

IDOT Office of Intermodal Project Implementation – Aeronautics
Airport Pavement Management System
Southern Illinois Airport, Carbondale
2024 PCI Summary Information

Airport Name	Branch ID	Section ID	Surface Type ¹	Inspection Date	2024 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				
Southern Illinois Airport	18LMDH	1	AAC	7/28/2024	63	100	0	0	L&T Cracking, Raveling, Weathering	24	6	25%
	18LMDH	2	AAC	7/28/2024	62	100	0	0	L&T Cracking, Raveling, Weathering	30	6	20%
	18LMDH	3	AAC	7/28/2024	61	100	0	0	L&T Cracking, Raveling, Weathering	28	6	21%
	18LMDH	4	AAC	7/28/2024	62	100	0	0	L&T Cracking, Raveling, Weathering	2	2	100%
	18LMDH	5	AAC	7/28/2024	63	100	0	0	L&T Cracking, Raveling, Weathering	14	5	36%
	18LMDH	6	AAC	7/28/2024	63	100	0	0	L&T Cracking, Raveling, Weathering	10	5	50%
	18LMDH	7	AAC	7/28/2024	63	100	0	0	L&T Cracking, Raveling, Weathering ⁶	14	5	36%
	18RMDH	1	AC	7/29/2024	55	92	8	0	Alligator Cracking, L&T Cracking, Patching, Raveling, Weathering	42	7	17%
	6MDH	1	PFC	7/29/2024	61	100	0	0	L&T Cracking, Raveling	4	3	75%
	6MDH	2	PFC	7/28/2024	66	100	0	0	L&T Cracking, Raveling	6	4	67%
	6MDH	3	AAC	7/28/2024	54	100	0	0	L&T Cracking, Raveling, Weathering	6	4	67%
	6MDH	4	PFC	7/29/2024	73	83	17	0	L&T Cracking, Raveling, Rutting ⁶	48	7	15%
	6MDH	5	PFC	7/29/2024	76	100	0	0	L&T Cracking, Raveling	12	5	42%
	6MDH	6	PFC	7/29/2024	65	100	0	0	L&T Cracking, Raveling	6	4	67%
	A1MDH	1	AC	7/29/2024	36	100	0	0	L&T Cracking, Raveling, Weathering	1	1	100%
	A1MDH	2	AAC	7/28/2024	60	100	0	0	L&T Cracking, Raveling, Weathering	2	2	100%
	A2MDH	1	AAC	7/29/2024	38	100	0	0	L&T Cracking, Raveling	1	1	100%
	A2MDH	2	AAC	7/28/2024	59	100	0	0	L&T Cracking, Raveling, Weathering	2	2	100%
	AMDH	1	AC	7/29/2024	55	100	0	0	L&T Cracking, Raveling, Weathering ⁶	35	7	20%
	AMDH	2	AAC	7/29/2024	52	100	0	0	L&T Cracking, Raveling, Weathering ⁶	33	7	21%
	AMDH	3	AC	7/29/2024	40	89	11	0	L&T Cracking, Patching, Raveling, Rutting, Weathering ⁶	6	6	100%
	B1MDH	1	AAC	7/29/2024	59	84	16	0	L&T Cracking, Raveling, Rutting, Weathering ⁶	1	1	100%
	B1MDH	2	AAC	7/29/2024	71	100	0	0	L&T Cracking, Raveling ⁶	1	1	100%
	B2MDH	1	AAC	7/29/2024	67	82	18	0	L&T Cracking, Raveling, Rutting, Weathering	1	1	100%
	BMDH	1	AAC	7/29/2024	63	100	0	0	L&T Cracking, Raveling, Weathering ⁶	21	6	29%
	BMDH	2	AC	7/28/2024	66	100	0	0	L&T Cracking, Raveling, Weathering	3	3	100%
	BMDH	3	AAC	7/29/2024	65	100	0	0	L&T Cracking, Raveling, Weathering ⁶	6	4	67%
	C1MDH	1	AC	7/29/2024	50	100	0	0	L&T Cracking, Raveling, Weathering	1	1	100%
	CMDH	1	AC	7/29/2024	52	92	8	0	Alligator Cracking, L&T Cracking, Raveling, Weathering ⁶	10	5	50%
	CMDH	2	AC	7/29/2024	59	100	0	0	Depression, L&T Cracking, Raveling, Weathering	1	1	100%
	CMDH	3	AC	7/29/2024	54	88	10	2	Depression, L&T Cracking, Raveling, Rutting, Weathering	7	5	71%
	DMDH	1	AC	7/28/2024	75	100	0	0	L&T Cracking, Weathering ⁶	1	1	100%

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						Climate/ Durability ²	Load ³	Other				
Southern Illinois Airport	EMDH	1	AC	7/29/2024	60	62	38	0	Alligator Cracking, L&T Cracking, Rutting, Weathering ⁶	1	1	100%
	EMDH	2	AC	7/29/2024	47	100	0	0	L&T Cracking, Raveling, Weathering	1	1	100%
	FMDH	1	AAC	7/29/2024	66	100	0	0	L&T Cracking, Raveling, Weathering ⁶	3	3	100%
	FMDH	2	AAC	7/29/2024	66	85	15	0	L&T Cracking, Raveling, Rutting, Weathering ⁶	4	3	75%
	GMDH	1	AC	7/29/2024	55	100	0	0	L&T Cracking, Raveling, Weathering ⁶	1	1	100%
	GMDH	2	AC	7/28/2024	68	97	0	3	Depression, L&T Cracking, Raveling, Weathering	2	2	100%
	GMDH	3	AAC	7/28/2024	55	100	0	0	L&T Cracking, Raveling, Weathering	1	1	100%
	HMDH	1	AC	7/29/2024	66	100	0	0	L&T Cracking, Raveling, Weathering ⁶	2	2	100%
	HMDH	2	AC	7/28/2024	67	100	0	0	L&T Cracking, Raveling, Weathering	2	2	100%
	HMDH	3	AAC	7/28/2024	46	86	14	0	Alligator Cracking, L&T Cracking, Raveling, Weathering	1	1	100%
	JMDH	1	AC	7/28/2024	66	100	0	0	L&T Cracking, Raveling, Weathering	3	3	100%
	RMDH	1	PCC	7/30/2024	81	44	9	47	ASR, Corner Spalling, Joint Spalling, Joint Seal Damage, Large Patch, LTD Cracking, Shrinkage Cracking	18	7	39%
	RMDH	2	PCC	7/30/2024	94	96	0	4	Joint Spalling, Joint Seal Damage	9	5	56%
	RMDH	3	AC	7/30/2024	58	100	0	0	L&T Cracking, Raveling, Weathering ⁶	24	6	25%
	RMDH	4	PCC	7/29/2024	55	18	72	10	Corner Break, Faulting, Joint Seal Damage, LTD Cracking, Shrinkage Cracking	2	2	100%
	RMDH	6	APC	7/30/2024	54	89	0	11	Block Cracking, L&T Cracking, Raveling, Swelling, Weathering	24	7	29%
	RMDH	7	AC	7/29/2024	53	84	0	16	Depression, L&T Cracking, Patching, Raveling, Swelling, Weathering	6	4	67%
	RMDH	8	PCC	7/29/2024	86	86	0	14	Joint Spalling, Joint Seal Damage, Shrinkage Cracking	4	3	75%
	RMDH	10	AAC	7/30/2024	55	79	21	0	Alligator Cracking, L&T Cracking, Patching, Raveling, Rutting, Weathering	17	5	29%
	RMDH	11	AC	7/30/2024	64	91	0	9	Depression, L&T Cracking, Oil Spillage, Raveling, Swelling, Weathering ⁶	15	5	33%
	RMDH	12	AC	7/30/2024	50	96	0	4	Depression, L&T Cracking, Raveling, Weathering	10	5	50%
	RMDH	13	AC	7/30/2024	36	100	0	0	L&T Cracking, Raveling	12	5	42%
	RMDH	14	AC	7/30/2024	54	100	0	0	L&T Cracking, Raveling, Weathering	4	3	75%
	RMDH	15	AC	7/30/2024	94	100	0	0	Weathering	4	3	75%
	RMDH	8A	AC	7/29/2024	60	84	16	0	L&T Cracking, Rutting, Weathering	1	1	100%

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						Climate/Durability ²	Load ³	Other				
Southern Illinois Airport	THMDH	1	AC	7/29/2024	49	42	58	0	Alligator Cracking, L&T Cracking, Weathering ⁶	23	6	26%
	THMDH	2	AC	7/29/2024	65	100	0	0	L&T Cracking, Raveling, Weathering	3	3	100%

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.