

IDOT Office of Intermodal Project Implementation – Aeronautics
Airport Pavement Management System
Marshall County Airport, Lacon
2025 PCI Summary Information

Airport Name	Branch ID	Section ID	Surface Type ¹	Inspection Date	2025 PCI	Percent of Distress Due to:			Type of Distresses ⁵	Total No. of Samples	No. Samples Inspected	Percent Samples Inspected ⁶
						Climate/ Durability ²	Load ³	Other ⁴				
Marshall County Airport	13C75	1	AAC	8/2/2025	100	0	0	0	No Distress	38	7	18%
	13C75	2	AAC	8/2/2025	100	0	0	0	No Distress	3	3	100%
	13C75	3	AAC	8/2/2025	100	0	0	0	No Distress	10	5	50%
	18C75	1	PFC	7/14/2025	76	100	0	0	L&T Cracking, Raveling	4	3	75%
	18C75	2	PFC	7/14/2025	77	100	0	0	L&T Cracking, Raveling	14	5	36%
	AC75	1	PFC	7/14/2025	75	100	0	0	L&T Cracking, Raveling ⁷	1	1	100%
	BC75	1	PFC	7/14/2025	74	100	0	0	L&T Cracking, Raveling ⁷	1	1	100%
	C1C75	1	AAC	7/14/2025	73	100	0	0	L&T Cracking, Raveling, Weathering	2	2	100%
	CC75	1	AC	7/14/2025	58	100	0	0	L&T Cracking, Raveling, Weathering ⁷	8	5	63%
	CC75	2	AC	7/14/2025	78	100	0	0	L&T Cracking, Weathering ⁷	4	3	75%
	CC75	3	AC	7/14/2025	74	52	48	0	Alligator Cracking, L&T Cracking, Weathering ⁷	8	4	50%
	CC75	4	AAC	8/2/2025	100	0	0	0	No Distress	1	1	100%
	RC75	1	AAC	7/14/2025	39	76	23	1	Alligator Cracking, Depression, L&T Cracking, Weathering	5	4	80%
	RC75	2	PCC	7/14/2025	88	100	0	0	Joint Seal Damage	17	7	41%
	RC75	3	PCC	7/14/2025	100	0	0	0	No Distress	15	6	40%
	RC75	3A	AC	7/14/2025	52	100	0	0	Depression, L&T Cracking, Weathering	2	2	100%
	TH2C75	1	AC	7/14/2025	43	100	0	0	Block Cracking, L&T Cracking, Weathering	6	4	67%
	THC75	1	AAC	7/14/2025	98	100	0	0	Raveling	3	3	100%
	THC75	2	AAC	7/14/2025	100	0	0	0	No Distress	1	1	100%
	THC75	3	AC	7/14/2025	4	56	44	0	Alligator Cracking, L&T Cracking, Raveling, Weathering	1	1	100%
	THC75	4	AC	7/14/2025	2	50	50	0	Alligator Cracking, Raveling, Weathering	1	1	100%
	THC75	5	AC	7/14/2025	3	58	42	0	Alligator Cracking, L&T Cracking, Raveling, Weathering	1	1	100%
	THC75	6	AAC	7/14/2025	8	52	48	0	Alligator Cracking, L&T Cracking, Raveling, Rutting, Weathering	1	1	100%
	THC75	7	AC	7/14/2025	84	100	0	0	L&T Cracking, Weathering	2	2	100%
	THC75	8	AC	7/14/2025	28	100	0	0	L&T Cracking, Raveling, Weathering	1	1	100%
	THC75	1-1	AC	7/14/2025	35	100	0	0	Block Cracking, L&T Cracking, Raveling, Weathering	1	1	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-surfaced pavements) or to a materials-related problem (such as durability cracking or alkali-silica reaction [ASR] on a PCC pavement). If materials-related distresses were recorded during the inspection, further laboratory testing is required to definitively determine the type present.

³ Distresses due to load include those distresses attributed to a structural deficiency in the pavement, such as alligator cracking or rutting on asphalt-surfaced pavement or shattered concrete slabs on a PCC pavement.

⁴ Distresses due to other refers to distresses not attributed to one factor but rather what may be caused by a combination of factors.

⁵ Distress types are defined by ASTM D5340. L&T Cracking = Longitudinal and Transverse Cracking; LTD Cracking = Longitudinal, Transverse, and Diagonal Cracking; ASR = Alkali-Silica Reaction.

⁶ Percent Samples Inspected is calculated by dividing the No. Samples Inspected by the Total No. of Samples.

⁷ Bleeding was observed in this section but was not recorded or used in the PCI calculation at IDOT's request.