

IDOT Office of Intermodal Project Implementation – Aeronautics
Airport Pavement Management System
Veterans Airport of Southern Illinois, Marion
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				
Veterans Airport of Southern Illinois	11MWA	1	APC	7/27/2024	85	100	0	0	L&T Cracking, Weathering	16	5	31%
	11MWA	2	APC	7/27/2024	84	100	0	0	L&T Cracking, Weathering	28	6	21%
	11MWA	3	APC	7/27/2024	87	100	0	0	L&T Cracking, Weathering	28	6	21%
	11MWA	4	PCC	7/27/2024	95	57	0	43	ASR, Joint Seal Damage, Shrinkage Cracking, Small Patch	24	7	29%
	2MWA	1	PFC	7/27/2024	72	100	0	0	L&T Cracking, Raveling	108	11	10%
	2MWA	2	PFC	7/27/2024	74	100	0	0	L&T Cracking, Raveling	18	5	28%
	2MWA	3	PFC	7/27/2024	73	100	0	0	L&T Cracking, Raveling	21	6	29%
	2MWA	4	PFC	7/27/2024	76	100	0	0	L&T Cracking, Raveling	42	7	17%
	2MWA	5	PFC	7/27/2024	68	100	0	0	L&T Cracking, Patching, Raveling	51	7	14%
	A1MWA	1	PCC	7/27/2024	96	95	0	5	Joint Spalling, Joint Seal Damage	4	3	75%
	AMWA	1	APC	9/3/2024	100	0	0	0	No Distress	12	5	42%
	B2MWA	1	PCC	7/27/2024	86	86	0	14	ASR, Joint Seal Damage	3	3	100%
	B3MWA	1	APC	9/3/2024	100	0	0	0	No Distress	2	2	100%
	BMWA	1	AAC	9/3/2024	100	0	0	0	No Distress	3	3	100%
	BMWA	2	APC	9/3/2024	100	0	0	0	No Distress	24	6	25%
	BMWA	3	AAC	9/3/2024	100	0	0	0	No Distress	10	5	50%
	BMWA	4	PCC	7/27/2024	83	51	11	38	ASR, Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking, Shrinkage Cracking, Small Patch	25	8	32%
	C1MWA	1	PFC	7/27/2024	70	100	0	0	L&T Cracking, Raveling	3	3	100%
	C3MWA	1	PFC	7/27/2024	87	100	0	0	L&T Cracking, Raveling ⁶	2	2	100%
	C4MWA	1	PFC	7/27/2024	83	100	0	0	L&T Cracking, Raveling ⁶	2	2	100%
	C5MWA	1	PFC	7/27/2024	76	100	0	0	L&T Cracking, Raveling ⁶	5	4	80%
	CMWA	2	APC	9/3/2024	100	0	0	0	No Distress	1	1	100%
	CMWA	3	PFC	7/27/2024	82	100	0	0	L&T Cracking, Raveling ⁶	8	4	50%
	CMWA	4	PFC	7/27/2024	76	100	0	0	L&T Cracking, Raveling ⁶	26	6	23%
	CMWA	5	PFC	7/27/2024	83	100	0	0	L&T Cracking, Raveling ⁶	16	5	31%
	CMWA	6	PFC	7/27/2024	73	100	0	0	L&T Cracking, Raveling ⁶	17	5	29%
	CMWA	7	AAC	7/27/2024	84	100	0	0	L&T Cracking, Weathering	1	1	100%
	DMWA	1	AAC	9/3/2024	100	0	0	0	No Distress	4	3	75%
	EMWA	1	PFC	7/27/2024	83	100	0	0	L&T Cracking, Raveling	13	5	38%
	RMWA	1	PCC	7/28/2024	79	27	6	67	ASR, Corner Break, Faulting, Joint Spalling, Joint Seal Damage, Large Patch, LTD Cracking, Small Patch	18	7	39%
	RMWA	2	PCC	7/28/2024	34	0	29	71	ASR, LTD Cracking, Small Patch	2	2	100%
	RMWA	3	PCC	7/28/2024	93	0	41	59	Faulting, Large Patch, LTD Cracking, Small Patch	6	4	67%

IDOT Office of Intermodal Project Implementation – Aeronautics
Airport Pavement Management System
Veterans Airport of Southern Illinois, Marion
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				
Veterans Airport of Southern Illinois	RMWA	4	PCC	7/28/2024	83	0	52	48	Faulting, LTD Cracking, Small Patch	1	1	100%
	RMWA	5	AAC	7/28/2024	67	85	12	3	L&T Cracking, Raveling, Rutting, Shoving, Weathering ⁶	12	6	50%
	RMWA	6	AAC	7/28/2024	66	83	17	0	Alligator Cracking, L&T Cracking, Raveling, Weathering ⁶	16	6	38%
	RMWA	7	APC	7/28/2024	68	86	14	0	L&T Cracking, Raveling, Rutting, Weathering ⁷	16	5	31%
	RMWA	8	AAC	7/28/2024	70	80	18	2	L&T Cracking, Raveling, Rutting, Swelling, Weathering ⁶	5	4	80%
	RMWA	9	AAC	7/28/2024	72	100	0	0	L&T Cracking, Raveling, Weathering ⁶	6	4	67%
	RMWA	10	AC	7/28/2024	48	100	0	0	Block Cracking, L&T Cracking, Raveling, Weathering	6	4	67%
	RMWA	11	PCC	7/28/2024	99	0	0	100	Small Patch	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.