

IDOT Office of Intermodal Project Implementation – Aeronautics
Airport Pavement Management System
Lawrenceville-Vincennes International Airport, Lawrenceville
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				
Lawrenceville-Vincennes International Airport	18LWV	1	AAC	07-07-2023	100	0	0	0	No distress	94	10	11%
	18LWV	2	AAC	07-07-2023	100	0	0	0	No distress	6	4	67%
	9LWV	1	AAC	06-05-2023	55	100	0	0	L&T Cracking, Raveling, Weathering	100	11	11%
	9LWV	2	AAC	07-07-2023	100	0	0	0	No distress	2	2	100%
	ALWV	1	APC	06-05-2023	73	96	0	4	L&T Cracking, Raveling, Swelling, Weathering	24	7	29%
	ALWV	2	APC	06-05-2023	61	100	0	0	Joint Reflection Cracking, L&T Cracking, Raveling, Weathering	10	5	50%
	ALWV	3	AAC	06-05-2023	66	100	0	0	L&T Cracking, Weathering	33	7	21%
	BLWV	1	AAC	06-05-2023	65	100	0	0	L&T Cracking, Weathering ⁶	3	3	100%
	CLWV	1	AAC	06-05-2023	68	100	0	0	L&T Cracking, Weathering	3	3	100%
	CLWV	2	APC	06-05-2023	68	100	0	0	Joint Reflection Cracking, L&T Cracking, Weathering	2	2	100%
	DLWV	1	AAC	06-05-2023	66	100	0	0	L&T Cracking, Weathering ⁶	4	3	75%
	ELWV	1	AAC	06-05-2023	64	79	21	0	Alligator Cracking, L&T Cracking, Weathering	14	5	36%
	FLWV	1	APC	06-05-2023	65	91	0	9	Bleeding, Joint Reflection Cracking, L&T Cracking, Swelling, Weathering	3	3	100%
	FLWV	2	AAC	06-05-2023	62	80	20	0	Alligator Cracking, L&T Cracking, Weathering ⁶	4	3	75%
	GLWV	1	APC	06-05-2023	69	97	0	3	Joint Reflection Cracking, L&T Cracking, Swelling, Weathering	3	3	100%
	GLWV	2	AAC	06-05-2023	69	73	0	27	L&T Cracking, Swelling, Weathering	4	3	75%
	HLWV	1	AAC	06-05-2023	69	80	20	0	Alligator Cracking, L&T Cracking, Weathering	11	5	45%
	JLWV	1	APC	06-05-2023	74	96	0	4	Joint Reflection Cracking, L&T Cracking, Swelling, Weathering ⁶	3	3	100%
	JLWV	2	AAC	06-05-2023	75	100	0	0	L&T Cracking, Weathering ⁶	3	3	100%
	RLWV	1	APC	06-05-2023	57	99	0	1	Block Cracking, Joint Reflection Cracking, L&T Cracking, Swelling, Weathering ⁶	17	5	29%
	RLWV	2	APC	06-05-2023	71	96	0	4	Joint Reflection Cracking, L&T Cracking, Raveling, Swelling	16	5	31%
	RLWV	3	APC	06-05-2023	67	100	0	0	Joint Reflection Cracking, L&T Cracking, Weathering	13	5	38%
	RLWV	4	APC	06-05-2023	68	95	0	5	Joint Reflection Cracking, L&T Cracking, Swelling, Weathering	2	2	100%
	RLWV	5	APC	06-05-2023	71	100	0	0	L&T Cracking, Weathering	7	4	57%
	RLWV	6	APC	06-05-2023	68	100	0	0	Joint Reflection Cracking, L&T Cracking, Weathering	3	3	100%
	RLWV	7	PFC	06-05-2023	98	100	0	0	L&T Cracking ⁶	2	2	100%
	RLWV	8	PCC	06-05-2023	98	100	0	0	Joint Seal Damage	2	2	100%

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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.