

IDOT Office of Intermodal Project Implementation – Aeronautics
Airport Pavement Management System
Pekin Municipal Airport, Pekin
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				
Pekin Municipal Airport	9C15	1	AC	06-05-2023	97	100	0	0	L&T Cracking, Weathering	50	7	14%
	9C15	2	AAC	06-05-2023	94	100	0	0	L&T Cracking, Weathering	16	5	31%
	AC15	1	PFC	06-05-2023	67	100	0	0	L&T Cracking, Raveling	2	2	100%
	AC15	2	PFC	06-05-2023	69	100	0	0	L&T Cracking, Raveling	11	5	45%
	AC15	3	PFC	06-05-2023	68	100	0	0	L&T Cracking, Raveling	13	5	38%
	AC15	4	PFC	06-05-2023	60	100	0	0	L&T Cracking, Raveling	2	2	100%
	AC15	5	PFC	06-05-2023	63	100	0	0	L&T Cracking, Raveling	3	3	100%
	AC15	6	AC	06-05-2023	58	100	0	0	Block Cracking, L&T Cracking, Weathering	1	1	100%
	AC15	7	AC	06-05-2023	49	100	0	0	Block Cracking, L&T Cracking, Weathering	1	1	100%
	AC15	2-1	PFC	06-05-2023	51	100	0	0	Block Cracking, L&T Cracking, Raveling	1	1	100%
	AC15	2-2	PFC	06-05-2023	65	100	0	0	L&T Cracking, Raveling	1	1	100%
	AC15	2-3	AC	06-05-2023	54	100	0	0	Block Cracking, L&T Cracking, Patching, Weathering	1	1	100%
	BC15	1	AAC	06-05-2023	97	100	0	0	L&T Cracking, Weathering	3	3	100%
	RC15	1	AAC	06-05-2023	69	100	0	0	L&T Cracking, Weathering	19	6	32%
	RC15	2	AAC	06-05-2023	77	96	0	4	L&T Cracking, Swelling, Weathering	10	5	50%
	RC15	3	AAC	06-05-2023	72	100	0	0	L&T Cracking, Weathering	10	5	50%
	RC15	4	AAC	06-05-2023	72	100	0	0	L&T Cracking, Weathering	10	5	50%
	THC15	1	AAC	06-05-2023	72	100	0	0	L&T Cracking, Weathering	2	2	100%
	THC15	2	AAC	06-05-2023	69	100	0	0	L&T Cracking, Weathering	3	3	100%
	THC15	4	AAC	06-05-2023	67	100	0	0	L&T Cracking, Weathering	2	2	100%
	THC15	5	AAC	06-05-2023	66	100	0	0	L&T Cracking, Patching, Weathering	4	3	75%
	THC15	6	AAC	06-05-2023	70	80	20	0	L&T Cracking, Patching, Rutting, Weathering	5	4	80%

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.