

IDOT Office of Intermodal Project Implementation – Aeronautics
Airport Pavement Management System
Chicago Executive Airport, Wheeling/Prospect Heights
2023 PCI Summary Information

Airport Name	Branch ID	Section ID	Surface Type ¹	Inspection Date	2023 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				
Chicago Executive Airport	12PWK	1	AAC	07-28-2023	90	100	0	0	L&T Cracking, Weathering	16	5	31%
	12PWK	2	AAC	07-28-2023	86	100	0	0	L&T Cracking, Weathering	26	6	23%
	12PWK	3	PCC	07-28-2023	96	49	0	51	Corner Spalling, Joint Spalling, Joint Seal Damage	5	4	80%
	12PWK	4	AAC	07-25-2023	74	80	20	0	Alligator Cracking, L&T Cracking, Raveling, Weathering	3	3	100%
	16PWK	1	AAC	07-29-2023	77	100	0	0	L&T Cracking, Raveling, Weathering	15	5	33%
	16PWK	2	AAC	07-29-2023	77	100	0	0	L&T Cracking, Raveling, Weathering	12	5	42%
	16PWK	3	AAC	07-29-2023	76	100	0	0	L&T Cracking, Patching, Raveling, Weathering	57	7	12%
	16PWK	4	AAC	07-29-2023	78	100	0	0	L&T Cracking, Patching, Raveling, Weathering	39	7	18%
	16PWK	5	AAC	07-29-2023	79	100	0	0	L&T Cracking, Weathering	21	6	29%
	16PWK	7	AC	07-29-2023	75	100	0	0	L&T Cracking, Raveling, Weathering	9	4	44%
	6PWK	1	AAC	07-28-2023	49	100	0	0	L&T Cracking, Raveling, Weathering	2	2	100%
	6PWK	2	AAC	07-28-2023	35	86	14	0	Alligator Cracking, Block Cracking, L&T Cracking, Raveling, Weathering	10	5	50%
	6PWK	4	AAC	07-27-2023	47	80	20	0	Alligator Cracking, L&T Cracking, Raveling, Weathering	16	5	31%
	6PWK	5	AAC	07-28-2023	80	69	31	0	Alligator Cracking, L&T Cracking, Weathering	3	3	100%
	APWK	1	AAC	07-28-2023	38	81	19	0	Alligator Cracking, L&T Cracking, Raveling, Weathering	2	2	100%
	APWK	2	AAC	07-28-2023	57	39	61	0	Alligator Cracking, L&T Cracking, Rutting, Weathering	3	3	100%
	B2PWK	1	AAC	07-27-2023	74	100	0	0	L&T Cracking, Weathering	3	3	100%
	B2PWK	2	AAC	07-27-2023	77	70	30	0	Alligator Cracking, L&T Cracking, Weathering	3	3	100%
	BPWK	1	AAC	07-27-2023	62	100	0	0	L&T Cracking, Raveling, Weathering	4	3	75%
	BPWK	2	AAC	07-27-2023	38	51	49	0	Alligator Cracking, L&T Cracking, Raveling, Weathering	1	1	100%
	BPWK	3	AAC	07-27-2023	23	49	51	0	Alligator Cracking, L&T Cracking, Weathering	1	1	100%
	BPWK	4	AAC	07-27-2023	72	100	0	0	L&T Cracking, Raveling, Weathering	1	1	100%
	CPWK	1	PCC	07-27-2023	94	62	0	38	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage	19	7	37%
	CPWK	2	AC	07-27-2023	18	63	37	0	Alligator Cracking, Block Cracking, Patching, Raveling, Weathering	1	1	100%
	CPWK	3	AC	07-27-2023	15	51	35	14	Alligator Cracking, Block Cracking, Depression, Raveling, Weathering	1	1	100%
	D2PWK	1	AAC	07-28-2023	31	72	28	0	Alligator Cracking, Block Cracking, L&T Cracking, Raveling, Weathering	2	2	100%
	D2PWK	1A	AAC	07-28-2023	31	74	26	0	Alligator Cracking, L&T Cracking, Patching, Raveling, Weathering	2	2	100%

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Chicago Executive Airport	DPWK	1	AAC	07-29-2023	35	74	26	0	Alligator Cracking, L&T Cracking, Raveling, Weathering	5	4	80%
	DPWK	2	AAC	07-29-2023	55	88	12	0	Alligator Cracking, L&T Cracking, Raveling, Weathering	6	4	67%
	DPWK	4	AC	07-28-2023	50	100	0	0	Block Cracking, L&T Cracking, Raveling, Weathering	4	3	75%
	DPWK	7	AC	07-29-2023	65	100	0	0	L&T Cracking, Raveling, Weathering	1	1	100%
	DPWK	8	AAC	07-28-2023	80	100	0	0	L&T Cracking, Weathering	2	2	100%
	EPWK	1	AAC	07-27-2023	66	100	0	0	L&T Cracking, Raveling, Weathering	1	1	100%
	EPWK	2	AAC	07-28-2023	74	100	0	0	L&T Cracking, Weathering	6	4	67%
	EPWK	3	AAC	07-28-2023	71	75	25	0	L&T Cracking, Rutting, Weathering	2	2	100%
	EPWK	4	PCC	07-27-2023	93	75	0	25	Corner Spalling, Joint Spalling, Joint Seal Damage	2	2	100%
	EPWK	5	PCC	07-28-2023	95	74	7	19	Corner Break, Faulting, Joint Seal Damage	19	8	42%
	FPWK	2	AAC	07-27-2023	19	67	33	0	Alligator Cracking, Block Cracking, L&T Cracking, Patching, Raveling, Weathering	6	4	67%
	K1PWK	1	PCC	07-27-2023	86	43	0	57	Corner Spalling, Faulting, Joint Seal Damage, Pumping	12	6	50%
	K1PWK	2	AAC	07-28-2023	90	100	0	0	L&T Cracking, Weathering	1	1	100%
	K2PWK	1	AAC	07-28-2023	86	100	0	0	L&T Cracking, Weathering	2	2	100%
	K3PWK	1	PCC	07-27-2023	85	36	0	64	Corner Spalling, Faulting, Joint Seal Damage	7	4	57%
	K3PWK	2	AAC	07-27-2023	47	41	45	14	Alligator Cracking, Depression, L&T Cracking, Raveling, Weathering ⁶	2	2	100%
	K3PWK	3	AAC	07-28-2023	82	100	0	0	L&T Cracking, Weathering	1	1	100%
	K4PWK	1	PCC	07-27-2023	98	100	0	0	Joint Seal Damage	3	3	100%
	K5PWK	1	AAC	07-28-2023	79	100	0	0	L&T Cracking, Weathering	1	1	100%
	KPWK	1	PCC	07-27-2023	92	77	0	23	Corner Spalling, Joint Spalling, Joint Seal Damage, Scaling	56	8	14%
	KPWK	2	PCC	07-28-2023	95	41	0	59	Faulting, Joint Spalling, Joint Seal Damage	6	4	67%
	L1PWK	1	PCC	07-28-2023	98	100	0	0	Joint Seal Damage	2	2	100%
	L1PWK	2	AC	07-28-2023	79	100	0	0	L&T Cracking, Weathering	2	2	100%
	L2PWK	1	PCC	07-28-2023	83	70	0	30	Corner Spalling, Joint Spalling, Joint Seal Damage	4	3	75%
	L2PWK	2	AAC	07-28-2023	88	100	0	0	L&T Cracking, Weathering	1	1	100%
	L3PWK	1	PCC	07-28-2023	96	49	0	51	Corner Spalling, Joint Seal Damage, Small Patch	2	2	100%
	L3PWK	2	AAC	07-28-2023	79	100	0	0	L&T Cracking, Weathering	1	1	100%
	L3PWK	3	PCC	07-28-2023	91	20	0	80	ASR, Faulting, Joint Seal Damage	3	3	100%

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Chicago Executive Airport	LPWK	1	PCC	07-28-2023	97	35	59	6	Corner Break, Joint Spalling, Joint Seal Damage, LTD Cracking	10	6	60%
	LPWK	2	PCC	07-28-2023	93	29	0	71	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage	10	5	50%
	LPWK	3	PCC	07-28-2023	89	50	18	32	Corner Break, Corner Spalling, Joint Spalling, Joint Seal Damage, Large Patch, LTD Cracking, Shrinkage Cracking, Small Patch	21	7	33%
	LPWK	4	AAC	07-28-2023	80	100	0	0	L&T Cracking, Weathering	1	1	100%
	LPWK	5	PCC	07-28-2023	55	12	0	88	ASR, Corner Spalling, Joint Seal Damage, Small Patch	4	3	75%
	LPWK	6	PCC	07-28-2023	94	31	0	69	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage	9	5	56%
	LPWK	7	PCC	07-28-2023	95	38	0	62	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage	12	6	50%
	LPWK	8	AAC	07-28-2023	84	100	0	0	L&T Cracking, Weathering	1	1	100%
	LPWK	9	AAC	07-28-2023	84	100	0	0	L&T Cracking, Weathering	1	1	100%
	LPWK	10	AC	07-28-2023	52	100	0	0	L&T Cracking, Raveling, Weathering	1	1	100%
	PPWK	1	AC	07-27-2023	29	53	47	0	Alligator Cracking, L&T Cracking, Patching, Raveling, Weathering	3	3	100%
	PPWK	2	AC	07-27-2023	68	100	0	0	L&T Cracking, Patching, Raveling, Weathering	2	2	100%
	RPWK	10	AC	07-27-2023	33	78	22	0	Alligator Cracking, Block Cracking, L&T Cracking, Patching, Weathering	36	7	19%
	RPWK	11	PCC	07-27-2023	91	76	4	20	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking, Shrinkage Cracking, Small Patch	16	6	38%
	RPWK	27	PCC	07-27-2023	96	100	0	0	Joint Seal Damage	14	6	43%
	RPWK	28	PCC	07-27-2023	100	0	0	100	Joint Spalling	6	4	67%
	RPWK	70	PCC	07-28-2023	98	81	0	19	Joint Seal Damage, Small Patch	10	5	50%
	RPWK	73	AAC	07-28-2023	67	100	0	0	L&T Cracking, Raveling, Weathering	4	3	75%
	THPWK	6	AC	07-29-2023	36	70	30	0	Alligator Cracking, L&T Cracking, Patching, Raveling, Weathering	6	4	67%
	THPWK	10	AC	07-27-2023	32	67	33	0	Alligator Cracking, L&T Cracking, Patching, Raveling, Weathering	2	2	100%
	THPWK	10-1	AC	07-27-2023	38	70	30	0	Alligator Cracking, Depression, L&T Cracking, Patching, Raveling, Weathering	4	3	75%
	THPWK	10-2	AC	07-27-2023	45	79	21	0	Alligator Cracking, L&T Cracking, Patching, Raveling, Weathering	3	3	100%
	THPWK	10-3	AC	07-27-2023	44	71	29	0	Alligator Cracking, L&T Cracking, Patching, Raveling, Weathering	2	2	100%

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Chicago Executive Airport	THPWK	10-4	AC	07-27-2023	51	73	27	0	Alligator Cracking, L&T Cracking, Patching, Raveling, Weathering	19	5	26%
	TPWK	1	AC	07-29-2023	32	68	32	0	Alligator Cracking, L&T Cracking, Patching, Raveling, Weathering	9	4	44%
	YPWK	1	AAC	07-28-2023	60	100	0	0	L&T Cracking, Patching, Raveling	1	1	100%
	YPWK	2	AAC	07-29-2023	60	100	0	0	L&T Cracking, Patching, Weathering	2	2	100%
	YPWK	3	PCC	07-28-2023	98	100	0	0	Joint Seal Damage	2	2	100%
	ZPWK	1	AAC	07-29-2023	24	73	27	0	Alligator Cracking, L&T Cracking, Patching, Raveling, 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.