

IDOT Office of Intermodal Project Implementation – Aeronautics
Airport Pavement Management System
Decatur Airport, Decatur
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				
Decatur Airport	12DEC	1	APC	6/12/2024	41	100	0	0	Block Cracking, Joint Reflection Cracking, L&T Cracking, Weathering	24	6	25%
	12DEC	2	APC	6/12/2024	43	100	0	0	Block Cracking, Joint Reflection Cracking, L&T Cracking, Patching, Weathering	96	12	13%
	12DEC	3	APC	6/12/2024	73	100	0	0	L&T Cracking, Weathering	18	5	28%
	12DEC	4	AAC	6/12/2024	81	100	0	0	L&T Cracking, Weathering	6	4	67%
	12DEC	5	PCC	6/12/2024	68	0	14	86	ASR, Corner Break, Faulting, LTD Cracking, Small Patch	18	7	39%
	18DEC	1	APC	6/12/2024	36	100	0	0	Block Cracking, Joint Reflection Cracking, L&T Cracking, Weathering	21	6	29%
	18DEC	2	APC	6/12/2024	37	100	0	0	Block Cracking, Joint Reflection Cracking, L&T Cracking, Raveling, Weathering	105	11	10%
	18DEC	3	APC	6/12/2024	40	94	6	0	Alligator Cracking, Block Cracking, Joint Reflection Cracking, L&T Cracking, Raveling, Weathering	12	5	42%
	18DEC	4	PCC	6/12/2024	89	61	0	39	Corner Spalling, Joint Spalling, Joint Seal Damage, Shrinkage Cracking, Small Patch	2	2	100%
	18DEC	5	APC	6/12/2024	37	100	0	0	Block Cracking, Weathering	3	3	100%
	6DEC	1	APC	6/12/2024	81	100	0	0	L&T Cracking, Weathering	66	7	11%
	6DEC	2	APC	6/12/2024	43	100	0	0	Block Cracking, Joint Reflection Cracking, L&T Cracking, Weathering	27	6	22%
	6DEC	3	APC	6/12/2024	41	100	0	0	Block Cracking, Joint Reflection Cracking, L&T Cracking, Patching, Weathering	24	6	25%
	6DEC	4	PCC	6/12/2024	75	61	27	12	Corner Break, Corner Spalling, Durability Cracking, Faulting, LTD Cracking, Small Patch	28	7	25%
	6DEC	5	APC	6/12/2024	78	100	0	0	L&T Cracking, Weathering	72	7	10%
	A1DEC	1	APC	6/13/2024	31	100	0	0	Block Cracking, Joint Reflection Cracking, L&T Cracking, Weathering	3	3	100%
	A1DEC	2	APC	6/12/2024	34	97	0	3	Joint Reflection Cracking, L&T Cracking, Raveling, Swelling, Weathering	1	1	100%
	ADEC	1	PCC	6/13/2024	73	32	31	37	ASR, Corner Break, Corner Spalling, Joint Spalling, Joint Seal Damage, LTD Cracking, Shattered Slab, Shrinkage Cracking, Small Patch	9	5	56%
	ADEC	2	APC	6/13/2024	40	99	0	1	Joint Reflection Cracking, L&T Cracking, Raveling, Swelling, Weathering	7	4	57%
	ADEC	3	APC	6/13/2024	33	96	0	4	Joint Reflection Cracking, L&T Cracking, Patching, Raveling, Shoving, Swelling, Weathering	4	3	75%

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						Climate/ Durability ²	Load ³	Other				
Decatur Airport	ADEC	4	APC	6/13/2024	39	92	0	8	Joint Reflection Cracking, L&T Cracking, Patching, Raveling, Swelling, Weathering	15	5	33%
	FDEC	1	PCC	6/13/2024	73	86	0	14	ASR, Durability Cracking, Faulting, Joint Seal Damage	10	6	60%
	FDEC	2	APC	6/12/2024	75	100	0	0	Joint Reflection Cracking, L&T Cracking, Weathering	3	3	100%
	G1DEC	1	PCC	6/12/2024	96	100	0	0	Joint Seal Damage	4	3	75%
	G2DEC	1	PCC	6/12/2024	91	62	0	38	Faulting, Joint Seal Damage, Shrinkage Cracking, Small Patch	4	3	75%
	G3DEC	1	PCC	6/12/2024	80	86	0	14	Corner Spalling, Durability Cracking, Joint Seal Damage	1	1	100%
	GDEC	1	PCC	6/13/2024	83	33	0	67	ASR, Faulting, Joint Seal Damage, Scaling, Shrinkage Cracking, Small Patch	7	4	57%
	GDEC	2	PCC	6/13/2024	87	41	0	59	ASR, Joint Spalling, Joint Seal Damage, Scaling, Shrinkage Cracking, Small Patch	41	8	20%
	GDEC	3	APC	6/13/2024	78	100	0	0	L&T Cracking, Weathering	5	4	80%
	GDEC	4	APC	6/13/2024	77	100	0	0	L&T Cracking, Patching, Weathering	18	6	33%
	GDEC	5	PCC	6/13/2024	70	76	3	21	Corner Spalling, Durability Cracking, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking, Small Patch	14	6	43%
	RDEC	1	PCC	6/13/2024	87	93	0	7	Joint Seal Damage, Shrinkage Cracking, Small Patch	18	7	39%
	RDEC	2	PCC	6/13/2024	86	75	12	13	Corner Break, Corner Spalling, Faulting, Joint Seal Damage	22	7	32%
	RDEC	3	PCC	6/13/2024	77	35	19	46	ASR, Corner Break, Corner Spalling, Faulting, Joint Seal Damage, LTD Cracking, Shrinkage Cracking	30	8	27%
	RDEC	4	AAC	6/13/2024	52	100	0	0	Block Cracking, L&T Cracking, Raveling, Weathering	13	5	38%
	RDEC	5	PCC	6/13/2024	99	0	0	100	Joint Spalling, Shrinkage Cracking, Small Patch	12	6	50%
	RDEC	6	AAC	6/13/2024	44	75	25	0	Alligator Cracking, L&T Cracking, Patching, Weathering	8	4	50%
	RDEC	7	PCC	6/13/2024	74	98	0	2	Durability Cracking, Joint Seal Damage, Shrinkage Cracking	5	4	80%
	RDEC	8	AAC	6/13/2024	39	67	33	0	Alligator Cracking, L&T Cracking, Raveling, Weathering	3	3	100%
	RDEC	10	PCC	6/13/2024	85	76	0	24	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, Shrinkage Cracking	12	6	50%

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						Climate/ Durability ²	Load ³	Other				
Decatur Airport	RDEC	11	PCC	6/13/2024	72	31	36	33	ASR, Corner Spalling, Joint Seal Damage, LTD Cracking, Shrinkage Cracking, Small Patch	15	6	40%
	RDEC	5A	AAC	6/13/2024	54	100	0	0	L&T Cracking, Weathering	8	4	50%
	THDEC	1	PCC	6/13/2024	100	0	0	0	No Distress	6	4	67%
	THDEC	2	AAC	6/13/2024	39	72	28	0	Alligator Cracking, Block Cracking, L&T Cracking, Patching, Weathering	6	4	67%
	THDEC	4	PCC	6/13/2024	100	0	0	0	No Distress	8	5	63%
	THDEC	7	PCC	6/13/2024	100	0	0	0	No Distress	3	3	100%
	THDEC	8	AAC	6/13/2024	41	80	19	1	Alligator Cracking, Block Cracking, Depression, L&T Cracking, Raveling, Weathering	2	2	100%
	THDEC	9	AAC	6/13/2024	35	69	31	0	Alligator Cracking, Block Cracking, L&T Cracking, Weathering ⁶	15	5	33%
	THDEC	10	AAC	6/13/2024	37	52	48	0	Alligator Cracking, L&T Cracking, Raveling, Rutting, Weathering	13	5	38%
	THDEC	3-1	AAC	6/13/2024	36	66	34	0	Alligator Cracking, Block Cracking, L&T Cracking, Patching, Weathering	2	2	100%
	THDEC	3-2	AC	6/13/2024	11	56	44	0	Alligator Cracking, Block Cracking, Raveling, Weathering	2	2	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.