

IDOT Office of Intermodal Project Implementation – Aeronautics
Airport Pavement Management System
Whiteside County Airport-Jos H Bittorf Field, Sterling/Rockfalls
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				
Whiteside County Airport-Jos H Bittorf Field	18SQI	1	AAC	06-22-2023	96	100	0	0	L&T Cracking, Weathering	68	7	10%
	7SQI	1	PFC	06-22-2023	34	99	0	1	L&T Cracking, Raveling, Swelling ⁶	195	17	9%
	ASQI	1	AAC	06-22-2023	98	100	0	0	Weathering	4	3	75%
	ASQI	2	AAC	06-22-2023	76	100	0	0	L&T Cracking, Weathering	50	7	14%
	ASQI	3	AAC	06-22-2023	35	100	0	0	L&T Cracking, Patching, Raveling, Weathering	2	2	100%
	ASQI	4	AAC	06-22-2023	98	100	0	0	Weathering	1	1	100%
	ASQI	5	AAC	06-22-2023	98	100	0	0	Weathering	1	1	100%
	DSQI	1	AAC	06-22-2023	88	100	0	0	L&T Cracking, Weathering	3	3	100%
	DSQI	2	AC	08-04-2023	100	0	0	0	No distress	5	4	80%
	ESQI	1	AAC	06-22-2023	35	100	0	0	Block Cracking, L&T Cracking, Patching, Weathering	2	2	100%
	ESQI	2	AAC	06-22-2023	79	100	0	0	L&T Cracking, Weathering	2	2	100%
	FSQI	1	AAC	06-22-2023	83	100	0	0	L&T Cracking, Weathering	10	5	50%
	RSQI	1	AAC	06-22-2023	51	100	0	0	L&T Cracking, Weathering	15	5	33%
	RSQI	2	AAC	06-22-2023	45	97	0	3	L&T Cracking, Swelling, Weathering	12	5	42%
	RSQI	3	AAC	06-22-2023	53	100	0	0	L&T Cracking, Weathering	8	4	50%
	RSQI	4	AAC	06-22-2023	43	100	0	0	Block Cracking, L&T Cracking, Raveling, Weathering	8	4	50%
	RSQI	5	APC	06-22-2023	48	100	0	0	Joint Reflection Cracking, L&T Cracking, Weathering	2	2	100%
	RSQI	6	AC	06-22-2023	52	98	0	2	Depression, L&T Cracking, Patching, Weathering	15	5	33%
	RSQI	7	AAC	06-22-2023	92	100	0	0	L&T Cracking, Weathering	3	3	100%
	THSQI	1	AAC	06-22-2023	69	100	0	0	L&T Cracking, Raveling, Weathering	8	4	50%
	THSQI	2	AC	06-22-2023	49	72	28	0	Alligator Cracking, L&T Cracking, Raveling, Rutting, Weathering	6	4	67%
	THSQI	4	AC	06-22-2023	65	100	0	0	L&T Cracking, Weathering	7	4	57%

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.