

IDOT Office of Intermodal Project Implementation – Aeronautics
Airport Pavement Management System
Quincy Regional Airport - Baldwin Field, Quincy
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				
Quincy Regional Airport-Baldwin Field	13UIN	1	AC	6/14/2024	87	100	0	0	L&T Cracking, Weathering	25	7	28%
	13UIN	2	AC	6/14/2024	87	100	0	0	L&T Cracking, Weathering	50	7	14%
	13UIN	3	APC	6/14/2024	94	100	0	0	Weathering	4	3	75%
	13UIN	4	APC	6/14/2024	94	100	0	0	Weathering	8	5	63%
	13UIN	5	AC	6/14/2024	82	100	0	0	L&T Cracking, Weathering	21	5	24%
	13UIN	6	AC	6/14/2024	85	100	0	0	L&T Cracking, Weathering	42	7	17%
	13UIN	7	AAC	6/14/2024	94	100	0	0	Weathering	26	1	4%
	13UIN	8	AAC	6/14/2024	94	100	0	0	Weathering	52	2	4%
	13UIN	9	AAC	6/14/2024	94	100	0	0	Weathering	21	1	5%
	13UIN	10	AAC	6/14/2024	94	100	0	0	Weathering	2	2	100%
	18UIN	2	PFC	6/14/2024	67	97	0	3	Joint Reflection Cracking, Swelling	52	1	2%
	18UIN	3	APC	6/14/2024	41	100	0	0	Block Cracking, Joint Reflection Cracking, L&T Cracking, Weathering	15	5	33%
	18UIN	4	APC	6/15/2024	40	100	0	0	Block Cracking, Joint Reflection Cracking, L&T Cracking, Weathering	13	4	31%
	4UIN	1	AC	8/8/2024	100	0	0	0	No Distress	33	7	21%
	4UIN	2	APC	6/14/2024	98	100	0	0	Weathering	6	4	67%
	4UIN	3	APC	6/14/2024	98	100	0	0	Weathering	9	4	44%
	4UIN	4	AC	6/14/2024	98	100	0	0	Weathering	57	7	12%
	4UIN	5	APC	6/14/2024	98	100	0	0	Weathering	9	4	44%
	4UIN	6	AC	6/14/2024	98	100	0	0	Weathering	39	7	18%
	4UIN	7	APC	6/14/2024	98	100	0	0	Weathering	12	5	42%
	4UIN	8	APC	8/8/2024	100	0	0	0	No Distress	12	5	42%
	4UIN	9	APC	6/14/2024	98	100	0	0	Weathering	21	6	29%
	AUIN	1	APC	6/15/2024	42	89	11	0	Alligator Cracking, Joint Reflection Cracking, L&T Cracking, Raveling, Weathering	6	4	67%
	AUIN	2	AC	6/14/2024	47	92	0	8	L&T Cracking, Patching, Raveling, Shoving, Weathering	24	8	33%
	AUIN	3	PCC	6/14/2024	62	25	30	45	ASR, Corner Break, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking, Shattered Slab, Small Patch	19	9	47%
	AUIN	4	PCC	6/14/2024	69	25	0	75	ASR, Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage	16	7	44%
	AUIN	5	APC	6/14/2024	100	0	0	0	No Distress	1	1	100%
	AUIN	6	APC	6/14/2024	98	100	0	0	Weathering	1	1	100%
	AUIN	3-1	PCC	6/14/2024	81	56	0	44	ASR, Joint Seal Damage, Shrinkage Cracking, Small Patch	3	3	100%
	AUIN	3-2	PCC	6/14/2024	79	8	0	92	ASR, Joint Seal Damage	2	2	100%

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						Climate/ Durability ²	Load ³	Other				
Quincy Regional Airport-Baldwin Field	BUIN	1	APC	6/15/2024	48	100	0	0	Joint Reflection Cracking, L&T Cracking, Weathering	4	3	75%
	BUIN	2	AC	8/8/2024	100	0	0	0	No Distress	8	4	50%
	CUIN	1	APC	6/14/2024	50	73	0	27	L&T Cracking, Raveling, Swelling, Weathering	14	5	36%
	CUIN	2	PCC	6/14/2024	98	100	0	0	Joint Seal Damage	11	6	55%
	CUIN	1-1	AAC	6/14/2024	50	88	12	0	Alligator Cracking, L&T Cracking, Weathering	1	1	100%
	DUIN	1	APC	6/15/2024	36	91	0	9	Block Cracking, Joint Reflection Cracking, L&T Cracking, Raveling, Shoving, Swelling, Weathering	3	3	100%
	DUIN	2	APC	6/14/2024	46	99	0	1	Joint Reflection Cracking, L&T Cracking, Swelling, Weathering ⁶	10	5	50%
	DUIN	3	APC	6/14/2024	98	100	0	0	Weathering	1	1	100%
	DUIN	4	PCC	6/14/2024	98	59	0	41	Joint Spalling, Joint Seal Damage	14	6	43%
	DUIN	5	APC	6/14/2024	98	100	0	0	Weathering	1	1	100%
	EUIN	1	APC	6/14/2024	49	100	0	0	Joint Reflection Cracking, L&T Cracking, Raveling, Weathering	3	3	100%
	EUIN	2	PCC	6/14/2024	67	27	34	39	Corner Break, Faulting, Joint Seal Damage	1	1	100%
	EUIN	3	APC	6/14/2024	41	98	0	2	Joint Reflection Cracking, L&T Cracking, Swelling, Weathering	1	1	100%
	EUIN	5	APC	6/14/2024	39	100	0	0	Block Cracking, Joint Reflection Cracking, L&T Cracking, Weathering	2	2	100%
	FUIN	1	PCC	6/14/2024	47	13	0	87	ASR, Joint Seal Damage, Small Patch	6	4	67%
	FUIN	2	APC	6/14/2024	98	100	0	0	Weathering	2	2	100%
	RUIN	1	PCC	6/15/2024	40	13	10	77	ASR, Corner Break, Corner Spalling, Joint Spalling, Joint Seal Damage, Large Patch, LTD Cracking, Small Patch	48	9	19%
	RUIN	2	PCC	6/15/2024	55	26	2	72	ASR, Joint Spalling, Joint Seal Damage, Large Patch, LTD Cracking	13	6	46%
	RUIN	3	PCC	6/15/2024	84	39	0	61	ASR, Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, Small Patch	14	6	43%
	RUIN	4	PCC	6/15/2024	64	20	65	15	Corner Break, Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking, Shattered Slab, Small Patch	20	7	35%
	RUIN	5	PCC	6/15/2024	79	50	0	50	Faulting, Joint Spalling, Joint Seal Damage, Small Patch	10	5	50%
	RUIN	6	PCC	6/15/2024	94	95	0	5	Joint Spalling, Joint Seal Damage, Large Patch	10	5	50%
	RUIN	7	PCC	6/15/2024	92	91	0	9	Joint Seal Damage, Shrinkage Cracking	4	3	75%
	RUIN	11	PCC	6/14/2024	83	60	0	40	Corner Spalling, Joint Seal Damage, Shrinkage Cracking, Small Patch	6	4	67%

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Quincy Regional Airport-Baldwin Field	THUIN	1	AAC	6/15/2024	48	75	14	11	Alligator Cracking, Block Cracking, L&T Cracking, Shoving, Weathering	3	3	100%
	THUIN	1-1	AC	6/15/2024	74	100	0	0	L&T Cracking, Patching, Weathering	9	5	56%
	THUIN	1-3	AC	6/15/2024	9	42	58	0	Alligator Cracking	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.