

IDOT Office of Intermodal Project Implementation – Aeronautics
Airport Pavement Management System
 Quad Cities International Airport, Moline
 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				
Quad Cities International Airport	13MLI	1	PFC	06-22-2023	74	100	0	0	L&T Cracking, Patching, Raveling	93	10	11%
	13MLI	2	PFC	06-22-2023	81	100	0	0	L&T Cracking, Patching, Raveling	33	7	21%
	13MLI	3	PCC	06-22-2023	86	81	0	19	Corner Spalling, Joint Seal Damage, Shrinkage Cracking	9	5	56%
	13MLI	4	PCC	06-22-2023	90	18	37	45	Joint Spalling, Joint Seal Damage, Large Patch, LTD Cracking, Shrinkage Cracking, Small Patch	15	6	40%
	13MLI	5	PCC	06-22-2023	80	26	0	74	ASR, Joint Seal Damage	6	4	67%
	13MLI	1A	PCC	06-22-2023	96	38	38	24	Corner Spalling, Joint Spalling, Joint Seal Damage, LTD Cracking	30	8	27%
	5MLI	2	PCC	06-22-2023	95	77	0	23	Corner Spalling, Joint Seal Damage, Large Patch, Shrinkage Cracking, Small Patch	89	10	11%
	5MLI	3	PCC	06-22-2023	94	89	0	11	Corner Spalling, Joint Spalling, Joint Seal Damage, Shrinkage Cracking	21	7	33%
	5MLI	4	PCC	06-22-2023	91	71	0	29	Corner Spalling, Joint Seal Damage, Shrinkage Cracking, Small Patch	20	7	35%
	9MLI	1	PCC	06-22-2023	89	16	0	84	Joint Seal Damage, Large Patch, Shrinkage Cracking, Small Patch	21	7	33%
	9MLI	2	PCC	06-22-2023	97	48	25	27	Faulting, Joint Seal Damage, LTD Cracking	261	26	10%
	9MLI	5	PCC	06-22-2023	87	49	17	34	Corner Spalling, Joint Spalling, Joint Seal Damage, LTD Cracking, Scaling, Shrinkage Cracking	30	8	27%
	A1MLI	1	PCC	06-22-2023	88	100	0	0	Joint Seal Damage	1	1	100%
	A1MLI	2	PCC	06-22-2023	84	40	0	60	Joint Spalling, Joint Seal Damage, Shrinkage Cracking	2	2	100%
	A2MLI	1	PCC	06-22-2023	85	43	28	29	Corner Spalling, Joint Spalling, Joint Seal Damage, Large Patch, LTD Cracking, Shrinkage Cracking, Small Patch	5	4	80%
	A3MLI	1	PCC	06-22-2023	100	0	0	0	No distress	12	6	50%
	A4MLI	1	PFC	06-22-2023	79	100	0	0	L&T Cracking, Raveling	8	4	50%
	AML	1	PCC	06-22-2023	76	24	28	48	ASR, Joint Seal Damage, LTD Cracking	20	7	35%
	AML	2	PCC	06-22-2023	100	0	0	0	No distress	27	7	26%
	AML	3	PCC	06-22-2023	76	7	0	93	ASR, Corner Spalling, Joint Spalling, Joint Seal Damage, Large Patch, Small Patch	13	7	54%
	AML	4	PCC	06-22-2023	88	27	44	29	ASR, Corner Break, Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking, Shattered Slab, Shrinkage Cracking	44	9	20%
	AML	5	PCC	06-22-2023	86	12	15	73	ASR, Corner Spalling, Joint Spalling, Joint Seal Damage, LTD Cracking	7	4	57%

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Quad Cities International Airport	B1MLI	1	PCC	06-22-2023	75	21	37	42	ASR, Corner Spalling, Joint Spalling, Joint Seal Damage, Large Patch, LTD Cracking, Shattered Slab, Shrinkage Cracking, Small Patch	5	4	80%
	B2MLI	1	PCC	06-22-2023	63	5	90	5	Corner Break, Joint Seal Damage, LTD Cracking, Shattered Slab, Small Patch	1	1	100%
	B2MLI	2	PCC	06-22-2023	94	32	0	68	Joint Seal Damage, Shrinkage Cracking	1	1	100%
	BMLI	3	PCC	06-22-2023	78	50	22	28	Corner Break, Corner Spalling, Joint Spalling, Joint Seal Damage, Large Patch, LTD Cracking, Small Patch	4	3	75%
	BMLI	4	PCC	06-22-2023	94	31	35	34	Corner Break, Joint Spalling, Joint Seal Damage, LTD Cracking, Small Patch	7	4	57%
	CMLI	1	PCC	06-22-2023	75	6	19	75	ASR, Faulting, Joint Seal Damage, Large Patch, LTD Cracking, Shrinkage Cracking	3	3	100%
	DMLI	1	AAC	06-22-2023	59	100	0	0	L&T Cracking, Raveling, Weathering	10	5	50%
	EMLI	1	AC	06-22-2023	57	87	13	0	L&T Cracking, Raveling, Rutting, Weathering	8	4	50%
	EMLI	2	AC	06-22-2023	59	100	0	0	L&T Cracking, Raveling, Weathering	6	4	67%
	EMLI	3	PCC	06-22-2023	90	60	0	40	Faulting, Joint Spalling, Joint Seal Damage, Shrinkage Cracking	8	5	63%
	FMLI	1	PCC	06-22-2023	64	15	12	73	ASR, Corner Spalling, Joint Spalling, Joint Seal Damage, Large Patch, LTD Cracking, Shrinkage Cracking	23	7	30%
	JMLI	1	PCC	06-22-2023	86	40	27	33	ASR, Corner Spalling, Joint Spalling, Joint Seal Damage, LTD Cracking, Shattered Slab, Shrinkage Cracking, Small Patch	14	6	43%
	JMLI	2	PCC	06-22-2023	73	23	0	77	ASR, Joint Seal Damage	1	1	100%
	JMLI	3	PCC	06-22-2023	88	15	13	72	ASR, Corner Spalling, Joint Spalling, Joint Seal Damage, LTD Cracking	4	3	75%
	K12MLI	1	PCC	06-22-2023	98	100	0	0	Joint Seal Damage	6	4	67%
	K1MLI	1	PCC	06-22-2023	97	58	23	19	Corner Break, Joint Spalling, Joint Seal Damage	12	6	50%
	K2MLI	1	PCC	06-22-2023	93	28	0	72	ASR, Faulting, Joint Seal Damage, Shrinkage Cracking, Small Patch	3	3	100%
	K3MLI	1	AAC	06-22-2023	55	100	0	0	L&T Cracking, Patching, Raveling, Weathering	1	1	100%
	K3MLI	2	AAC	06-22-2023	51	79	21	0	Alligator Cracking, Block Cracking, L&T Cracking, Patching, Raveling, Weathering	11	5	45%
	K5MLI	1	PCC	06-22-2023	97	59	0	41	Faulting, Joint Spalling, Joint Seal Damage	6	4	67%
	K6MLI	1	PCC	06-22-2023	74	38	37	25	Corner Break, Joint Seal Damage, Large Patch, LTD Cracking, Small Patch	1	1	100%
	K7MLI	1	PCC	06-22-2023	93	100	0	0	Joint Seal Damage	1	1	100%
	K8MLI	1	PCC	06-22-2023	91	81	0	19	Joint Spalling, Joint Seal Damage	1	1	100%

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Quad Cities International Airport	KMLI	1	PCC	06-22-2023	97	60	0	40	Corner Spalling, Joint Seal Damage	51	8	16%
	KMLI	2	PCC	06-22-2023	90	59	9	32	Joint Spalling, Joint Seal Damage, Large Patch, LTD Cracking	17	7	41%
	MMLI	1	PCC	06-22-2023	73	44	23	33	Corner Break, Corner Spalling, Joint Spalling, Joint Seal Damage, Large Patch, LTD Cracking, Popouts, Shrinkage Cracking	4	3	75%
	NMLI	1	PCC	06-22-2023	91	21	17	62	Joint Seal Damage, Large Patch, LTD Cracking, Small Patch	4	3	75%
	NMLI	2	PCC	06-22-2023	86	84	8	8	Joint Seal Damage, LTD Cracking, Shrinkage Cracking	3	3	100%
	NMLI	3	PCC	06-22-2023	98	100	0	0	Joint Seal Damage	14	6	43%
	P1MLI	1	PCC	06-22-2023	95	33	0	67	Faulting, Joint Seal Damage	12	6	50%
	P2MLI	1	PCC	06-22-2023	100	0	0	0	No distress	10	5	50%
	P3MLI	1	PCC	06-22-2023	86	39	14	47	Faulting, Joint Seal Damage, LTD Cracking, Shrinkage Cracking	16	6	38%
	PMLI	3	PCC	06-22-2023	96	86	10	4	Joint Seal Damage, LTD Cracking, Shrinkage Cracking	27	8	30%
	PMLI	4	PCC	06-22-2023	94	26	54	20	Corner Break, Joint Spalling, Joint Seal Damage, LTD Cracking, Shrinkage Cracking, Small Patch	32	8	25%
	PMLI	5	PCC	06-22-2023	97	56	0	44	Corner Spalling, Joint Seal Damage, Small Patch	100	11	11%
	RMLI	1	PCC	06-22-2023	87	46	41	13	Corner Break, Corner Spalling, Joint Spalling, Joint Seal Damage, LTD Cracking, Shrinkage Cracking, Small Patch	9	5	56%
	RMLI	2	PCC	06-22-2023	42	13	24	63	ASR, Corner Break, Joint Seal Damage, Large Patch, LTD Cracking, Shattered Slab, Small Patch	11	6	55%
	RMLI	3	APC	06-22-2023	56	100	0	0	Joint Reflection Cracking, L&T Cracking, Patching, Weathering	11	5	45%
	RMLI	4	PCC	06-22-2023	76	69	3	28	Corner Spalling, Durability Cracking, Joint Spalling, Joint Seal Damage, LTD Cracking, Shrinkage Cracking	11	6	55%
	RMLI	6	PCC	06-22-2023	76	24	7	69	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking, Pumping, Small Patch	16	6	38%
	RMLI	10	PCC	06-22-2023	85	68	21	11	Corner Spalling, Joint Spalling, Joint Seal Damage, LTD Cracking, Shrinkage Cracking	12	6	50%
	RMLI	11	PCC	06-22-2023	79	51	4	45	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking, Shrinkage Cracking	12	6	50%
	RMLI	12	PCC	06-22-2023	78	32	0	68	ASR, Faulting, Joint Spalling, Joint Seal Damage, Large Patch, Small Patch	5	4	80%

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Quad Cities International Airport	RMLI	13	PCC	06-22-2023	75	36	0	64	ASR, Corner Spalling, Joint Spalling, Joint Seal Damage, Large Patch	13	6	46%
	RMLI	14	PCC	06-22-2023	84	66	4	30	Corner Break, Corner Spalling, Faulting, Joint Seal Damage, Large Patch	24	7	29%
	RMLI	15	PCC	06-22-2023	80	49	0	51	ASR, Joint Spalling, Joint Seal Damage	10	5	50%
	RMLI	20	PCC	06-22-2023	86	77	16	7	Joint Spalling, Joint Seal Damage, LTD Cracking, Shrinkage Cracking	9	5	56%
	RMLI	21	PCC	06-22-2023	85	73	0	27	Joint Spalling, Joint Seal Damage, Large Patch	6	4	67%
	RMLI	22	PCC	06-22-2023	55	10	0	90	ASR, Corner Spalling, Faulting, Joint Seal Damage	4	3	75%
	RMLI	23	PCC	06-22-2023	82	48	0	52	Corner Spalling, Faulting, Joint Seal Damage, Shrinkage Cracking, Small Patch	7	4	57%
	RMLI	24	PCC	06-22-2023	83	38	44	18	Corner Break, Corner Spalling, Joint Spalling, Joint Seal Damage, LTD Cracking, Shrinkage Cracking, Small Patch	10	5	50%
	RMLI	25	PCC	06-22-2023	87	82	0	18	Corner Spalling, Joint Spalling, Joint Seal Damage, Shrinkage Cracking	6	4	67%
	RMLI	26	PCC	06-22-2023	82	48	0	52	Faulting, Joint Seal Damage, Small Patch	7	4	57%
	RMLI	40	PCC	06-22-2023	82	54	0	46	ASR, Corner Spalling, Joint Spalling, Joint Seal Damage, Shrinkage Cracking	66	9	14%
	RMLI	43	PCC	06-22-2023	82	53	8	39	ASR, Faulting, Joint Seal Damage, LTD Cracking	12	6	50%
	RMLI	44	PCC	06-22-2023	86	76	16	8	ASR, Joint Seal Damage, LTD Cracking	10	5	50%
	SHRW9MLI	1	AC	06-22-2023	61	85	15	0	Alligator Cracking, L&T Cracking, Raveling, Weathering	75	8	11%
	THMLI	1	PCC	06-22-2023	87	90	0	10	Joint Spalling, Joint Seal Damage, Shrinkage Cracking	35	8	23%
	THMLI	2	AAC	06-22-2023	61	64	36	0	Alligator Cracking, L&T Cracking, Patching, Weathering	20	5	25%
	THMLI	3	PCC	06-22-2023	83	34	17	49	Corner Spalling, Joint Spalling, Joint Seal Damage, Large Patch, LTD Cracking, Scaling, Shrinkage Cracking, Small Patch	8	5	63%

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.