

IDOT Office of Intermodal Project Implementation – Aeronautics
Airport Pavement Management System
 DuPage Airport, West Chicago
 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				
DuPage Airport	10DPA	1	APC	07-31-2023	69	74	26	0	Alligator Cracking, L&T Cracking, Weathering	48	7	15%
	10DPA	2	AAC	07-31-2023	76	100	0	0	L&T Cracking, Raveling, Weathering	10	5	50%
	15DPA	1	AAC	08-01-2023	47	100	0	0	L&T Cracking, Raveling, Weathering ⁶	14	5	36%
	15DPA	2	APC	08-01-2023	43	100	0	0	L&T Cracking, Raveling, Weathering	34	7	21%
	15DPA	3	AAC	08-01-2023	53	100	0	0	L&T Cracking, Patching, Raveling, Weathering	12	5	42%
	15DPA	4	APC	08-01-2023	50	92	8	0	Alligator Cracking, L&T Cracking, Raveling, Weathering	4	3	75%
	2LDPA	1	PCC	08-02-2023	94	27	15	58	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking, Scaling, Shrinkage Cracking, Small Patch	136	15	11%
	2LDPA	2	PCC	08-02-2023	92	21	0	79	Corner Spalling, Faulting, Joint Seal Damage, Large Patch, Small Patch	40	8	20%
	2LDPA	3	PCC	08-02-2023	95	37	0	63	Corner Spalling, Joint Seal Damage, Shrinkage Cracking, Small Patch	22	7	32%
	2LDPA	4	PCC	08-02-2023	100	0	0	0	No distress	100	10	10%
	2RDPA	1	PCC	07-31-2023	90	46	17	37	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking, Small Patch	88	10	11%
	2RDPA	2	PCC	07-31-2023	96	48	0	52	Corner Spalling, Joint Seal Damage, Scaling, Shrinkage Cracking, Small Patch	48	8	17%
	2RDPA	3	PCC	07-31-2023	96	46	0	54	Corner Spalling, Joint Spalling, Joint Seal Damage, Shrinkage Cracking, Small Patch	42	8	19%
	ADPA	1	APC	08-01-2023	51	99	0	1	L&T Cracking, Raveling, Swelling, Weathering	6	4	67%
	ADPA	2	APC	08-01-2023	48	100	0	0	L&T Cracking, Raveling, Weathering	3	3	100%
	ADPA	3	APC	08-01-2023	41	84	0	16	L&T Cracking, Raveling, Shoving, Swelling, Weathering	4	3	75%
	ADPA	4	APC	08-01-2023	42	89	0	11	L&T Cracking, Raveling, Swelling, Weathering	5	4	80%
	B1DPA	1	AC	08-01-2023	25	80	20	0	Alligator Cracking, Block Cracking, L&T Cracking, Raveling, Weathering	1	1	100%
	B1DPA	2	AAC	08-01-2023	62	100	0	0	L&T Cracking, Weathering	1	1	100%
	B1DPA	3	AC	08-01-2023	44	100	0	0	Block Cracking, L&T Cracking, Raveling, Weathering	2	2	100%
	BDPA	1	AAC	08-01-2023	45	100	0	0	L&T Cracking, Raveling, Weathering	1	1	100%
	BDPA	2	AAC	08-01-2023	32	100	0	0	Block Cracking, Raveling, Weathering	1	1	100%
	BDPA	3	AAC	08-01-2023	32	80	20	0	Alligator Cracking, Block Cracking, L&T Cracking, Raveling, Weathering	8	4	50%
	BDPA	4	AAC	08-01-2023	27	72	28	0	Alligator Cracking, Block Cracking, Depression, L&T Cracking, Raveling, Rutting, Weathering	2	2	100%
	BDPA	5	AAC	08-01-2023	40	87	13	0	Alligator Cracking, Block Cracking, L&T Cracking, Patching, Raveling, Weathering	9	4	44%

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DuPage Airport	BDPA	6	APC	08-01-2023	36	100	0	0	Block Cracking, Patching, Raveling, Weathering	6	4	67%
	BDPA	6A	APC	08-01-2023	46	100	0	0	Block Cracking, L&T Cracking, Raveling, Weathering	5	4	80%
	C2DPA	1	PCC	07-31-2023	82	65	10	25	Corner Spalling, Joint Spalling, Joint Seal Damage, LTD Cracking	4	3	75%
	C2DPA	2	AC	07-31-2023	20	57	43	0	Alligator Cracking, Block Cracking, L&T Cracking, Patching, Weathering	4	3	75%
	CDPA	1	PCC	08-01-2023	93	18	48	34	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking, Small Patch	73	9	12%
	CDPA	2	PCC	08-01-2023	95	40	0	60	Corner Spalling, Joint Spalling, Joint Seal Damage, Small Patch	12	6	50%
	CDPA	3	AAC	08-02-2023	56	83	17	0	Alligator Cracking, L&T Cracking, Weathering	3	3	100%
	CDPA	4	AC	08-01-2023	39	66	32	2	Alligator Cracking, Depression, L&T Cracking, Raveling, Weathering	4	3	75%
	CDPA	5	APC	08-01-2023	44	99	0	1	L&T Cracking, Raveling, Swelling, Weathering	4	3	75%
	CDPA	6	APC	08-01-2023	46	99	0	1	Block Cracking, L&T Cracking, Raveling, Swelling, Weathering	12	5	42%
	CDPA	7	APC	08-01-2023	52	100	0	0	Joint Reflection Cracking, L&T Cracking, Weathering	2	2	100%
	CDPA	8	PCC	08-01-2023	97	65	0	35	Corner Spalling, Joint Seal Damage	2	2	100%
	E1DPA	1	APC	08-02-2023	65	100	0	0	L&T Cracking, Weathering	1	1	100%
	E1DPA	1A	APC	08-02-2023	60	100	0	0	L&T Cracking, Weathering	2	2	100%
	E2DPA	1	AAC	08-02-2023	50	100	0	0	L&T Cracking, Weathering	3	3	100%
	E2DPA	2	AAC	08-01-2023	81	100	0	0	L&T Cracking, Raveling, Weathering	1	1	100%
	EDPA	1	PCC	08-02-2023	91	84	11	5	Corner Spalling, Joint Spalling, Joint Seal Damage, LTD Cracking	40	9	23%
	EDPA	2	PCC	08-02-2023	96	38	0	62	Corner Spalling, Faulting, Joint Seal Damage, Small Patch	19	7	37%
	EDPA	3	APC	08-01-2023	44	100	0	0	Block Cracking, L&T Cracking, Raveling, Weathering	2	2	100%
	EDPA	3A	APC	08-01-2023	29	100	0	0	Block Cracking, L&T Cracking, Raveling, Weathering	2	2	100%
	F1DPA	1	PCC	08-02-2023	92	93	0	7	Corner Spalling, Joint Seal Damage	6	4	67%
	G1DPA	2	PCC	07-31-2023	52	4	56	40	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, Large Patch, LTD Cracking, Small Patch	1	1	100%
	GDPA	1	PCC	08-02-2023	89	59	7	34	Corner Break, Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage	45	8	18%

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DuPage Airport	GDPA	2	PCC	08-01-2023	95	37	31	32	Corner Spalling, Joint Spalling, Joint Seal Damage, LTD Cracking	6	4	67%
	GDPA	3	PCC	07-31-2023	90	58	23	19	Corner Spalling, Joint Spalling, Joint Seal Damage, LTD Cracking	17	7	41%
	GDPA	4	PCC	07-31-2023	100	0	0	0	No distress	2	2	100%
	GDPA	5	PCC	07-31-2023	98	100	0	0	Joint Seal Damage	2	2	100%
	HDPDA	1	AAC	07-31-2023	70	100	0	0	L&T Cracking, Weathering	1	1	100%
	HDPDA	2	AAC	07-31-2023	38	50	50	0	Alligator Cracking, L&T Cracking, Weathering	2	2	100%
	L5DPA	1	PCC	07-31-2023	82	53	16	31	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking, Shrinkage Cracking, Small Patch	10	5	50%
	R5DPA	1	PCC	08-01-2023	93	97	0	3	Joint Seal Damage, Small Patch	9	5	56%
	RDPA	5	PCC	08-01-2023	91	75	0	25	Joint Seal Damage, Small Patch	4	3	75%
	RDPA	10	AAC	08-02-2023	36	84	16	0	Alligator Cracking, Block Cracking, Depression, L&T Cracking, Raveling, Weathering	86	9	10%
	RDPA	20	PCC	08-02-2023	82	9	35	56	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking, Shrinkage Cracking, Small Patch	40	8	20%
	RDPA	31	PCC	08-01-2023	85	30	15	55	ASR, Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, Large Patch, LTD Cracking, Small Patch	41	8	20%
	RDPA	41	PCC	07-31-2023	81	9	0	91	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, Large Patch, Shrinkage Cracking, Small Patch	17	7	41%
	RDPA	42	PCC	07-31-2023	85	9	18	73	ASR, Corner Break, Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, Large Patch, LTD Cracking, Scaling, Shrinkage Cracking, Small Patch	18	7	39%
	RDPA	43	PCC	07-31-2023	81	8	4	88	ASR, Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, Large Patch, LTD Cracking, Small Patch	24	7	29%
	RDPA	44	PCC	07-31-2023	90	18	7	75	Corner Break, Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage	38	8	21%
	RDPA	45	PCC	07-31-2023	94	26	14	60	Corner Spalling, Joint Spalling, Joint Seal Damage, LTD Cracking, Small Patch	42	8	19%
	RDPA	47	PCC	07-31-2023	97	70	0	30	Joint Spalling, Joint Seal Damage, Shrinkage Cracking, Small Patch	11	6	55%
	RDPA	50	AC	07-31-2023	28	58	42	0	Alligator Cracking, Block Cracking, L&T Cracking, Rutting, Weathering	20	5	25%
	RDPA	60	PCC	08-01-2023	97	70	0	30	Corner Spalling, Joint Seal Damage	52	8	15%

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DuPage Airport	RDPA	40-INNER	PCC	07-31-2023	84	36	0	64	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage	42	8	19%
	RDPA	40-MIDDLE	PCC	07-31-2023	88	43	0	57	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, Large Patch, Small Patch	88	9	10%
	RDPA	40-OUTER	PCC	07-31-2023	91	60	12	28	Corner Break, Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking, Small Patch	145	15	10%
	TDPA	1	PCC	08-01-2023	83	38	39	23	Corner Break, Corner Spalling, Joint Spalling, Joint Seal Damage, LTD Cracking	4	3	75%
	TDPA	2	PCC	08-01-2023	85	43	0	57	Corner Spalling, Joint Spalling, Joint Seal Damage	5	4	80%
	TDPA	3	PCC	08-01-2023	67	17	70	13	Corner Break, Corner Spalling, Joint Spalling, Joint Seal Damage, LTD Cracking, Small Patch	7	4	57%
	TDPA	4	PCC	07-31-2023	72	32	50	18	Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking, Small Patch	4	3	75%
	TH30DPA	1	AAC	08-01-2023	92	100	0	0	L&T Cracking, Weathering	7	4	57%
	TH30DPA	2	AC	08-01-2023	52	76	13	11	Alligator Cracking, Depression, L&T Cracking, Raveling, Weathering ⁶	8	4	50%
	TH30DPA	3	AAC	08-01-2023	86	100	0	0	L&T Cracking, Patching, Weathering	2	2	100%
	TH31DPA	1	AAC	08-01-2023	88	100	0	0	L&T Cracking, Weathering	2	2	100%
	TH31DPA	2	PCC	08-01-2023	94	30	0	70	Corner Spalling, Joint Spalling, Joint Seal Damage	4	3	75%
	TH31DPA	3	PCC	08-01-2023	60	21	30	49	ASR, Corner Break, Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking, Small Patch	4	3	75%
	TH31DPA	5	AAC	08-01-2023	89	100	0	0	Weathering	1	1	100%
	TH31DPA	2A	PCC	08-01-2023	97	60	0	40	Joint Seal Damage, Large Patch	2	2	100%
	TH31DPA	3A	PCC	08-01-2023	82	34	66	0	Joint Seal Damage, LTD Cracking	3	3	100%
	TH32DPA	1	AC	08-01-2023	54	97	0	3	L&T Cracking, Oil Spillage, Patching, Raveling, Weathering	3	3	100%
	TH32DPA	2	AC	08-01-2023	47	88	10	2	Alligator Cracking, Depression, L&T Cracking, Raveling, Weathering	1	1	100%
	TH32DPA	3	AAC	08-01-2023	89	100	0	0	L&T Cracking, Weathering	3	3	100%
	THDPA	10	AAC	08-02-2023	34	51	49	0	Alligator Cracking, L&T Cracking, Raveling, Weathering	17	5	29%
	THDPA	20	AAC	08-02-2023	69	100	0	0	L&T Cracking, Raveling, Weathering	7	4	57%
	THDPA	31	AAC	08-01-2023	37	85	15	0	Alligator Cracking, Block Cracking, L&T Cracking, Raveling, Weathering	5	4	80%
	THDPA	32	AAC	08-01-2023	90	100	0	0	L&T Cracking, Weathering	7	4	57%

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DuPage Airport	W1DPA	1	PCC	08-01-2023	80	24	69	7	Corner Spalling, Joint Spalling, Joint Seal Damage, LTD Cracking, Shattered Slab	4	4	100%
	W2DPA	1	PCC	08-01-2023	92	90	0	10	Corner Spalling, Joint Seal Damage	3	3	100%
	W3DPA	1	PCC	08-01-2023	79	23	41	36	Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking	3	3	100%
	WDPA	1	PCC	08-01-2023	88	67	9	24	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking, Shrinkage Cracking, Small Patch	94	10	11%
	WDPA	2	PCC	08-01-2023	88	54	0	46	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, Shrinkage Cracking	8	5	63%
	WDPA	3	PCC	08-02-2023	86	41	18	41	Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking, Shrinkage Cracking	6	4	67%
	YDPA	1	PCC	08-01-2023	83	36	48	16	Corner Spalling, Faulting, Joint Seal Damage, LTD Cracking	3	3	100%
	YDPA	2	PCC	08-01-2023	87	45	28	27	Corner Break, Corner Spalling, Joint Spalling, Joint Seal Damage, LTD Cracking, Small Patch	7	5	71%
	YDPA	3	PCC	07-31-2023	82	55	15	30	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking, Small Patch	4	3	75%
	YDPA	4	PCC	08-01-2023	81	45	39	16	Corner Break, Corner Spalling, Joint Spalling, Joint Seal Damage, Large Patch, LTD Cracking, Small Patch	15	7	47%
	ZDPA	1	PCC	08-01-2023	77	7	64	29	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking	6	5	83%
	ZDPA	2	PCC	07-31-2023	91	81	0	19	Joint Spalling, Joint Seal Damage	4	3	75%

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.