

IDOT Office of Intermodal Project Implementation – Aeronautics
Airport Pavement Management System
Lake in the Hills Airport, Lake in the Hills
2024 PCI Summary Information

Airport Name	Branch ID	Section ID	Surface Type ¹	Inspection Date	2024 PCI	Percent of Distress Due to:			Type of Distresses ⁴	Total No. of Samples	No. Samples Inspected	Percent Samples Inspected ⁵
						Climate/Durability ²	Load ³	Other				
Lake in the Hills Airport	83CK	1	AC	6/8/2024	96	100	0	0	L&T Cracking	47	7	15%
	83CK	4	AAC	6/8/2024	94	100	0	0	L&T Cracking	1	1	100%
	A3CK	1	AC	6/8/2024	71	96	0	4	Depression, L&T Cracking, Raveling, Weathering	20	7	35%
	A3CK	4	AC	6/8/2024	81	100	0	0	L&T Cracking, Weathering	7	4	57%
	A3CK	5	AAC	6/8/2024	100	0	0	0	No Distress	1	1	100%
	A3CK	6	AAC	6/8/2024	96	100	0	0	L&T Cracking	1	1	100%
	A3CK	7	AAC	6/8/2024	96	100	0	0	L&T Cracking	1	1	100%
	A3CK	8	AAC	6/8/2024	96	100	0	0	L&T Cracking	1	1	100%
	R3CK	2	AC	6/8/2024	55	92	8	0	Alligator Cracking, L&T Cracking, Raveling, Weathering ⁶	4	3	75%
	R3CK	4	PCC	6/8/2024	98	100	0	0	Joint Seal Damage	5	4	80%
	TH3CK	1	AAC	6/8/2024	14	51	49	0	Alligator Cracking, L&T Cracking, Patching, Raveling, Rutting, Weathering	3	3	100%
	TH3CK	3	AC	6/8/2024	51	93	7	0	Alligator Cracking, L&T Cracking, Raveling, Weathering	8	4	50%
	TH3CK	5	AC	6/8/2024	67	95	0	5	L&T Cracking, Oil Spillage, Raveling, Weathering	3	3	100%

NOTES:

¹ Surface Type: AC = asphalt cement concrete; AAC = asphalt overlay on AC; PFC = porous friction course; PCC = portland cement concrete; APC = asphalt overlay on PCC.

² Distresses due to climate or durability include those distresses attributed to either the aging of the pavement and the effects of the environment (such as weathering, raveling, or block cracking on asphalt pavements) or to a materials-related problem (such as durability cracking on a PCC pavement).

³ Distresses due to load include those distresses attributed to a structural deficiency in the pavement, such as alligator cracking, rutting, or shattered PCC slabs.

⁴ L&T Cracking = Longitudinal and Transverse Cracking; LTD Cracking = Longitudinal, Transverse, and Diagonal Cracking; ASR = Alkali-Silica Reaction.

⁵ Percent Samples Inspected is calculated by dividing the No. Samples Inspected by the Total No. of Samples.

⁶ Bleeding was observed in this section but was not used in the PCI calculation at IDOT's request.