

IDOT Office of Intermodal Project Implementation – Aeronautics
Airport Pavement Management System
 Coles County Memorial Airport, Mattoon
 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				
Coles County Memorial Airport	11MTO	1	AC	6/11/2024	82	95	0	5	L&T Cracking, Swelling	195	17	9%
	6MTO	1	AAC	6/11/2024	53	100	0	0	Depression, L&T Cracking, Weathering	44	7	16%
	6MTO	2	AAC	6/12/2024	68	100	0	0	L&T Cracking, Patching, Weathering	8	4	50%
	6MTO	3	AC	6/12/2024	75	100	0	0	L&T Cracking, Weathering	6	4	67%
	6MTO	4	AC	6/12/2024	88	100	0	0	L&T Cracking, Weathering	6	4	67%
	6MTO	5	AAC	6/12/2024	50	100	0	0	Block Cracking, L&T Cracking, Weathering	18	5	28%
	6MTO	6	AAC	6/12/2024	52	100	0	0	Block Cracking, L&T Cracking, Weathering	24	6	25%
	A1MTO	1	AC	6/12/2024	82	100	0	0	L&T Cracking, Weathering	2	2	100%
	AMTO	1	APC	6/11/2024	100	0	0	0	No Distress	10	5	50%
	AMTO	2	APC	6/11/2024	100	0	0	0	No Distress	2	2	100%
	AMTO	3	AAC	6/12/2024	89	100	0	0	L&T Cracking, Weathering	4	3	75%
	AMTO	4	AAC	6/12/2024	93	100	0	0	L&T Cracking, Weathering	5	4	80%
	B1MTO	1	AC	6/11/2024	85	100	0	0	L&T Cracking, Raveling, Weathering	3	3	100%
	B2MTO	1	AC	6/11/2024	89	100	0	0	L&T Cracking, Weathering	4	3	75%
	BMTO	1	AC	6/11/2024	79	100	0	0	L&T Cracking, Raveling, Weathering	31	7	23%
	BMTO	2	AC	6/11/2024	87	100	0	0	L&T Cracking, Patching, Weathering	32	7	22%
	BMTO	3	AC	6/11/2024	94	100	0	0	Weathering	3	3	100%
	C2MTO	1	AAC	6/11/2024	100	0	0	0	No Distress	3	3	100%
	C2MTO	2	AAC	6/11/2024	100	0	0	0	No Distress	1	1	100%
	CMTO	1	PCC	6/12/2024	42	14	0	86	ASR, Joint Spalling, Joint Seal Damage, Large Patch, Popouts, Small Patch	2	2	100%
	CMTO	2	AC	6/11/2024	81	100	0	0	L&T Cracking, Weathering	3	3	100%
	CMTO	3	AAC	6/11/2024	100	0	0	0	No Distress	22	6	27%
	D3MTO	1	AAC	6/12/2024	94	100	0	0	Weathering	2	2	100%
	D4MTO	1	AAC	6/12/2024	94	100	0	0	Weathering	3	3	100%
	DMTO	1	AAC	6/12/2024	92	100	0	0	L&T Cracking, Weathering	7	4	57%
	DMTO	2	AAC	6/12/2024	90	100	0	0	L&T Cracking, Weathering	22	6	27%
	DMTO	3	APC	6/12/2024	79	100	0	0	Joint Reflection Cracking, L&T Cracking, Weathering	1	1	100%
	DMTO	4	PCC	6/12/2024	35	12	88	0	Joint Seal Damage, LTD Cracking, Shattered Slab	1	1	100%
	DMTO	5	PCC	6/11/2024	82	57	25	18	Joint Spalling, Joint Seal Damage, LTD Cracking, Shrinkage Cracking	2	2	100%
	RMTO	1	APC	6/12/2024	62	82	18	0	L&T Cracking, Rutting, Weathering	10	5	50%
	RMTO	2	AAC	6/12/2024	61	100	0	0	L&T Cracking, Weathering	6	4	67%
	RMTO	3	AAC	6/12/2024	61	91	0	9	L&T Cracking, Shoving, Weathering	10	5	50%
	RMTO	4	PCC	6/12/2024	51	0	0	100	ASR, Large Patch, Popouts, Small Patch	12	6	50%
	RMTO	5	PCC	6/12/2024	54	0	5	95	ASR, Joint Spalling, Large Patch, LTD Cracking, Popouts, Small Patch	43	8	19%

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						Climate/ Durability ²	Load ³	Other				
Coles County Memorial Airport	RMTO	6	AAC	6/12/2024	88	100	0	0	L&T Cracking, Weathering	16	5	31%
	THMTO	1	AAC	6/12/2024	40	73	27	0	Alligator Cracking, Block Cracking, L&T Cracking, Weathering	4	3	75%
	THMTO	2	AAC	6/12/2024	22	43	54	3	Alligator Cracking, Block Cracking, Depression, L&T Cracking, Patching, Rutting, Weathering	3	3	100%
	THMTO	3	AAC	6/12/2024	42	100	0	0	Block Cracking, Weathering	5	4	80%
	THMTO	4	AAC	6/12/2024	38	100	0	0	Block Cracking, Patching, Weathering	1	1	100%
	THMTO	5	AAC	6/12/2024	52	55	45	0	Alligator Cracking, L&T Cracking, Weathering	2	2	100%
	THMTO	6	AAC	6/12/2024	57	100	0	0	Block Cracking, Depression, L&T Cracking, Raveling, Weathering	4	3	75%
	THMTO	7	AAC	6/12/2024	49	85	10	5	Alligator Cracking, Depression, L&T Cracking, Swelling, Weathering	2	2	100%
	THMTO	8	AC	6/12/2024	54	57	43	0	Alligator Cracking, L&T Cracking, Patching, Rutting, Weathering ⁶	3	3	100%
	THMTO	9	AAC	6/12/2024	72	62	38	0	Alligator Cracking, L&T Cracking, Patching, Weathering	3	3	100%
	THMTO	10	AC	6/12/2024	47	100	0	0	L&T Cracking, Weathering	1	1	100%
	THMTO	11	AC	6/12/2024	68	99	0	1	Depression, L&T Cracking, Weathering	1	1	100%
	THMTO	1-1	AAC	6/12/2024	94	100	0	0	Weathering	1	1	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.