alaska.gov

Date: 9 /13/2018

Branch Condition Report

1 of 2

Pavement Database: PAVERDB_ALL NetworkID: Hoonah

| Branch ID | Number of Sections | Sum Section Length (Ft) | Avg Section Width (Ft) | True Area (SqFt) | Use | Average PCI | PCI Standard Deviation | Weighted Average PCI |
|----------------------|--------------------|-------------------------|------------------------|------------------|---------|-------------|------------------------|----------------------|
| 0100 (Taxiway A) | 1 | 745.00 | 35.00 | 27,050.00 | TAXIWAY | 67.00 | 0.00 | 67.00 |
| 0200 (Taxiway B) | 1 | 825.00 | 35.00 | 29,435.00 | TAXIWAY | 59.00 | 0.00 | 59.00 |
| 4100 (Parking Apron) | 2 | 760.00 | 384.50 | 292,220.01 | APRON | 83.50 | 11.50 | 78.05 |
| 6100 (06/24) | 2 | 3,380.00 | 75.00 | 253,500.01 | RUNWAY | 78.50 | 12.50 | 68.81 |

| Use Category | Number of Sections | Total Area (SqFt) | Arithmetic Average PCI | Average PCI STD. | Weighted Average PCI |
|---------------------|---------------------------|--------------------------|-------------------------------|-------------------------|-----------------------------|
| APRON | 2 | 292,220.01 | 83.50 | 11.50 | 78.05 |
| RUNWAY | 2 | 253,500.01 | 78.50 | 12.50 | 68.81 |
| TAXIWAY | 2 | 56,485.00 | 63.00 | 4.00 | 62.83 |
| All | 6 | 602,205.01 | 75.00 | 13.33 | 72.73 |

Date: 9 /13/2018

Section Condition Report

1 of 2

Pavement Database: PAVERDB_ALL NetworkID: Hoonah

| Branch ID | Section ID | Last Const. Date | Surface | Use | Rank | Lanes | True Area (SqFt) | Last Inspection Date | Age At Inspection | PCI |
|----------------------|------------|------------------|---------|---------|------|-------|------------------|----------------------|-------------------|-------|
| 0100 (Taxiway A) | 0100-01 | 09/01/1992 | AC | TAXIWAY | P | 0 | 27,050.00 | 08/20/2018 | 26 | 67.00 |
| 0200 (Taxiway B) | 0200-01 | 09/01/1992 | AC | TAXIWAY | P | 0 | 29,435.00 | 08/20/2018 | 26 | 59.00 |
| 4100 (Parking Apron) | 4100-01 | 09/01/1992 | AC | APRON | P | 0 | 215,320.01 | 08/20/2018 | 26 | 72.00 |
| 4100 (Parking Apron) | 4100-02 | 09/01/2013 | AAC | APRON | P | 0 | 76,900.00 | 08/20/2018 | 5 | 95.00 |
| 6100 (06/24) | 6100-01 | 09/01/1992 | AC | RUNWAY | P | 0 | 225,000.01 | 08/20/2018 | 26 | 66.00 |
| 6100 (06/24) | 6100-02 | 09/01/2013 | AAC | RUNWAY | P | 0 | 28,500.00 | 08/20/2018 | 5 | 91.00 |

Section Condition Report*Pavement Database: PAVERDB_ALL*

| Age Category | Average Age At Inspection | Total Area (SqFt) | Number of Sections | Arithmetic Average PCI | PCI Standard Deviation | Weighted Average PCI |
|---------------------|----------------------------------|--------------------------|---------------------------|-------------------------------|-------------------------------|-----------------------------|
| 03-05 | 5.00 | 105,400.00 | 2 | 93.00 | 2.00 | 93.92 |
| 26-30 | 26.00 | 496,805.01 | 4 | 66.00 | 4.64 | 68.24 |
| All | 19.00 | 602,205.01 | 6 | 75.00 | 13.33 | 72.73 |

Instructions for Viewing Map Layers

- The map contains layers, and must be opened with Adobe Reader version 8 or later.

- Click on Adobe's Layer Tab to View Layer Controls
- Click in a layer's box to turn it on/off



- The "eye" symbol shows that the layer is visible.
- These layers draw from the bottom up, which means that a layer higher in the list might block out the information on a lower layer. Turn off the higher layer to see the information on a visible lower layer.



Hoonah Airport

Airport Code: HNH

Site Number: 50321.01*.A



2018 Pavement Inspection Results

Map Compiled by Central Region Materials, AK DOT&PF

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 | Do Nothing or Preventative Maintenance |
| 70 - 84 | Preventative Maintenance |
| 60 - 69 | Corrective Maintenance |
| 55 - 59 | Rehabilitate |
| 40 - 54 | Rehabilitate |
| 25 - 39 | Reconstruct |
| 10 - 24 | Reconstruct |
| 0 - 9 | Reconstruct |

Pavement Surface Age

| |
|---------------|
| 0 - 4 years |
| 5 - 9 years |
| 10 - 14 years |
| 15 - 19 years |
| 20 - 24 years |
| 25 - 29 years |
| >30 years |



[] Branch-Section Identifier

Aerial Image: 2006 US Census Bureau
via UAF GINA BDL WMS

