

IDOT Office of Intermodal Project Implementation – Aeronautics
Airport Pavement Management System
Aurora Municipal Airport, Aurora
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				
Aurora Municipal Airport	15ARR	1	PCC	6/11/2024	83	28	10	62	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking, Popouts, Small Patch	30	9	30%
	15ARR	2	PCC	6/11/2024	90	41	16	43	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, Large Patch, LTD Cracking, Popouts	110	14	13%
	18ARR	1	AAC	6/10/2024	16	76	20	4	Alligator Cracking, Block Cracking, Depression, Patching, Raveling, Rutting	26	6	23%
	18ARR	2	AC	6/10/2024	20	100	0	0	L&T Cracking, Raveling	2	2	100%
	18ARR	3	AC	6/10/2024	23	100	0	0	L&T Cracking, Raveling	2	2	100%
	18ARR	4	AC	6/10/2024	39	90	0	10	Depression, L&T Cracking, Raveling, Weathering	2	2	100%
	18ARR	5	AC	6/10/2024	52	85	0	15	Depression, L&T Cracking, Raveling, Weathering	1	1	100%
	18ARR	6	AAC	6/10/2024	14	71	29	0	Alligator Cracking, Block Cracking, Patching, Raveling, Rutting	2	2	100%
	18ARR	7	AAC	6/10/2024	96	100	0	0	L&T Cracking, Weathering	2	2	100%
	9ARR	1	PCC	6/10/2024	93	100	0	0	Joint Seal Damage	48	8	17%
	9ARR	2	PCC	6/11/2024	77	39	13	48	Corner Spalling, Faulting, Joint Seal Damage, LTD Cracking, Shrinkage Cracking	16	6	38%
	9ARR	3	PCC	6/10/2024	87	50	0	50	Corner Spalling, Joint Spalling, Joint Seal Damage, Popouts	30	8	27%
	9ARR	4	PCC	6/10/2024	92	83	0	17	Corner Spalling, Joint Seal Damage	76	9	12%
	A1ARR	1	PCC	6/10/2024	84	37	0	63	ASR, Faulting, Joint Seal Damage	4	3	75%
	A2ARR	1	PCC	6/10/2024	86	76	0	24	Faulting, Joint Spalling, Joint Seal Damage	4	3	75%
	A3ARR	1	PCC	6/10/2024	86	72	0	28	Faulting, Joint Seal Damage	2	2	100%
	A3ARR	2	PCC	6/10/2024	77	39	0	61	Faulting, Joint Seal Damage	2	2	100%
	A5ARR	1	PCC	6/10/2024	91	81	0	19	Corner Spalling, Joint Spalling, Joint Seal Damage	5	4	80%
	AARR	1	PCC	6/10/2024	90	57	0	43	Faulting, Joint Spalling, Joint Seal Damage, Shrinkage Cracking	14	6	43%
	AARR	2	PCC	6/10/2024	89	74	0	26	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, Small Patch	16	7	44%
	AARR	3	PCC	6/10/2024	90	61	0	39	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, Shrinkage Cracking, Small Patch	13	6	46%
	AARR	4	PCC	6/10/2024	85	66	17	17	Corner Spalling, Faulting, Joint Seal Damage, LTD Cracking, Shrinkage Cracking, Small Patch	20	8	40%
	AARR	5	PCC	6/10/2024	85	71	0	29	Faulting, Joint Spalling, Joint Seal Damage, Large Patch	14	6	43%

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Aurora Municipal Airport	AARR	6	PCC	6/10/2024	81	62	27	11	Corner Spalling, Faulting, Joint Seal Damage, LTD Cracking, Shattered Slab	5	4	80%
	AARR	1-1	PCC	6/10/2024	93	100	0	0	Joint Seal Damage	2	2	100%
	AARR	1-2	AC	6/10/2024	33	100	0	0	L&T Cracking, Raveling	1	1	100%
	B1ARR	1	PCC	6/11/2024	60	12	24	64	ASR, Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking	3	3	100%
	B2ARR	1	PCC	6/11/2024	85	42	0	58	Faulting, Joint Spalling, Joint Seal Damage	5	4	80%
	B4ARR	1	PCC	6/11/2024	72	17	0	83	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage	4	3	75%
	BARR	1	PCC	6/11/2024	88	43	20	37	Corner Spalling, Faulting, Joint Seal Damage, LTD Cracking, Shattered Slab	52	9	17%
	BARR	2	PCC	6/10/2024	93	100	0	0	Joint Seal Damage	2	2	100%
	BARR	3	PCC	6/10/2024	93	100	0	0	Joint Seal Damage	2	2	100%
	C2ARR	1	AAC	6/10/2024	6	62	32	6	Alligator Cracking, Block Cracking, Depression, L&T Cracking, Raveling, Rutting	1	1	100%
	C3ARR	1	AAC	6/10/2024	9	71	29	0	Alligator Cracking, Block Cracking, Patching, Raveling	1	1	100%
	C5ARR	1	AAC	6/10/2024	19	89	11	0	Alligator Cracking, Block Cracking, L&T Cracking, Patching, Raveling	1	1	100%
	CARR	1	AAC	6/10/2024	15	70	30	0	Alligator Cracking, Block Cracking, L&T Cracking, Patching, Raveling, Rutting	15	5	33%
	CARR	2	AAC	6/10/2024	33	100	0	0	L&T Cracking, Raveling	1	1	100%
	CARR	3	AAC	6/10/2024	15	74	18	8	Alligator Cracking, Depression, L&T Cracking, Raveling ⁶	1	1	100%
	CARR	4	AC	6/10/2024	54	100	0	0	L&T Cracking, Raveling, Weathering	1	1	100%
	CARR	5	AC	6/10/2024	50	89	11	0	Alligator Cracking, L&T Cracking, Raveling, Weathering	1	1	100%
	CARR	6	AAC	6/10/2024	15	69	30	1	Alligator Cracking, Block Cracking, Depression, Patching, Raveling, Weathering	1	1	100%
	CARR	7	AAC	6/10/2024	100	0	0	0	No Distress	1	1	100%
	MARR	1	PCC	6/10/2024	88	58	29	13	Corner Break, Corner Spalling, Joint Seal Damage, LTD Cracking	7	4	57%
	PARR	1	PCC	6/10/2024	87	47	40	13	Corner Spalling, Joint Spalling, Joint Seal Damage, LTD Cracking	10	5	50%
	PARR	2	AAC	6/10/2024	100	0	0	0	No Distress	2	2	100%
	PARR	3	AAC	6/10/2024	100	0	0	0	No Distress	1	1	100%
	PARR	4	AC	6/10/2024	100	0	0	0	No Distress	2	2	100%
	RARR	1	PCC	6/9/2024	87	70	6	24	Corner Spalling, Faulting, Joint Seal Damage, Large Patch, LTD Cracking, Small Patch	96	10	10%

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Aurora Municipal Airport	RARR	2	PCC	6/10/2024	75	36	0	64	Corner Spalling, Faulting, Joint Seal Damage, Small Patch	14	6	43%
	RARR	3	PCC	6/9/2024	75	32	42	26	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking, Shattered Slab, Small Patch	36	8	22%
	RARR	4	PCC	6/10/2024	78	43	0	57	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, Small Patch	18	7	39%
	RARR	5	PCC	6/9/2024	79	48	9	43	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, Large Patch, LTD Cracking, Small Patch	35	8	23%
	RARR	6	PCC	6/9/2024	88	75	0	25	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, Large Patch, Small Patch	25	7	28%
	RARR	7	PCC	6/9/2024	77	36	13	51	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, Large Patch, LTD Cracking, Shrinkage Cracking, Small Patch	40	8	20%
	RARR	8	PCC	6/9/2024	71	25	49	26	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, Large Patch, LTD Cracking, Shattered Slab, Shrinkage Cracking, Small Patch	40	8	20%
	RARR	9	PCC	6/9/2024	88	100	0	0	Joint Seal Damage	4	3	75%
	RARR	10	PCC	6/10/2024	91	70	0	30	Corner Spalling, Joint Spalling, Joint Seal Damage, Small Patch	25	7	28%
	THARR	1	AC	6/10/2024	36	69	31	0	Alligator Cracking, Depression, L&T Cracking, Raveling, Weathering	9	4	44%
	THARR	2	AC	6/10/2024	50	96	0	4	Depression, L&T Cracking, Patching, Raveling, Weathering	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.