

IDOT Office of Intermodal Project Implementation – Aeronautics
Airport Pavement Management System
Macomb Municipal Airport, Macomb
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				
Macomb Municipal Airport	9MQB	1	AAC	6/16/2024	94	100	0	0	Weathering	74	8	11%
	9MQB	2	AAC	6/16/2024	94	100	0	0	Weathering	12	5	42%
	9MQB	3	AAC	6/16/2024	94	100	0	0	Weathering	14	5	36%
	A1MQB	1	AAC	6/16/2024	82	100	0	0	L&T Cracking, Weathering	3	3	100%
	A2MQB	1	AAC	6/16/2024	89	100	0	0	L&T Cracking, Weathering ⁶	2	2	100%
	A3MQB	1	AC	6/16/2024	68	100	0	0	L&T Cracking, Weathering ⁶	2	2	100%
	AMQB	1	AAC	6/16/2024	91	100	0	0	L&T Cracking, Weathering	7	4	57%
	AMQB	2	AAC	6/16/2024	94	100	0	0	Weathering	9	4	44%
	AMQB	3	AC	6/16/2024	52	100	0	0	Block Cracking, L&T Cracking, Raveling, Weathering ⁶	13	5	38%
	RMQB	1	AAC	6/16/2024	89	100	0	0	L&T Cracking, Weathering	2	2	100%
	RMQB	2	PCC	6/16/2024	95	78	22	0	Joint Seal Damage, LTD Cracking	18	7	39%
	RMQB	3	PCC	6/16/2024	72	38	36	26	Corner Break, Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking, Small Patch	2	2	100%
	RMQB	4	PCC	6/16/2024	12	6	47	47	Corner Break, Faulting, Joint Spalling, Joint Seal Damage, Large Patch, LTD Cracking, Shattered Slab, Shrinkage Cracking, Small Patch	2	2	100%
	RMQB	1A	PCC	6/16/2024	98	58	0	42	Joint Spalling, Joint Seal Damage, Shrinkage Cracking	22	7	32%
	THMQB	1	AC	6/16/2024	22	49	51	0	Alligator Cracking, Block Cracking, Weathering	3	3	100%
	THMQB	2	PCC	6/16/2024	76	45	10	45	ASR, Faulting, Joint Seal Damage, LTD Cracking	7	5	71%
	THMQB	3	PCC	6/16/2024	96	100	0	0	Joint Seal Damage	7	4	57%
	THMQB	7	PCC	6/16/2024	81	62	18	20	Corner Break, Faulting, Joint Seal Damage	1	1	100%
	THMQB	9	PCC	6/16/2024	72	31	43	26	Corner Break, Faulting, Joint Seal Damage, LTD Cracking	2	2	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.