

IDOT Office of Intermodal Project Implementation – Aeronautics
Airport Pavement Management System
Joliet Regional Airport, Joliet
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				
Joliet Regional Airport	13JOT	1	PFC	07-18-2023	80	100	0	0	L&T Cracking, Raveling	56	7	13%
	AJOT	1	AAC	07-18-2023	75	100	0	0	L&T Cracking, Weathering	3	3	100%
	AJOT	2	AAC	07-18-2023	74	80	20	0	L&T Cracking, Rutting, Weathering	14	6	43%
	AJOT	3	AC	07-18-2023	82	100	0	0	L&T Cracking, Weathering	1	1	100%
	CJOT	1	AC	07-18-2023	70	96	0	4	Depression, L&T Cracking, Weathering	4	3	75%
	CJOT	3	AAC	07-18-2023	70	100	0	0	L&T Cracking, Weathering	1	1	100%
	RJOT	1	PCC	07-18-2023	65	27	55	18	Corner Spalling, Joint Spalling, Joint Seal Damage, LTD Cracking	2	2	100%
	RJOT	2	AC	07-18-2023	65	97	0	3	L&T Cracking, Oil Spillage, Patching, Raveling, Weathering	30	6	20%
	RJOT	5	PCC	07-18-2023	86	85	0	15	Corner Spalling, Joint Seal Damage	6	4	67%
	THJOT	1	AC	07-18-2023	47	88	12	0	L&T Cracking, Patching, Raveling, Rutting, Weathering	1	1	100%
	THJOT	2	AC	07-18-2023	33	87	13	0	L&T Cracking, Raveling, Rutting, Weathering	1	1	100%
	THJOT	3	AC	07-18-2023	28	69	31	0	Alligator Cracking, L&T Cracking, Raveling, Rutting, Weathering	1	1	100%
	THJOT	4	AC	07-18-2023	30	52	48	0	Alligator Cracking, L&T Cracking, Raveling, Rutting, Weathering	1	1	100%
	THJOT	5	AC	07-18-2023	69	100	0	0	L&T Cracking, Raveling	8	4	50%
	THJOT	7	AC	07-18-2023	94	100	0	0	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.