

IDOT Office of Intermodal Project Implementation – Aeronautics
Airport Pavement Management System
Mount Carmel Municipal Airport, Mount Carmel
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				
Mount Carmel Municipal Airport	13AJG	1	AAC	06-05-2023	63	100	0	0	L&T Cracking, Weathering	30	6	20%
	13AJG	2	AAC	06-05-2023	56	100	0	0	L&T Cracking, Weathering	4	3	75%
	13AJG	3	AAC	06-05-2023	59	100	0	0	L&T Cracking, Weathering	2	2	100%
	13AJG	4	AAC	06-05-2023	73	100	0	0	L&T Cracking, Weathering	18	5	28%
	4AJG	1	AAC	06-05-2023	67	100	0	0	L&T Cracking, Raveling, Weathering ⁶	60	7	12%
	4AJG	2	AAC	06-05-2023	65	64	36	0	Alligator Cracking, L&T Cracking, Weathering	18	5	28%
	A1AJG	1	PFC	06-05-2023	97	100	0	0	L&T Cracking	2	2	100%
	A2AJG	1	AAC	06-05-2023	78	70	30	0	Alligator Cracking, L&T Cracking, Weathering	4	3	75%
	AAJG	1	PFC	06-05-2023	89	100	0	0	L&T Cracking, Raveling	12	7	58%
	AAJG	2	PFC	06-05-2023	81	100	0	0	L&T Cracking, Patching, Raveling ⁶	3	3	100%
	AAJG	3	PFC	06-05-2023	76	100	0	0	L&T Cracking, Raveling	6	4	67%
	AAJG	4	PFC	06-05-2023	90	100	0	0	L&T Cracking	3	3	100%
	AAJG	5	PFC	06-05-2023	88	100	0	0	L&T Cracking, Raveling	5	4	80%
	BAJG	1	PFC	06-05-2023	77	36	64	0	Alligator Cracking, L&T Cracking	3	3	100%
	CAJG	1	PFC	06-05-2023	74	62	38	0	L&T Cracking, Raveling, Rutting ⁶	2	2	100%
	RAJG	1	AAC	06-05-2023	82	100	0	0	L&T Cracking ⁶	7	4	57%
	RAJG	2	AAC	06-05-2023	97	100	0	0	L&T Cracking ⁶	1	1	100%
	RAJG	3	AC	06-05-2023	87	48	52	0	Alligator Cracking, L&T Cracking ⁶	2	2	100%
	THAJG	1	AC	06-05-2023	83	44	56	0	Alligator Cracking, L&T Cracking, Weathering	3	3	100%
	THAJG	3	AC	06-05-2023	72	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.