

IDOT Office of Intermodal Project Implementation – Aeronautics
Airport Pavement Management System
 Litchfield Municipal Airport, Litchfield
 2023 PCI Summary Information

Airport Name	Branch ID	Section ID	Surface Type ¹	Inspection Date	2023 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				
Litchfield Municipal Airport	183LF	1	AC	06-05-2023	65	100	0	0	L&T Cracking, Raveling, Weathering	54	7	13%
	93LF	1	PFC	06-05-2023	75	100	0	0	L&T Cracking, Raveling	30	6	20%
	93LF	2	PFC	06-05-2023	74	100	0	0	L&T Cracking, Raveling	4	3	75%
	93LF	3	PFC	06-05-2023	75	100	0	0	L&T Cracking, Raveling	8	4	50%
	93LF	4	PFC	06-05-2023	74	100	0	0	L&T Cracking, Raveling ⁶	8	4	50%
	A13LF	1	AC	06-05-2023	86	100	0	0	L&T Cracking, Weathering	2	2	100%
	A3LF	1	AAC	06-05-2023	88	100	0	0	L&T Cracking, Weathering	18	5	28%
	A3LF	2	AC	06-05-2023	99	100	0	0	Weathering	12	5	42%
	C23LF	1	AC	06-05-2023	65	100	0	0	L&T Cracking, Weathering	2	2	100%
	C3LF	1	AC	06-05-2023	71	84	16	0	Alligator Cracking, L&T Cracking, Weathering	10	5	50%
	C3LF	2	AC	06-05-2023	67	100	0	0	L&T Cracking, Weathering	13	5	38%
	C3LF	3	AC	06-05-2023	63	100	0	0	L&T Cracking, Weathering	1	1	100%
	C3LF	4	AC	06-05-2023	80	100	0	0	L&T Cracking, Weathering	21	6	29%
	R3LF	1	PFC	06-05-2023	86	100	0	0	L&T Cracking, Raveling ⁶	4	3	75%
	R3LF	2	PCC	06-05-2023	82	67	10	23	Corner Spalling, Joint Spalling, Joint Seal Damage, LTD Cracking	4	3	75%
	R3LF	3	PCC	06-05-2023	88	100	0	0	Joint Seal Damage	1	1	100%
	R3LF	4	PFC	06-05-2023	81	100	0	0	L&T Cracking, Raveling ⁶	4	3	75%
	R3LF	5	PFC	06-05-2023	82	100	0	0	L&T Cracking, Raveling ⁶	3	3	100%
	R3LF	6	AAC	06-05-2023	69	100	0	0	L&T Cracking, Weathering	8	4	50%
	TH3LF	1	PFC	06-05-2023	91	100	0	0	L&T Cracking, Raveling ⁶	1	1	100%
	TH3LF	2	AAC	06-05-2023	75	77	23	0	Alligator Cracking, L&T Cracking, Weathering ⁶	4	3	75%
	TH3LF	3	AAC	06-05-2023	68	71	29	0	L&T Cracking, Rutting, Weathering	4	3	75%
	TH3LF	5	AC	06-05-2023	74	100	0	0	L&T Cracking, Raveling, Weathering	6	4	67%

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.