

IDOT Office of Intermodal Project Implementation – Aeronautics
Airport Pavement Management System
 Illinois Valley Regional Airport-Walter A Duncan Field, Peru
 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				
Illinois Valley Regional Airport-Walter A Duncan Field	18VYS	1	PFC	07-18-2023	72	97	0	3	L&T Cracking, Swelling	88	9	10%
	18VYS	2	PFC	07-18-2023	72	100	0	0	L&T Cracking	24	6	25%
	18VYS	3	AAC	07-18-2023	46	100	0	0	Block Cracking, L&T Cracking, Weathering	8	4	50%
	7VYS	1	AC	07-18-2023	55	75	25	0	Alligator Cracking, L&T Cracking, Weathering	24	6	25%
	7VYS	2	AC	07-18-2023	62	100	0	0	L&T Cracking, Raveling, Weathering	4	3	75%
	7VYS	3	AC	07-18-2023	60	87	13	0	Alligator Cracking, L&T Cracking, Weathering	22	6	27%
	AVYS	1	AC	07-18-2023	39	100	0	0	Block Cracking, L&T Cracking, Raveling, Weathering	8	4	50%
	AVYS	2	AC	07-18-2023	65	100	0	0	L&T Cracking, Weathering	3	3	100%
	AVYS	3	AC	07-18-2023	40	83	17	0	Alligator Cracking, Block Cracking, L&T Cracking, Raveling, Weathering	8	4	50%
	AVYS	4	AC	07-18-2023	74	100	0	0	L&T Cracking, Weathering	11	5	45%
	AVYS	5	AC	07-18-2023	100	0	0	0	No distress	10	5	50%
	BVYS	2	AC	07-18-2023	59	69	31	0	Alligator Cracking, L&T Cracking, Rutting, Weathering	2	2	100%
	CVYS	1	AC	07-18-2023	41	100	0	0	Block Cracking, L&T Cracking, Raveling, Weathering	1	1	100%
	DVYS	1	PFC	07-18-2023	74	100	0	0	L&T Cracking	3	3	100%
	DVYS	2	AC	07-18-2023	100	0	0	0	No distress	6	4	67%
	RVYS	1	PCC	07-18-2023	98	56	0	44	Joint Spalling, Joint Seal Damage, Shrinkage Cracking	12	6	50%
	RVYS	2	PCC	07-18-2023	64	20	56	24	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking, Shattered Slab, Shrinkage Cracking, Small Patch	18	7	39%
	RVYS	3	PCC	07-18-2023	95	0	61	39	Joint Spalling, LTD Cracking, Small Patch	18	8	44%
	TH1VYS	1	AAC	07-18-2023	100	0	0	0	No distress	6	4	67%
	TH1VYS	2	AAC	07-18-2023	43	69	31	0	Alligator Cracking, L&T Cracking, Patching, Weathering	4	3	75%
	TH1VYS	3	AAC	07-18-2023	40	69	31	0	Alligator Cracking, Block Cracking, L&T Cracking, Patching, Weathering	4	3	75%
	TH2VYS	1	AAC	07-18-2023	35	66	34	0	Alligator Cracking, Block Cracking, L&T Cracking, Patching, Weathering	2	2	100%
	TH3VYS	1	AAC	07-18-2023	54	75	25	0	Alligator Cracking, L&T Cracking, Patching, Weathering	4	4	100%
	TH3VYS	2	AAC	07-18-2023	57	70	30	0	Alligator Cracking, L&T Cracking, Patching, Weathering	1	1	100%
	THVYS	1	AAC	07-18-2023	21	48	52	0	Alligator Cracking, Block Cracking, L&T Cracking, Weathering	5	3	60%

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						Climate/Durability ²	Load ³	Other				
Illinois Valley Regional Airport-Walter A Duncan Field	THVYS	2	AAC	07-18-2023	21	56	44	0	Alligator Cracking, L&T Cracking, Patching, Weathering	1	1	100%
	THVYS	3	AAC	07-18-2023	32	52	48	0	Alligator Cracking, L&T Cracking, Weathering	3	3	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.