

IDOT Office of Intermodal Project Implementation – Aeronautics
Airport Pavement Management System
 Abraham Lincoln Capital Airport, Springfield
 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				
Abraham Lincoln Capital Airport	13SPI	1	AC	07-05-2023	37	100	0	0	L&T Cracking, Raveling, Weathering	33	7	21%
	13SPI	2	AC	07-05-2023	41	69	31	0	Alligator Cracking, L&T Cracking, Weathering	30	6	20%
	13SPI	3	APC	07-05-2023	52	87	0	13	L&T Cracking, Raveling, Swelling, Weathering	42	7	17%
	13SPI	4	APC	07-05-2023	52	90	9	1	Alligator Cracking, L&T Cracking, Raveling, Swelling, Weathering	102	11	11%
	4SPI	1	PCC	07-05-2023	80	0	0	100	ASR, Corner Spalling, Joint Spalling, Small Patch	156	16	10%
	4SPI	2	PCC	07-05-2023	72	0	11	89	ASR, Corner Break, Corner Spalling, Faulting, Joint Spalling, LTD Cracking, Small Patch	198	20	10%
	4SPI	3	PCC	07-05-2023	64	0	3	97	ASR, Corner Break, Corner Spalling, Joint Spalling, Large Patch, Small Patch	24	8	33%
	ASPI	1	PCC	07-05-2023	66	23	28	49	ASR, Corner Break, Corner Spalling, Joint Spalling, Joint Seal Damage, LTD Cracking, Shrinkage Cracking, Small Patch	16	6	38%
	ASPI	2	PCC	07-05-2023	71	28	0	72	ASR, Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, Small Patch	27	7	26%
	ASPI	3	PCC	07-05-2023	75	46	0	54	ASR, Joint Seal Damage, Small Patch	20	7	35%
	ASPI	4	PCC	07-05-2023	81	48	14	38	ASR, Corner Break, Joint Spalling, Joint Seal Damage, LTD Cracking, Scaling, Shrinkage Cracking	80	10	13%
	ASPI	5	PCC	07-05-2023	63	22	12	66	ASR, Corner Break, Corner Spalling, Joint Seal Damage, LTD Cracking, Small Patch	15	6	40%
	ASPI	9	PCC	07-05-2023	69	28	0	72	ASR, Joint Spalling, Joint Seal Damage, Small Patch	4	3	75%
	ASPI	10	PCC	07-05-2023	85	73	0	27	ASR, Joint Spalling, Joint Seal Damage, Scaling, Shrinkage Cracking, Small Patch	26	7	27%
	B2SPI	1	AAC	07-05-2023	47	100	0	0	L&T Cracking, Weathering	1	1	100%
	B3SPI	1	AC	07-05-2023	50	81	19	0	Alligator Cracking, L&T Cracking, Weathering	1	1	100%
	B4SPI	1	AC	07-05-2023	52	77	15	8	Alligator Cracking, Depression, L&T Cracking, Raveling, Shoving, Weathering	3	3	100%
	BSPI	1	PCC	07-05-2023	77	42	0	58	ASR, Joint Seal Damage, Shrinkage Cracking	10	5	50%
	BSPI	2	PCC	07-05-2023	80	48	0	52	ASR, Joint Spalling, Joint Seal Damage, Shrinkage Cracking	8	5	63%
	BSPI	3	AC	07-05-2023	49	75	25	0	Alligator Cracking, L&T Cracking, Raveling, Weathering	21	6	29%
	BSPI	4	AC	07-05-2023	42	88	12	0	Alligator Cracking, Block Cracking, L&T Cracking, Weathering	21	6	29%
	BSPI	5	AC	07-05-2023	38	85	15	0	Alligator Cracking, L&T Cracking, Raveling, Weathering	2	2	100%

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Abraham Lincoln Capital Airport	BSPI	6	AC	07-05-2023	45	75	25	0	Alligator Cracking, L&T Cracking, Weathering	7	4	57%
	BSPI	7	AC	07-05-2023	71	100	0	0	L&T Cracking, Weathering	16	5	31%
	BSPI	8	AC	07-05-2023	69	100	0	0	L&T Cracking, Weathering	13	5	38%
	BSPI	9	APC	07-05-2023	28	100	0	0	L&T Cracking, Raveling, Weathering	1	1	100%
	CSPI	2	PCC	07-05-2023	49	15	9	76	ASR, Corner Break, Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, Large Patch, LTD Cracking, Shrinkage Cracking, Small Patch	14	7	50%
	CSPI	3	PCC	07-05-2023	37	17	7	76	ASR, Corner Spalling, Joint Spalling, Joint Seal Damage, LTD Cracking, Small Patch	3	3	100%
	CSPI	4	PCC	07-05-2023	83	61	0	39	Faulting, Joint Spalling, Joint Seal Damage, Small Patch	4	3	75%
	DSPI	1	PCC	07-05-2023	73	36	0	64	ASR, Joint Spalling, Joint Seal Damage, Small Patch	6	4	67%
	ESPI	1	APC	07-05-2023	56	100	0	0	L&T Cracking, Patching, Weathering	2	2	100%
	ESPI	3	PCC	07-05-2023	66	26	0	74	ASR, Corner Spalling, Joint Spalling, Joint Seal Damage, Shrinkage Cracking	2	2	100%
	ESPI	4	AC	07-05-2023	100	0	0	0	No distress	3	3	100%
	FSPI	1	PCC	07-05-2023	52	18	0	82	ASR, Corner Spalling, Joint Spalling, Joint Seal Damage	5	4	80%
	FSPI	2	APC	07-05-2023	52	98	0	2	Joint Reflection Cracking, L&T Cracking, Swelling, Weathering	3	3	100%
	FSPI	3	APC	07-05-2023	57	100	0	0	Joint Reflection Cracking, L&T Cracking, Weathering	1	1	100%
	FSPI	4	PCC	07-05-2023	87	46	0	54	ASR, Joint Seal Damage, Shrinkage Cracking, Small Patch	3	3	100%
	GSPI	7	AC	08-06-2023	100	0	0	0	No distress	10	5	50%
	GSPI	8	AC	09-06-2023	100	0	0	0	No distress	6	4	67%
	GSPI	9	PCC	07-05-2023	72	42	0	58	ASR, Corner Spalling, Joint Spalling, Joint Seal Damage, Small Patch	33	8	24%
	GSPI	10	PCC	07-05-2023	92	90	0	10	Joint Seal Damage, Scaling	2	2	100%
	GSPI	11	PCC	07-05-2023	88	77	0	23	ASR, Corner Spalling, Joint Spalling, Joint Seal Damage, Small Patch	12	6	50%
	HSPI	1	APC	07-05-2023	45	100	0	0	Joint Reflection Cracking, L&T Cracking, Raveling, Weathering	2	2	100%
	HSPI	2	APC	07-05-2023	43	100	0	0	Joint Reflection Cracking, L&T Cracking, Raveling, Weathering	2	2	100%
	HSPI	3	PCC	07-05-2023	46	14	18	68	ASR, Corner Break, Corner Spalling, Joint Spalling, Joint Seal Damage, Large Patch, LTD Cracking	3	3	100%

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Abraham Lincoln Capital Airport	HSPI	4	PCC	07-05-2023	52	17	8	75	ASR, Corner Break, Corner Spalling, Joint Spalling, Joint Seal Damage, LTD Cracking, Small Patch	5	4	80%
	HSPI	5	APC	07-05-2023	38	100	0	0	L&T Cracking, Raveling, Weathering	1	1	100%
	JSPI	1	AC	07-05-2023	45	75	25	0	Alligator Cracking, L&T Cracking, Weathering	5	4	80%
	RSPI	1	PCC	07-05-2023	77	41	0	59	ASR, Corner Spalling, Joint Spalling, Joint Seal Damage, Shrinkage Cracking	9	5	56%
	RSPI	2	PCC	07-05-2023	86	81	0	19	ASR, Corner Spalling, Joint Seal Damage, Scaling, Shrinkage Cracking	74	9	12%
	RSPI	3	PCC	07-05-2023	31	10	21	69	ASR, Corner Break, Corner Spalling, Joint Seal Damage, Large Patch, LTD Cracking, Shrinkage Cracking, Small Patch	18	7	39%
	RSPI	4	PCC	07-05-2023	67	24	7	69	ASR, Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, Large Patch, LTD Cracking, Scaling, Shrinkage Cracking, Small Patch	60	9	15%
	RSPI	5	PCC	07-05-2023	81	44	9	47	ASR, Corner Spalling, Faulting, Joint Seal Damage, LTD Cracking, Shrinkage Cracking, Small Patch	42	8	19%
	RSPI	8	PCC	07-05-2023	81	51	29	20	Corner Break, Joint Spalling, Joint Seal Damage, LTD Cracking, Shrinkage Cracking, Small Patch	8	5	63%
	RSPI	10	AAC	07-05-2023	39	28	72	0	Alligator Cracking, L&T Cracking, Patching, Raveling, Rutting	4	3	75%
	RSPI	15	AC	07-05-2023	24	53	47	0	Alligator Cracking, L&T Cracking, Weathering	1	1	100%
	RSPI	20	PCC	07-05-2023	58	18	9	73	ASR, Corner Break, Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking	23	7	30%
	RSPI	21	PCC	07-05-2023	72	28	44	28	ASR, Corner Break, Corner Spalling, Faulting, Joint Seal Damage, LTD Cracking, Shrinkage Cracking, Small Patch	8	5	63%
	RSPI	22	PCC	07-05-2023	67	27	25	48	ASR, Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking, Scaling, Shrinkage Cracking, Small Patch	6	4	67%
	RSPI	23	PCC	07-05-2023	80	47	47	6	Corner Break, Corner Spalling, Joint Spalling, Joint Seal Damage, LTD Cracking	4	3	75%
	RSPI	24	AAC	07-05-2023	72	100	0	0	L&T Cracking, Weathering	2	2	100%
	RSPI	25	PCC	07-05-2023	86	73	0	27	ASR, Corner Spalling, Joint Spalling, Joint Seal Damage	17	7	41%

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Abraham Lincoln Capital Airport	RSPI	40	PCC	07-05-2023	80	50	3	47	ASR, Joint Seal Damage, LTD Cracking, Small Patch	42	8	19%
	TH1SPI	1	AC	07-05-2023	61	63	37	0	Alligator Cracking, L&T Cracking, Weathering	14	5	36%
	TH2SPI	1	AAC	07-05-2023	63	80	20	0	Alligator Cracking, L&T Cracking, Weathering	1	1	100%
	THSPI	1	AC	07-05-2023	16	42	51	7	Alligator Cracking, Block Cracking, Depression, Rutting, Weathering	3	3	100%
	THSPI	2	AC	07-05-2023	75	100	0	0	L&T Cracking, Raveling, Weathering ⁶	3	3	100%
	THSPI	20	AAC	07-05-2023	85	100	0	0	L&T Cracking, Raveling	34	7	21%
	THSPI	21	AC	07-05-2023	59	65	35	0	Alligator Cracking, L&T Cracking, Patching	36	7	19%
	THSPI	22	PCC	07-05-2023	90	67	10	23	ASR, Joint Seal Damage, LTD Cracking, Small Patch	5	5	100%
	THSPI	23	AAC	07-05-2023	74	100	0	0	L&T Cracking, Weathering	6	4	67%
	THSPI	30	AAC	07-05-2023	73	78	22	0	Alligator Cracking, L&T Cracking, Patching, Weathering	11	5	45%
	THSPI	2-1	AAC	07-05-2023	81	100	0	0	L&T Cracking, Patching	3	3	100%
	YSPI	1	AC	07-05-2023	54	65	35	0	Alligator Cracking, L&T Cracking, Weathering	14	5	36%
	YSPI	2	AAC	07-05-2023	88	100	0	0	L&T Cracking, Weathering	5	4	80%
	YSPI	3	AC	07-05-2023	74	100	0	0	L&T Cracking, Weathering	16	5	31%
	YSPI	4	PCC	07-05-2023	100	0	0	0	No distress	7	4	57%
	ZSPI	1	AAC	07-05-2023	82	100	0	0	L&T Cracking	3	3	100%
	ZSPI	2	PCC	07-05-2023	70	27	32	41	Corner Break, Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, Large Patch, LTD Cracking	8	5	63%
	ZSPI	3	AC	07-05-2023	82	100	0	0	L&T Cracking	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.