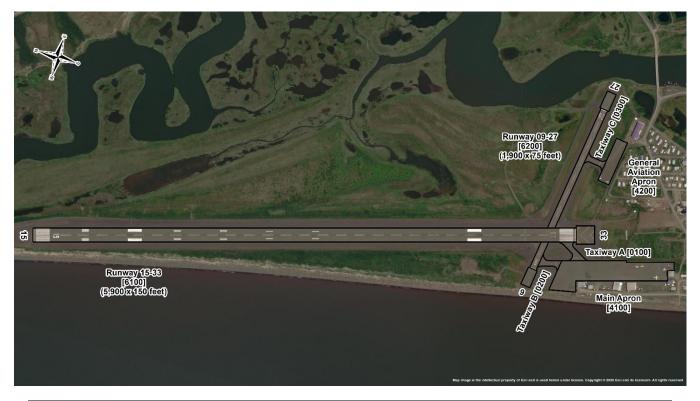


Alaska DOT&PF

Data Modernization and Innovation Office Pavement Management and Preservation 5800 East Tudor Road, Anchorage AK 99507-1286

Pavement Inspection Report Unalakleet Airport





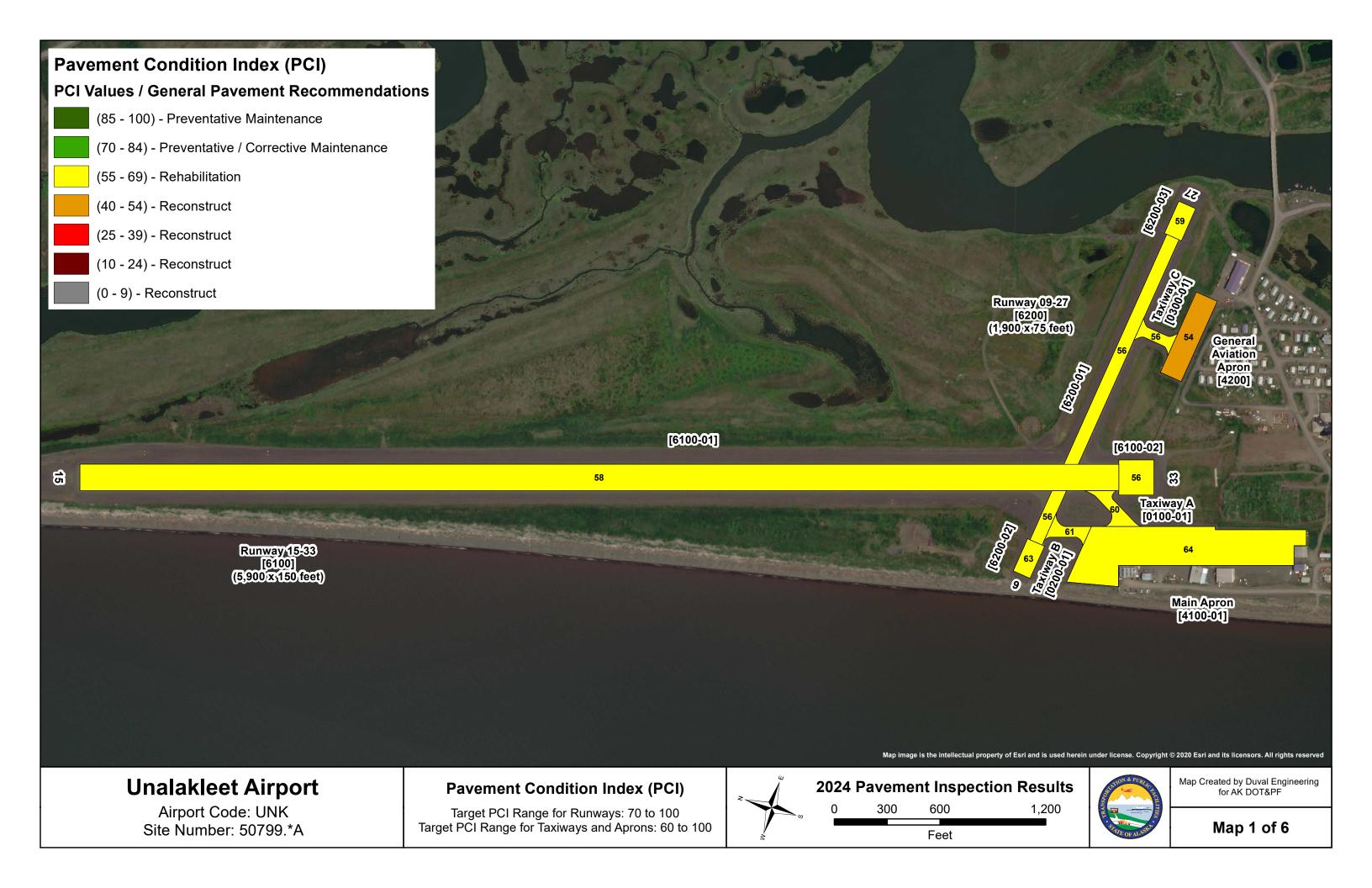
Airport Name	IATA	ICAO	Latitude	Longitude	Elevation (ft)
Unalakleet Airport	UNK	PAUN	63° 53' 18.6" N	160° 47' 56.8" W	25.7

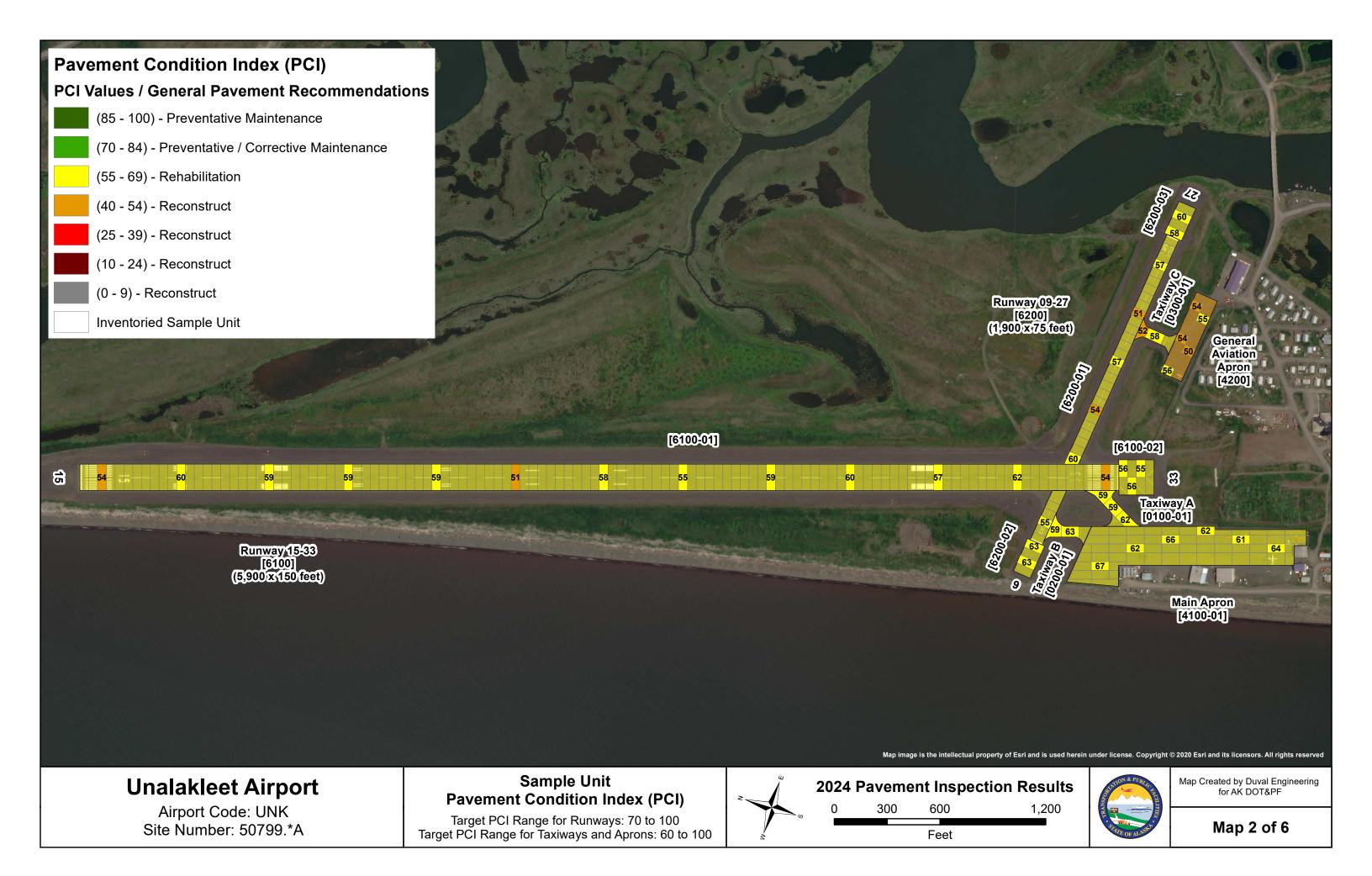
Please refer all questions or for further information about this report, please contact the AKDOT&PF Pavement Management and Preservation Office as follows:

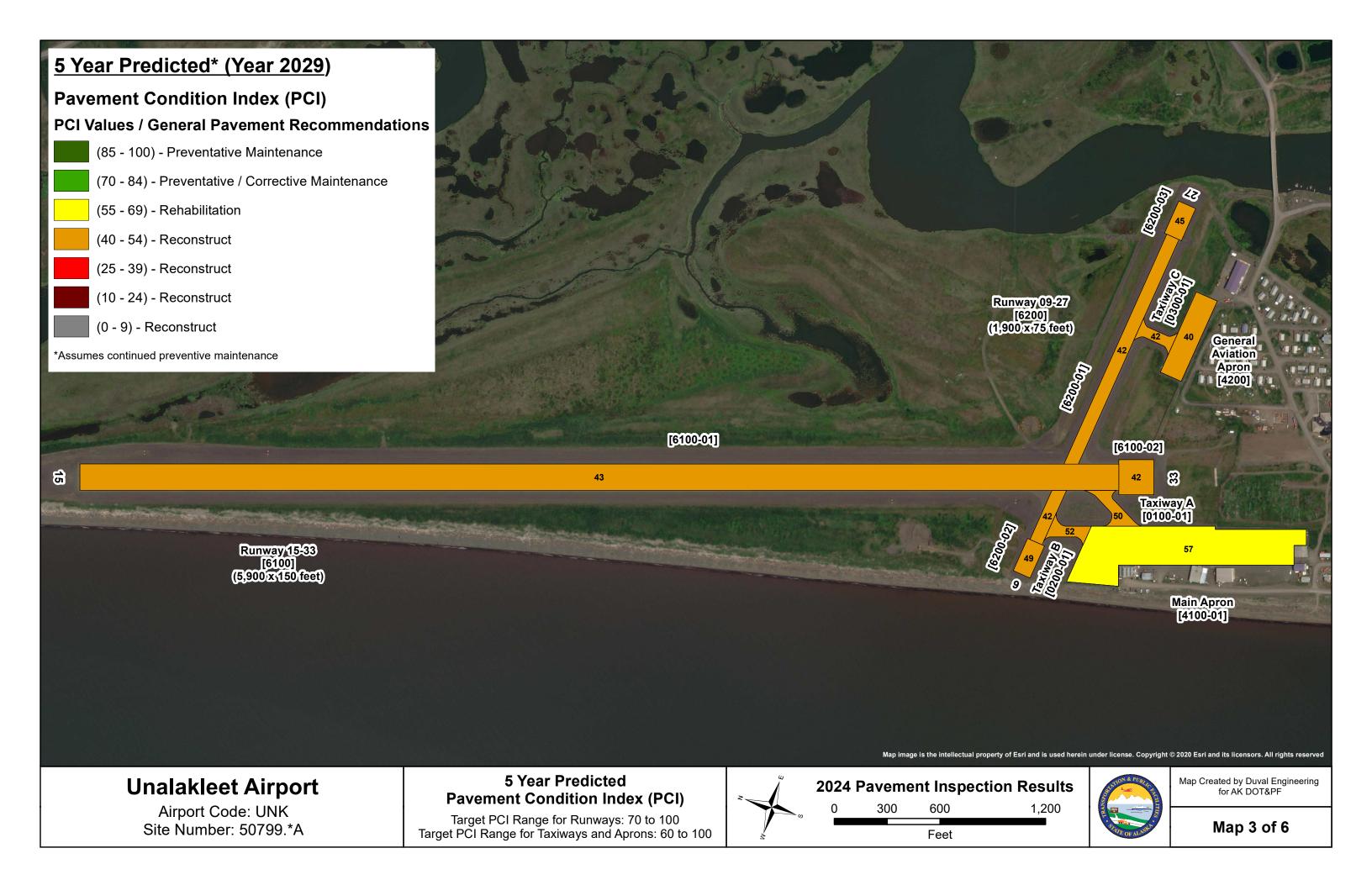
Point of Contact	Phone	Email	Date Inspected	Date Published
Mr. Andrew Pavey, Pavement Management Engineer	(907) 269 6213	andrew.pavey@alaska.gov	July 2024	July 2025

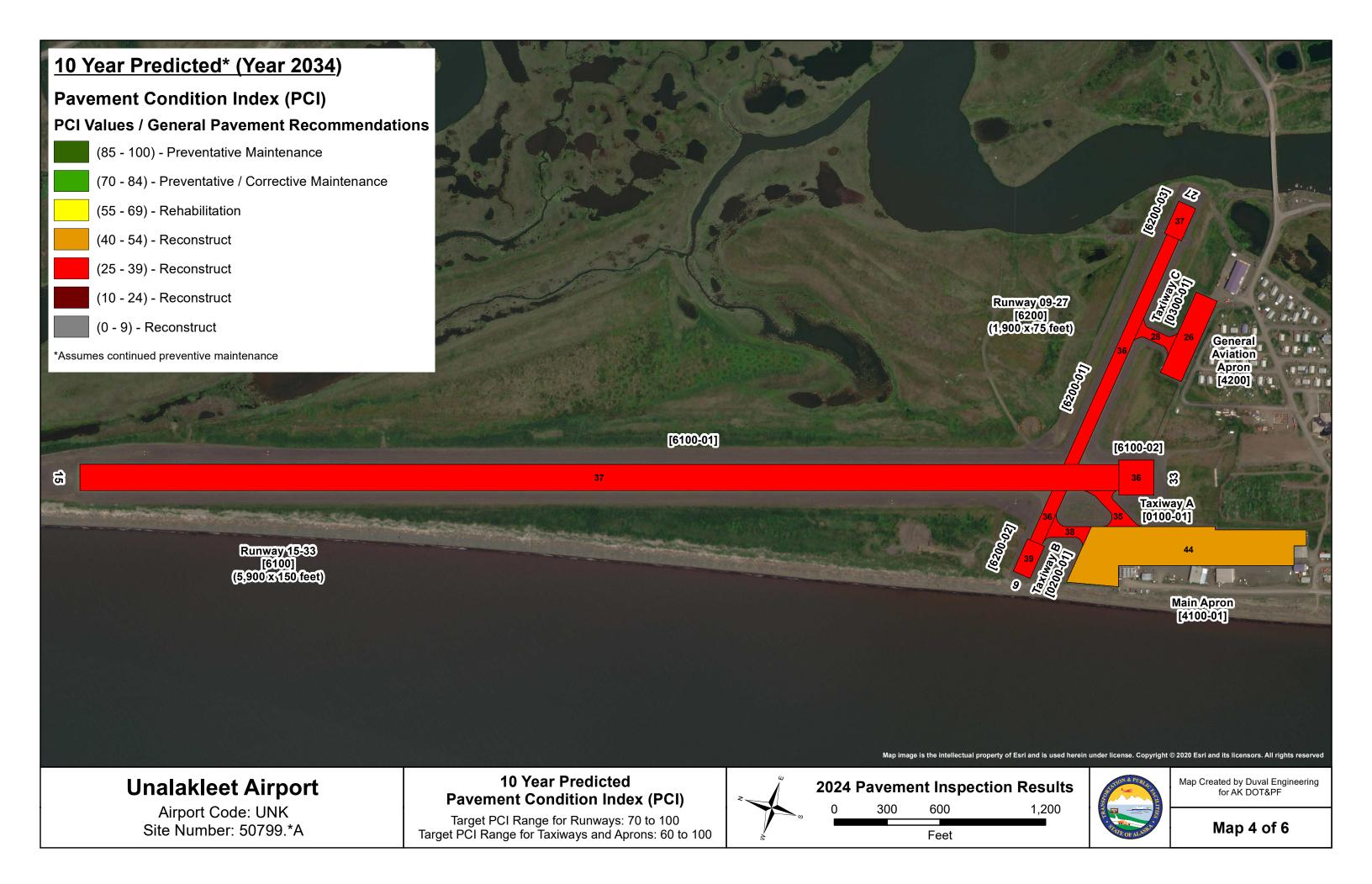
TABLE OF CONTENTS

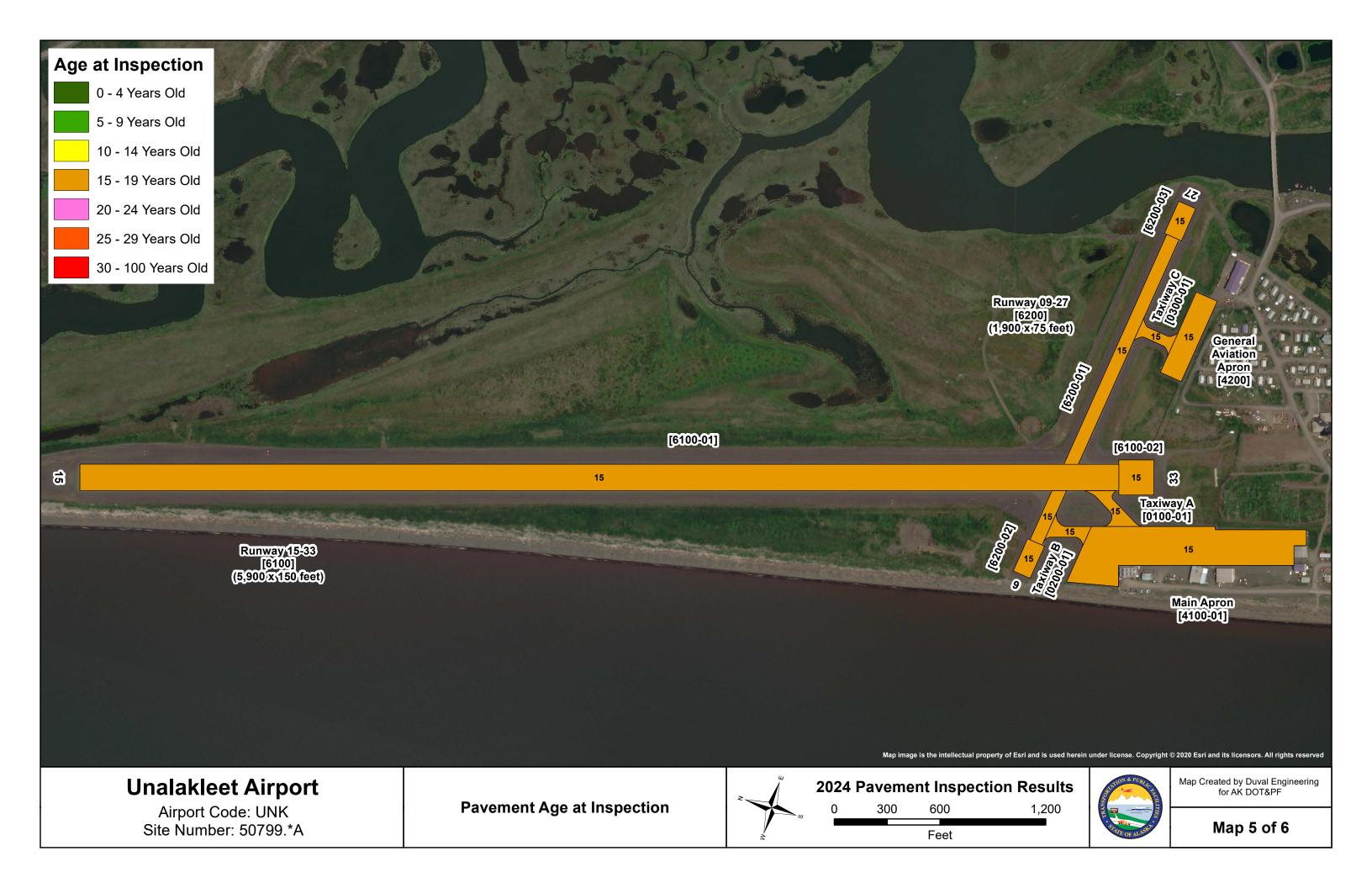
- Airport Maps
 - Pavement Condition Index (PCI)
 - o Sample Unit PCI
 - 5-Year Predicted PCI
 - o 10-Year Predicted PCI
 - o Pavement Age at Inspection
 - Pavement Crack Seal Condition
- Airport Pavement Inspection Notes by Branch
- Branch Condition Report
- Branch Use Condition Report
- Section Condition Report
- Section Condition Report (Summary by Age Category)
- Work History Report
- Physical Property Data Table
- Pavement Classification Rating (PCR)
- References









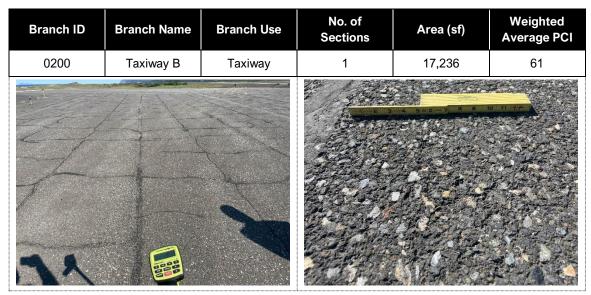




AIRPORT PAVEMENT INSPECTION NOTES BY BRANCH

Branch ID	Branch Name	Branch Use	No. of Sections	Area (sf)	Weighted Average PCI
0100	Taxiway A	Taxiway	1	21,875	60

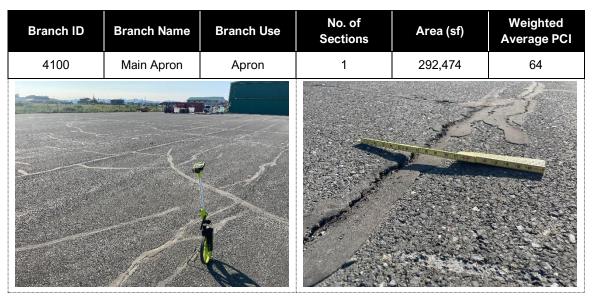
Taxiway A was constructed in 2009 and has not received major work since. Annual crack seal operations have been performed on the branch. The most common distresses observed are low severity block cracking, low severity longitudinal and transverse cracking, and low severity weathering. Field observations include further development of cracks becoming interconnected, leading to a larger quantity of block cracking.



Taxiway B was constructed in 2009 and has not received major work since. Annual crack seal operations have been performed on the branch. The most common distresses observed are low severity block cracking, low severity longitudinal and transverse cracking, and low severity weathering. Field observations include continued development of cracks becoming interconnected, leading to a larger quantity of block cracking.

Branch ID	Branch Name	Branch Use	No. of Sections	Area (sf)	Weighted Average PCI
0300	Taxiway C	Taxiway	1	15,191	56

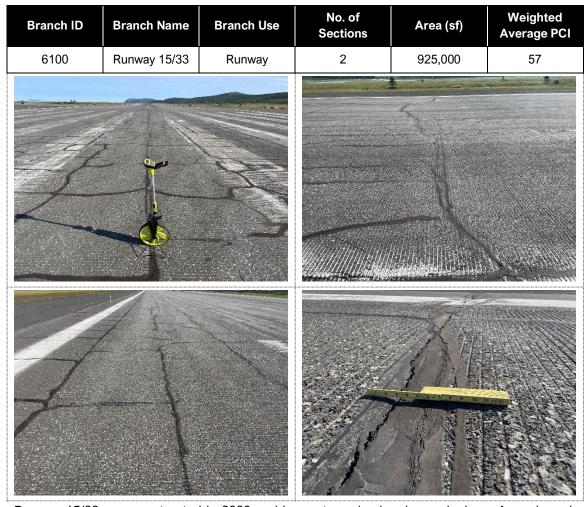
Taxiway C was constructed in 2009 and has not received major work since. Annual crack seal operations have been performed on the branch. The most common distresses observed are low severity block cracking, low to medium severity longitudinal and transverse cracking, and low severity weathering. Field observations include further development of cracks becoming interconnected, leading to larger quantities of block cracking. Additionally, some cracks are beginning to depress, increasing the severity level of the distress.



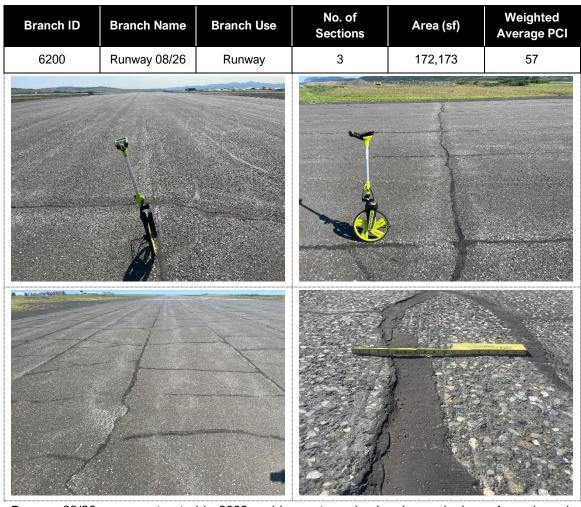
The Main Apron was constructed in 2009 and has not received major work since. Annual crack seal operations have been performed on the branch. The most common distresses observed are low to medium severity longitudinal and transverse cracking, oil spillage, and low severity weathering. Field observations indicate that the cracking is continuing to degrade, with cracks increasing in both width and depth across the apron. This has led to higher severity distresses.

Branch ID	Branch Name	Branch Use	No. of Sections	Area (sf)	Weighted Average PCI
4200	GA Apron	Apron	1	65,000	54

The GA Apron was constructed in 2009 and has not received major work since. Annual crack seal operations have been performed on the branch. The most common distresses observed are low to medium severity block cracking, low to medium severity longitudinal and transverse cracking, oil spillage, and low severity weathering. Field observations include further development of cracks becoming interconnected, leading to a larger quantity of block cracking. Additionally, some cracks are beginning to depress, increasing the severity level of the distress.



Runway 15/33 was constructed in 2009 and has not received major work since. Annual crack seal operations have been performed on the branch. The most common distresses observed are low severity block cracking, low to medium severity longitudinal and transverse cracking, low severity raveling, and low severity weathering. Field observations include further development of cracks becoming interconnected, leading to a larger quantity of block cracking. Additionally, some cracks are beginning to depress, increasing the severity level of the distress.



Runway 08/26 was constructed in 2009 and has not received major work since. Annual crack seal operations have been performed on the branch. The most common distresses observed are low severity block cracking, low to medium severity longitudinal and transverse cracking, low severity raveling, and low severity weathering. Field observations include further development of cracks becoming interconnected, leading to a larger quantity of block cracking. Additionally, some cracks are beginning to depress, increasing the severity level of the distress.

BRANCH CONDITION REPORT

Branch ID	No. of Sections	Sum Section Length (Ft)	Avg Section Width (Ft)	True Area (Sq Ft)	Use	Average PCI	Standard Deviation PCI	Weighted Average PCI
0100	1	270	60	21,875	TAXIWAY	60.00	0.00	60.00
0200	1	235	60	17,236	TAXIWAY	61.30	0.00	61.30
0300	1	210	60	15,191	TAXIWAY	55.50	0.00	55.50
4100	1	1,250	220	292,474	APRON	63.70	0.00	63.70
4200	1	130	500	65,000	APRON	53.90	0.00	53.90
6100	2	6,100	175	925,000	RUNWAY	56.65	0.85	57.43
6200	3	2,300	95	172,173	RUNWAY	59.23	2.95	57.06

Note: the dimensions in the Branch Condition Report are derived from area calculations and may not reflect actual dimensions of individual sections. Refer to the maps for actual section dimensions.

BRANCH USE CONDITION REPORT

Use Category	No. of Sections	Lotal Area (Sq.Et)			Weighted Average PCI
APRON	2	357,474	58.80	4.90	61.92
RUNWAY	5	1,097,173	58.20	2.67	57.37
TAXIWAY	3	54,302	58.93	2.49	59.15
ALL	10	1,508,949	58.54	3.21	58.51

SECTION CONDITION REPORT

Branch ID	Section ID	Last Const. Date	Surface	Use	Rank	True Area (Sq Ft)	Last Inspection Date	Age At Inspection	PCI
0100	0100-01	8/1/2009	AC	TAXIWAY	S	21,875	7/20/2024	15	60
0200	0200-01	8/1/2009	AC	TAXIWAY	Т	17,236	7/20/2024	15	61
0300	0300-01	8/1/2009	AC	TAXIWAY	Т	15,191	7/20/2024	15	56
4100	4100-01	8/1/2009	AC	APRON	S	292,474	7/20/2024	15	64
4200	4200-01	8/1/2009	AC	APRON	Т	65,000	7/20/2024	15	54
6100	6100-01	8/1/2009	AC	RUNWAY	S	885,000	7/20/2024	15	58
6100	6100-02	8/1/2009	AC	RUNWAY	Т	40,000	7/20/2024	15	56
6200	6200-01	8/1/2009	AC	RUNWAY	Т	130,173	7/20/2024	15	56
6200	6200-02	8/1/2009	AC	RUNWAY	Т	21,000	7/20/2024	15	63
6200	6200-03	8/1/2009	AC	RUNWAY	Т	21,000	7/20/2024	15	59

SECTION CONDITION REPORT (SUMMARY BY AGE CATEGORY)

Age Category	Average Age at Inspection	Total Area (Sq Ft)	Number of Sections	Arithmetic Average PCI	Standard Deviation PCI	Weighted Average PCI
11-15	15	1,508,949	10	58.54	3.21	58.51
ALL	15	1,508,949	10	58.54	3.21	58.51

Page 1 of 3

Pavement Database: Alaska

Network:	Unalakleet	i I	Branch: 0100	Taxiwa	ay A	Section:	0100-01	Surface:AC
L.C.D. 8/1/20	009 Us	se: TAXIWAY	Rank: S L	ength: 270	.00 (Ft) Wi	dth: 60.0	0 (Ft) True Area:	21875 (SqFt)
Work Date	Work Code	Work De	scription	Cost	Thickness (in)	Major M&R	Comn	nents
8/1/2009	NC-IN	New Construction	on - Initial	0.00	0.00	V	4" AC, 14" Crushed	Aggregate Base C
Network:	Unalakleet	t I	Branch: 0200	Taxiwa	ay B	Section:	0200-01	Surface:AC
L.C.D. 8/1/20	009 Us	se: TAXIWAY	Rank: T L	ength: 235	.00 (Ft) Wi	dth: 60.0	0 (Ft) True Area:	17236 (SqFt)
Work Date	Work Code	Work De	scription	Cost	Thickness (in)	Major M&R	Comn	nents
8/1/2009	NC-IN	New Construction	on - Initial	0.00	0.00	>	4" AC, 14" Crushed	Aggregate Base C
Network:	Unalakleet	i I	Branch: 0300	Taxiwa	ay C	Section:	0300-01	Surface:AC
L.C.D. 8/1/20	009 Us	se: TAXIWAY	Rank: T L	ength: 210	.00 (Ft) Wi	dth: 60.0	0 (Ft) True Area:	15191 (SqFt)
Work Date	Work Code	Work De	•	Cost	Thickness (in)	Major M&R	Comn	
8/1/2009	NC-IN	New Construction	on - Initial	0.00	0.00	V :	4" AC, 14" Crushed	Aggregate Base C
Network:			Branch: 4100	Main A	•			Surface:AC
L.C.D. 8/1/20	1	se: APRON	Rank: S L	ength: 1,250	, ,		0 (Ft) True Area:	292474 (SqFt)
Work Date	Work Code	Work De	scription	Cost	Thickness (in)	Major M&R	Comn	nents
8/1/2009	NC-IN	New Construction	on - Initial	0.00	0.00	V	3" AC, 9" Crushed A	Aggregate Base Co
Network:	Unalakleet	: I	Branch: 4200	GA A _I	oron	Section:	4200-01	Surface:AC
Network: L.C.D. 8/1/20				_			4200-01 0 (Ft) True Area:	
			Rank: T L	_				65000 (SqFt)
L.C.D. 8/1/20	009 Us Work	se: APRON	Rank: T L	ength: 130	.00 (Ft) Wi	dth: 500.0 Major	0 (Ft) True Area:	65000 (SqFt)
L.C.D. 8/1/20 Work Date	009 Us Work Code	se: APRON Work De	Rank: T L	ength: 130	.00 (Ft) Wi	dth: 500.0 Major M&R	0 (Ft) True Area:	65000 (SqFt)
L.C.D. 8/1/20 Work Date	009 Us Work Code NC-IN	Work De	Rank: T L	ength: 130	.00 (Ft) Wi	Major M&R	O (Ft) True Area: Comm 3" AC, 9" Crushed A	65000 (SqFt)
L.C.D. 8/1/20 Work Date 8/1/2009	Work Code NC-IN	Work De	Rank: T L scription on - Initial Branch: 6100	Cost 0.00	.00 (Ft) Wi Thickness (in) 0.00	Major M&R Section:	O (Ft) True Area: Comm 3" AC, 9" Crushed A	65000 (SqFt) nents Aggregate Base Co Surface:AC
L.C.D. 8/1/20 Work Date 8/1/2009 Network:	Work Code NC-IN	Work De New Construction	Rank: T L scription on - Initial Branch: 6100 Rank: S L	Cost 0.00	.00 (Ft) Wi Thickness (in) 0.00	Major M&R Section:	0 (Ft) True Area: Comm 3" AC, 9" Crushed A	65000 (SqFt) nents Aggregate Base Co Surface: AC 885000 (SqFt)
L.C.D. 8/1/20 Work Date 8/1/2009 Network: L.C.D. 8/1/20	Work Code NC-IN Unalakleet 009 Us Work Code	Work De New Construction E. H. See: RUNWAY	Rank: T L scription on - Initial Branch: 6100 Rank: S L scription	Cost 0.00 15/33 ength: 5,900	.00 (Ft) Wi Thickness (in) 0.00 .00 (Ft) Wi Thickness	Major M&R Section: dth: 150.0 Major	0 (Ft) True Area: Comm 3" AC, 9" Crushed A 6100-01 0 (Ft) True Area:	65000 (SqFt) nents Aggregate Base Co Surface:AC 885000 (SqFt) nents
L.C.D. 8/1/20 Work Date 8/1/2009 Network: L.C.D. 8/1/20 Work Date	Work Code NC-IN Unalakleet 009 Us Work Code	Work De New Construction Here: RUNWAY Work De	Rank: T L scription on - Initial Branch: 6100 Rank: S L scription	Cost 0.00 15/33 ength: 5,900 Cost	.00 (Ft) Wi Thickness (in) 0.00 .00 (Ft) Wi Thickness (in)	Major M&R Section: dth: 150.0 Major M&R	Comm 3" AC, 9" Crushed A 6100-01 0 (Ft) True Area: Comm	65000 (SqFt) nents Aggregate Base Co Surface:AC 885000 (SqFt) nents
L.C.D. 8/1/20 Work Date 8/1/2009 Network: L.C.D. 8/1/20 Work Date	Work Code NC-IN Unalakleet 009 Us Work Code NC-IN	Work De New Construction Ree: RUNWAY Work De New Construction	Rank: T L scription on - Initial Branch: 6100 Rank: S L scription	Cost 0.00 15/33 ength: 5,900 Cost	.00 (Ft) Wi Thickness (in) 0.00 .00 (Ft) Wi Thickness (in)	Major M&R Section: dth: 150.0 Major M&R	Comn 3" AC, 9" Crushed A 6100-01 0 (Ft) True Area: Comn 4" AC, 14" Crushed	65000 (SqFt) nents Aggregate Base Co Surface:AC 885000 (SqFt) nents
L.C.D. 8/1/20 Work Date 8/1/2009 Network: L.C.D. 8/1/20 Work Date 8/1/2009	Work Code NC-IN Unalakleet Work Code NC-IN Unalakleet	Work De New Construction Fig. 1. Work De New Construction Work De New Construction New Construction	Rank: T L scription on - Initial Branch: 6100 Rank: S L scription on - Initial Branch: 6100	Cost 0.00 15/33 ength: 5,900 Cost 0.00	.00 (Ft) Wi Thickness (in) 0.00 .00 (Ft) Wi Thickness (in) 0.00	Major M&R Section: dth: 150.0 Major M&R V Section:	Comn 3" AC, 9" Crushed A 6100-01 0 (Ft) True Area: Comn 4" AC, 14" Crushed	65000 (SqFt) nents Aggregate Base Co Surface: AC 885000 (SqFt) nents Aggregate Base C
L.C.D. 8/1/20 Work Date 8/1/2009 Network: L.C.D. 8/1/20 Work Date 8/1/2009 Network:	Work Code NC-IN Unalakleet Work Code NC-IN Unalakleet	Work De New Construction Fig. 1. Work De New Construction Work De New Construction New Construction	Rank: T L scription on - Initial Branch: 6100 Rank: S L scription on - Initial Branch: 6100 Rank: T L	Cost 0.00 15/33 ength: 5,900 Cost 0.00	.00 (Ft) Wi Thickness (in) 0.00 .00 (Ft) Wi Thickness (in) 0.00	Major M&R Section: dth: 150.0 Major M&R V Section:	O (Ft) True Area: Comm 3" AC, 9" Crushed A 6100-01 0 (Ft) True Area: Comm 4" AC, 14" Crushed	65000 (SqFt) nents Aggregate Base Co Surface:AC 885000 (SqFt) nents Aggregate Base C Surface:AC 40000 (SqFt)
L.C.D. 8/1/20 Work Date 8/1/2009 Network: L.C.D. 8/1/20 Work Date 8/1/2009 Network: L.C.D. 8/1/20	Work Code NC-IN Unalakleet 009 Us Work Code NC-IN Unalakleet	Work De New Construction The see: RUNWAY Work De New Construction The see: RUNWAY	Rank: T L scription on - Initial Branch: 6100 Rank: S L scription on - Initial Branch: 6100 Rank: T L scription	Cost 0.00 15/33 ength: 5,900 Cost 0.00 15/33 ength: 200	.00 (Ft) Wi Thickness (in) .00 (Ft) Wi Thickness (in) 0.00 .00 (Ft) Wi Thickness	section: dth: 500.0 Major M&R Section: dth: 150.0 Major M&R Section: dth: 200.0 Major	Comn 3" AC, 9" Crushed A 6100-01 0 (Ft) True Area: Comn 4" AC, 14" Crushed 6100-02 0 (Ft) True Area:	65000 (SqFt) nents Aggregate Base Co Surface: AC 885000 (SqFt) nents Aggregate Base C Surface: AC 40000 (SqFt) nents
L.C.D. 8/1/20 Work Date 8/1/2009 Network: L.C.D. 8/1/20 Work Date 8/1/2009 Network: L.C.D. 8/1/20 Work Date	Work Code NC-IN Unalakleet 009 Us Work Code NC-IN Unalakleet 009 Us Work Code Work Code	Work De New Construction Rese: RUNWAY Work De New Construction Work De New Construction Rese: RUNWAY Work De	Rank: T L scription on - Initial Branch: 6100 Rank: S L scription on - Initial Branch: 6100 Rank: T L scription	Cost 0.00 15/33 ength: 5,900 Cost 0.00 Cost 200	.00 (Ft) Wi Thickness (in) .00 (Ft) Wi Thickness (in) .00 (Ft) Wi Thickness (in)	section: dth: 500.0 Major M&R Section: dth: 150.0 Major M&R Section: dth: 200.0 Major M&R	Comm 3" AC, 9" Crushed A 6100-01 0 (Ft) True Area: Comm 4" AC, 14" Crushed 6100-02 0 (Ft) True Area: Comm	65000 (SqFt) nents Aggregate Base Co Surface:AC 885000 (SqFt) nents Aggregate Base C Surface:AC 40000 (SqFt) nents
L.C.D. 8/1/20 Work Date 8/1/2009 Network: L.C.D. 8/1/20 Work Date 8/1/2009 Network: L.C.D. 8/1/20 Work Date 8/1/2009	Work Code NC-IN Unalakleet 009 Work Code NC-IN Unalakleet 009 Us Work Code NC-IN Unalakleet	Work De New Construction Here: RUNWAY Work De New Construction Here: RUNWAY Work De New Construction Work De New Construction New Construction Work De	Rank: T L scription on - Initial Branch: 6100 Rank: S L scription on - Initial Branch: 6100 Rank: T L scription on - Initial	Cost 0.00 15/33 ength: 5,900 Cost 0.00 15/33 ength: 200 Cost 0.00 08/26	.00 (Ft) Wi Thickness (in) .00 (Ft) Wi Thickness (in) .00 (Ft) Wi Thickness (in) .00 (Ft) O.00	section: dth: 500.0 Major M&R Section: dth: 150.0 Major M&R Section: dth: 200.0 Major M&R Section:	Comm 3" AC, 9" Crushed A 6100-01 0 (Ft) True Area: Comm 4" AC, 14" Crushed 6100-02 0 (Ft) True Area: Comm 4" AC, 14" Crushed 4" AC, 14" Crushed	65000 (SqFt) nents Aggregate Base Co Surface: AC 885000 (SqFt) nents Aggregate Base C Surface: AC 40000 (SqFt) nents Aggregate Base C
L.C.D. 8/1/20 Work Date 8/1/2009 Network: L.C.D. 8/1/20 Work Date 8/1/2009 Network: L.C.D. 8/1/20 Work Date 8/1/2009	Work Code NC-IN Unalakleet 009 Us Work Code NC-IN Unalakleet 009 Us Work Code NC-IN Unalakleet 009 Us Work Code NC-IN	Work De New Construction Rese: RUNWAY Work De New Construction Here: RUNWAY Work De New Construction Work De New Construction Work De	Rank: T L scription on - Initial Branch: 6100 Rank: S L scription on - Initial Branch: 6100 Rank: T L scription on - Initial	Cost 0.00 15/33 ength: 5,900 Cost 0.00 15/33 ength: 200 Cost 0.00	.00 (Ft) Wi Thickness (in) .00 (Ft) Wi Thickness (in) .00 (Ft) Wi Thickness (in) .00 (Ft) Wi .00 (Ft) Wi .00 (Ft) Wi	Section: dth: 200.0 Major M&R Section: dth: 150.0 Major M&R Section: dth: 75.0	Comm 3" AC, 9" Crushed A 6100-01 0 (Ft) True Area: Comm 4" AC, 14" Crushed 6100-02 0 (Ft) True Area: Comm 4" AC, 14" Crushed	65000 (SqFt) nents Aggregate Base Co Surface:AC 885000 (SqFt) nents Aggregate Base C Surface:AC 40000 (SqFt) nents Aggregate Base C
L.C.D. 8/1/20 Work Date 8/1/2009 Network: L.C.D. 8/1/20 Work Date 8/1/2009 Network: L.C.D. 8/1/20 Work Date 8/1/2009	Work Code NC-IN Unalakleet 009 Work Code NC-IN Unalakleet 009 Us Work Code NC-IN Unalakleet	Work De New Construction Here: RUNWAY Work De New Construction Here: RUNWAY Work De New Construction Work De New Construction New Construction Work De	Rank: T L scription on - Initial Branch: 6100 Rank: S L scription on - Initial Branch: 6100 Rank: T L scription on - Initial Branch: 6200 Rank: T L	Cost 0.00 15/33 ength: 5,900 Cost 0.00 15/33 ength: 200 Cost 0.00 08/26	.00 (Ft) Wi Thickness (in) .00 (Ft) Wi Thickness (in) .00 (Ft) Wi Thickness (in) .00 (Ft) O.00	section: dth: 200.0 Major M&R Section: dth: 150.0 Major M&R Section: dth: 250.0 Major M&R Major M&R Major M&R Major M&R Major M&R Major M&R	Comm 3" AC, 9" Crushed A 6100-01 0 (Ft) True Area: Comm 4" AC, 14" Crushed 6100-02 0 (Ft) True Area: Comm 4" AC, 14" Crushed 4" AC, 14" Crushed	65000 (SqFt) nents Aggregate Base Co Surface: AC 885000 (SqFt) nents Aggregate Base C Surface: AC 40000 (SqFt) nents Aggregate Base C Surface: AC 130173 (SqFt)
L.C.D. 8/1/20 Work Date 8/1/2009 Network: L.C.D. 8/1/20 Work Date 8/1/2009 Network: L.C.D. 8/1/20 Work Date 8/1/2009 Network: L.C.D. 8/1/20 Network: L.C.D. 8/1/20	Work Code NC-IN Unalakleet 009 Us Work Code NC-IN Unalakleet 009 Us Work Code NC-IN Unalakleet 009 Us Work Code NC-IN	Work De New Construction Ree: RUNWAY Work De New Construction Ree: RUNWAY Work De New Construction Ree: RUNWAY	Rank: T L scription on - Initial Branch: 6100 Rank: S L scription on - Initial Branch: 6100 Rank: T L scription on - Initial Branch: 6200 Rank: T L scription	Cost 0.00 15/33 ength: 5,900 Cost 0.00 15/33 ength: 200 Cost 0.00 08/26 ength: 1,900	.00 (Ft) Wi Thickness (in) .00 (Ft) Wi Thickness	Section: dth: 200.0 Major M&R Section: dth: 150.0 Major M&R Section: dth: 75.0	Comm 3" AC, 9" Crushed A 6100-01 0 (Ft) True Area: Comm 4" AC, 14" Crushed 6100-02 0 (Ft) True Area: Comm 4" AC, 14" Crushed 6200-01 0 (Ft) True Area:	65000 (SqFt) nents Aggregate Base Co Surface:AC 885000 (SqFt) nents Aggregate Base C Surface:AC 40000 (SqFt) nents Aggregate Base C Surface:AC 130173 (SqFt) nents

Pavement Management System PAVER 7.0 TM

Work History Report

Page 2 of 3

Pavement Database: Alaska

	Network: Unalakleet		Branch: 6200	08/26		Section:	Surface:AC		
ı	L.C.D. 8/1/2009 Use: RUNWAY			Rank: T	Length: 200	.00 (Ft) Wi	dth: 105.0	0 (Ft) True Area:	21000 (SqFt)
	Work Date	Work Code	Work I	Description	Cost	Thickness (in)	Major M&R	Comments	
	8/1/2009	09 NC-IN New Construction -		ion - Initial	0.00	0.00	V	4" AC, 14" Crushed	d Aggregate Base C

Network: Unalakleet			Branch: 6200				Section: 6200-03 Width: 105.00 (Ft) True Area:		
ı	L.C.D. 8/1/2009 Use: RUNWAY			Rank: T Length: 200.00 (Ft)			idth: 105.0	21000 (SqFt)	
	Work Date	Date Work Code Work		Description	Cost	Thickness (in)	Major M&R	Comr	nents
	8/1/2009	NC-IN	New Construct	tion - Initial	0.00	0.00	V	4" AC, 14" Crushed	l Aggregate Base C

Pavement Management System PAVER 7.0 TM

Work History Report

Page 3 of 3

Pavement Database: Alaska

Summary:

Work Description	Section Count	Area Total (SqFt)	Thickness Avg (in)	Thickness STD (in)
New Construction - Initial	10	1,508,949.00	0.00	0.00

Pavement Management System PAVER 7.0 TM

PHYSICAL PROPERTY DATA

		Pavement		Base		Subbase		Subgrade	
Branch ID	Section ID	Thick (in)	Туре	Thick (in)	Туре	Thick (in)	Туре	Туре	CBR
Taxiway A 0100	0100-01	4	P-401	14	P-209	-	-	GP ¹	12
Taxiway B 0200	0200-01	4	P-401	14	P-209	1	1	GP ¹	12
Taxiway C 0300	0300-01	4	P-401	14	P-209	ı	1	GP ¹	12
Main Apron 4100	4100-01	3	P-401	9	P-209	ı	ı	GP ¹	12
GA Apron 4200	4200-01	3	P-401	9	P-209	ı	1	GP ¹	12
Runway 15/33	6100-01 RW 15/33	4	P-401	14	P-209	-	-	GP ¹	12
6100	6100-02 S. Overrun	4	P-401	14	P-209	1	1	GP ¹	12
	6200-01 RW 08/26	4	P-401	14	P-209	-	-	GP ¹	12
Runway 08/26 6200	6200-02 W. Overrun	4	P-401	14	P-209	ı	1	GP ¹	12
	6200-03 E. Overrun	4	P-401	14	P-209	-	-	GP ¹	12

Notes:

1. Soil type is estimated from construction records.

AIRCRAFT FLEET MIX

No.	Aircraft	Gross Wt (lb)	% Gross Wt on Main Gear	Tire Pressure (psi)	Annual Departures	20 Yr Coverages
1	Cessna 206 Stationair	3,612	95.00	52	1,798	11,702
2	S-5	3,999	95.00	40	4	27
3	PA-32 Cherokee Six	3,400	95.00	50	4	26
4	S-15	17,637	95.00	59	507	3,989
5	Cessna 208B	8,750	95.00	75	3,377	23,311
6	S-10	10,450	95.00	52	87	641
7	PA-31-325 Navajo C/R	6,536	95.00	66	460	3,108
8	D-15	17,120	95.00	63	305	2,969
9	Beechcraft King Air	12,590	95.00	98	611	5,745
10	Q100/Dash 8-100	34,700	94.40	131	510	5,641
11	D-100	107,200	95.00	150	32	430
12	L-100-20	155,801	96.40	104	8	76
13	Saab 340B	29,000	95.00	55	6	68
14	B737-200	116,000	92.80	158	72	1,051
15	B737-300	140,000	90.80	201	69	993
16	B737-400	150,500	93.80	185	67	999
17	B737-7 MAX	177,500	93.40	204	41	602
18	DC9-51	109,000	94.00	154	36	502

PAVEMENT CLASSIFICATION RATINGS

Runway	Critical Aircraft	Max Allowable Wt (lb)	Subgrade Mr (psi)	Evaluation Thickness (in)	Pass to Traffic Cycle Ratio	PCR
08-26	B737-7 MAX	188,179	18,000	18.0	1.0	448/F/B/X/T
15-33	B737-7 MAX	188,179	18,000	18.0	1.0	448/F/B/X/T

PCR CALCULATION NOTES

- 1% traffic growth assumed
- Subgrade strength reduction for frost applied
- D-15 refers to "generic" dual gear aircraft as modeled in FAARFIELD

July 2025

REFERENCES

Year	Project No.	Document Title
2006	3-02-0309-02, 61438_63094	Airport Improvements As-Builts