

IDOT Office of Intermodal Project Implementation – Aeronautics
Airport Pavement Management System
Waukegan National Airport, Waukegan
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				
Waukegan National Airport	14UGN	1	APC	6/5/2024	67	100	0	0	Joint Reflection Cracking, L&T Cracking, Raveling, Weathering	6	4	67%
	14UGN	2	APC	6/5/2024	67	100	0	0	Joint Reflection Cracking, L&T Cracking, Raveling, Weathering	18	5	28%
	14UGN	3	APC	6/5/2024	65	100	0	0	Joint Reflection Cracking, L&T Cracking, Raveling, Weathering	4	3	75%
	14UGN	6	APC	6/6/2024	60	100	0	0	Joint Reflection Cracking, L&T Cracking, Raveling, Weathering	2	2	100%
	14UGN	7	APC	6/6/2024	44	98	0	2	Joint Reflection Cracking, L&T Cracking, Raveling, Swelling, Weathering	6	4	67%
	14UGN	4A	APC	6/6/2024	65	100	0	0	Joint Reflection Cracking, L&T Cracking, Weathering	2	2	100%
	14UGN	4B	APC	6/5/2024	46	100	0	0	Joint Reflection Cracking, L&T Cracking, Raveling, Weathering	2	2	100%
	14UGN	5A	APC	6/6/2024	58	100	0	0	Joint Reflection Cracking, L&T Cracking, Raveling, Weathering	2	2	100%
	14UGN	5B	APC	6/5/2024	45	100	0	0	Joint Reflection Cracking, L&T Cracking, Raveling, Weathering	2	2	100%
	5UGN	1	APC	6/6/2024	82	100	0	0	L&T Cracking, Patching, Weathering	138	18	13%
	5UGN	2	APC	6/6/2024	76	100	0	0	L&T Cracking, Weathering	42	7	17%
	A2UGN	1	AAC	6/6/2024	48	100	0	0	Block Cracking, L&T Cracking, Raveling, Weathering	2	2	100%
	A3UGN	1	AAC	6/6/2024	51	100	0	0	Block Cracking, L&T Cracking, Raveling, Weathering	2	2	100%
	A4UGN	1	AAC	6/6/2024	48	100	0	0	L&T Cracking, Raveling, Weathering	1	1	100%
	A5UGN	1	AAC	6/6/2024	61	100	0	0	L&T Cracking, Raveling, Weathering	1	1	100%
	A6UGN	1	AAC	6/6/2024	64	100	0	0	L&T Cracking, Raveling, Weathering	1	1	100%
	A7UGN	1	PFC	6/6/2024	30	79	21	0	Alligator Cracking, Joint Reflection Cracking, L&T Cracking, Raveling	1	1	100%
	AUGN	1	AAC	6/6/2024	69	100	0	0	L&T Cracking, Weathering	1	1	100%
	AUGN	2	AAC	6/6/2024	47	69	31	0	Alligator Cracking, L&T Cracking, Raveling, Weathering	4	3	75%
	AUGN	3	AAC	6/6/2024	60	100	0	0	L&T Cracking, Raveling, Weathering	6	4	67%
	AUGN	4	AAC	6/6/2024	57	100	0	0	L&T Cracking, Raveling, Weathering	15	5	33%
	AUGN	5	AAC	6/6/2024	59	100	0	0	L&T Cracking, Raveling, Weathering	7	4	57%
	AUGN	6	AAC	6/6/2024	58	100	0	0	L&T Cracking, Raveling, Weathering	3	3	100%
	AUGN	7	PCC	6/6/2024	76	25	26	49	Corner Break, Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking, Shrinkage Cracking, Small Patch	14	5	36%

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						Climate/ Durability ²	Load ³	Other				
Waukegan National Airport	AUGN	8	PFC	6/6/2024	20	66	34	0	Alligator Cracking, Joint Reflection Cracking, L&T Cracking, Raveling	1	1	100%
	AUGN	9	AAC	6/6/2024	52	100	0	0	L&T Cracking, Raveling, Weathering	4	3	75%
	AUGN	10	AAC	6/6/2024	65	100	0	0	L&T Cracking, Raveling, Weathering	2	2	100%
	AUGN	11	PCC	6/6/2024	87	13	38	49	ASR, Corner Break, Corner Spalling, Joint Spalling, Joint Seal Damage, Shrinkage Cracking	5	4	80%
	B1UGN	1	AAC	6/6/2024	94	100	0	0	Weathering	1	1	100%
	B2UGN	1	AAC	6/5/2024	60	100	0	0	L&T Cracking, Raveling, Weathering	1	1	100%
	B2UGN	2	AAC	6/5/2024	65	100	0	0	L&T Cracking, Raveling, Weathering	1	1	100%
	B3UGN	1	AAC	6/5/2024	34	100	0	0	Block Cracking, L&T Cracking, Raveling, Weathering	1	1	100%
	B3UGN	2	APC	6/5/2024	61	96	0	4	L&T Cracking, Raveling, Swelling, Weathering	1	1	100%
	BUGN	1	AAC	6/5/2024	85	100	0	0	L&T Cracking, Weathering	3	3	100%
	BUGN	2	AAC	6/5/2024	84	100	0	0	L&T Cracking, Weathering	2	2	100%
	BUGN	3	AAC	6/6/2024	61	100	0	0	L&T Cracking, Raveling, Weathering	1	1	100%
	BUGN	4	AAC	6/6/2024	84	98	0	2	Depression, L&T Cracking, Weathering	3	3	100%
	BUGN	6	PCC	6/6/2024	97	78	0	22	Corner Spalling, Joint Seal Damage	5	4	80%
	BUGN	7	PCC	6/6/2024	42	18	7	75	ASR, Corner Spalling, Faulting, Joint Seal Damage, Large Patch, LTD Cracking, Shattered Slab, Small Patch	8	5	63%
	BUGN	8	AAC	6/6/2024	54	100	0	0	L&T Cracking, Raveling, Weathering	1	1	100%
	BUGN	9	AAC	6/5/2024	59	100	0	0	L&T Cracking, Raveling, Weathering	16	5	31%
	BUGN	10	AAC	6/5/2024	32	78	22	0	Alligator Cracking, Block Cracking, L&T Cracking, Raveling, Weathering	2	2	100%
	C2UGN	1	AAC	6/7/2024	44	100	0	0	L&T Cracking, Raveling, Weathering	1	1	100%
	CUGN	1	AAC	6/7/2024	84	100	0	0	L&T Cracking, Weathering	7	4	57%
	CUGN	2	AAC	6/7/2024	59	100	0	0	L&T Cracking, Weathering	5	4	80%
	CUGN	3	AAC	6/6/2024	50	100	0	0	L&T Cracking, Raveling, Weathering	1	1	100%
	CUGN	4	AC	6/7/2024	88	100	0	0	L&T Cracking, Weathering	4	3	75%
	CUGN	5	PCC	6/7/2024	30	11	0	89	ASR, Faulting, Joint Seal Damage, Popouts	4	3	75%
	CUGN	6	AAC	6/7/2024	55	90	10	0	Alligator Cracking, Depression, L&T Cracking, Weathering	5	4	80%
	CUGN	7	AAC	6/7/2024	37	100	0	0	Block Cracking, Raveling, Weathering	2	2	100%
	DUGN	1	AC	6/5/2024	39	70	30	0	Alligator Cracking, Block Cracking, L&T Cracking, Patching, Raveling, Rutting, Weathering	16	5	31%
	DUGN	2	AAC	6/5/2024	62	88	12	0	Alligator Cracking, L&T Cracking, Raveling, Weathering	2	2	100%

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						Climate/ Durability ²	Load ³	Other				
Waukegan National Airport	E3UGN	3	AAC	6/7/2024	9	73	27	0	Alligator Cracking, Block Cracking, Patching, Raveling	4	3	75%
	E3UGN	2A	AAC	6/7/2024	14	75	25	0	Alligator Cracking, Block Cracking, Patching, Raveling, Weathering	1	1	100%
	E3UGN	2B	AAC	6/7/2024	57	100	0	0	L&T Cracking, Patching, Raveling, Weathering	1	1	100%
	E4UGN	1	AC	6/7/2024	50	76	24	0	Alligator Cracking, L&T Cracking, Weathering	1	1	100%
	FUGN	1	AC	6/7/2024	28	56	44	0	Alligator Cracking, Depression, L&T Cracking, Raveling, Rutting, Weathering	8	4	50%
	M1UGN	1	PCC	6/7/2024	77	40	0	60	ASR, Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, Small Patch	5	4	80%
	M2UGN	1	PCC	6/6/2024	99	0	0	100	Joint Spalling	2	2	100%
	RUGN	1	PCC	6/7/2024	62	17	2	81	ASR, Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking, Small Patch	43	9	21%
	RUGN	2	PCC	6/7/2024	78	37	8	55	ASR, Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking, Small Patch	35	8	23%
	RUGN	3	PCC	6/7/2024	92	84	0	16	Corner Spalling, Joint Seal Damage	16	6	38%
	RUGN	4	PCC	6/7/2024	91	76	0	24	Corner Spalling, Joint Spalling, Joint Seal Damage	4	3	75%
	RUGN	5	PCC	6/7/2024	38	10	1	89	ASR, Corner Spalling, Joint Spalling, Joint Seal Damage, Large Patch, LTD Cracking, Popouts, Small Patch	15	6	40%
	RUGN	6	PCC	6/7/2024	60	20	27	53	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking	5	4	80%
	RUGN	10	PCC	9/5/2024	100	0	0	0	No Distress	20	7	35%
	RUGN	20	AC	6/7/2024	20	67	33	0	Alligator Cracking, Block Cracking, L&T Cracking, Raveling, Weathering	5	4	80%
	S1UGN	1	AAC	6/7/2024	60	100	0	0	L&T Cracking, Raveling, Weathering	1	1	100%
	S1UGN	2	AC	6/7/2024	57	85	15	0	Alligator Cracking, L&T Cracking, Raveling, Weathering	9	4	44%
	S1UGN	3	AAC	6/7/2024	15	47	44	9	Alligator Cracking, Block Cracking, Raveling, Shoving, Weathering	2	2	100%
	S2UGN	1	AAC	6/7/2024	70	100	0	0	L&T Cracking, Raveling, Weathering	1	1	100%
	S3UGN	1	PCC	6/7/2024	53	18	36	46	ASR, Corner Spalling, Faulting, Joint Seal Damage, LTD Cracking	2	2	100%
	TH5UGN	1	AC	6/7/2024	18	63	37	0	Alligator Cracking, Block Cracking, Raveling, Weathering	2	2	100%
	TH5UGN	2	AC	9/4/2024	100	0	0	0	No Distress	4	3	75%
	THUGN	1	AC	6/7/2024	95	100	0	0	L&T Cracking	6	4	67%
	THUGN	2	AC	6/7/2024	99	100	0	0	L&T Cracking	2	2	100%

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						Climate/ Durability ²	Load ³	Other				
Waukegan National Airport	THUGN	6	AAC	6/7/2024	12	52	47	1	Alligator Cracking, Block Cracking, Patching, Raveling, Rutting, Swelling, Weathering	3	3	100%
	THUGN	7	AAC	6/7/2024	16	49	44	7	Alligator Cracking, Block Cracking, Depression, L&T Cracking, Patching, Raveling, Rutting, Swelling, Weathering	3	3	100%
	THUGN	16	AC	6/7/2024	39	81	19	0	Alligator Cracking, Block Cracking, L&T Cracking, Raveling, Weathering	2	2	100%
	THUGN	17	AC	6/7/2024	43	75	25	0	Alligator Cracking, L&T Cracking, Raveling, Weathering	2	2	100%
	THUGN	18	AAC	6/7/2024	9	30	70	0	Alligator Cracking, L&T Cracking, Raveling, Weathering	1	1	100%
	THUGN	3A	AAC	6/7/2024	23	64	36	0	Alligator Cracking, L&T Cracking, Raveling, Weathering	3	3	100%
	THUGN	3B	AAC	6/7/2024	9	48	52	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.