

IDOT Office of Intermodal Project Implementation – Aeronautics
Airport Pavement Management System
Vermilion Regional Airport, Danville
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				
Vermilion Regional Airport	16DNV	1	PFC	6/10/2024	75	100	0	0	L&T Cracking, Raveling	32	7	22%
	16DNV	2	PFC	6/10/2024	73	100	0	0	L&T Cracking, Raveling	40	7	18%
	16DNV	3	APC	6/10/2024	39	100	0	0	L&T Cracking, Raveling, Weathering	1	1	100%
	16DNV	4	APC	6/10/2024	44	100	0	0	L&T Cracking, Raveling, Weathering	1	1	100%
	3DNV	1	APC	6/10/2024	67	98	0	2	L&T Cracking, Patching, Raveling, Swelling, Weathering	80	8	10%
	3DNV	2	APC	6/10/2024	67	100	0	0	L&T Cracking, Raveling, Weathering	28	6	21%
	3DNV	3	AAC	6/10/2024	65	100	0	0	L&T Cracking, Raveling, Weathering	12	5	42%
	A1DNV	1	AAC	6/10/2024	100	0	0	0	No Distress	1	1	100%
	A1DNV	2	AAC	6/10/2024	100	0	0	0	No Distress	1	1	100%
	A2DNV	1	APC	6/10/2024	30	100	0	0	Block Cracking, Patching, Raveling, Weathering	1	1	100%
	A2DNV	2	APC	6/10/2024	54	100	0	0	L&T Cracking, Weathering	1	1	100%
	A5DNV	1	AAC	6/10/2024	52	92	8	0	Alligator Cracking, L&T Cracking, Raveling, Weathering	3	3	100%
	ADNV	1	APC	6/10/2024	77	100	0	0	L&T Cracking, Weathering	3	3	100%
	ADNV	2	APC	6/10/2024	46	100	0	0	Block Cracking, Patching, Raveling, Weathering	4	3	75%
	ADNV	3	AAC	6/10/2024	48	65	32	3	Alligator Cracking, Block Cracking, Depression, L&T Cracking, Rutting, Weathering	10	5	50%
	ADNV	4	AC	6/10/2024	100	0	0	0	No Distress	16	5	31%
	ADNV	5	AC	6/10/2024	59	100	0	0	L&T Cracking, Weathering	6	4	67%
	ADNV	6	AC	6/10/2024	100	0	0	0	No Distress	1	1	100%
	BDNV	1	AAC	6/10/2024	73	61	39	0	Alligator Cracking, L&T Cracking, Raveling, Weathering	9	4	44%
	C1DNV	1	APC	6/10/2024	69	100	0	0	L&T Cracking, Raveling, Weathering	2	2	100%
	C1DNV	2	AAC	6/10/2024	69	100	0	0	L&T Cracking, Raveling, Weathering	1	1	100%
	CDNV	1	APC	6/10/2024	65	100	0	0	L&T Cracking, Weathering	9	4	44%
	CDNV	2	AAC	6/10/2024	66	76	24	0	Alligator Cracking, L&T Cracking, Weathering	7	4	57%
	CDNV	3	AC	6/10/2024	72	65	35	0	Alligator Cracking, L&T Cracking, Weathering	7	4	57%
	DDNV	1	AAC	6/10/2024	69	59	40	1	Alligator Cracking, Depression, L&T Cracking, Weathering	8	4	50%
	DDNV	2	AAC	6/10/2024	53	67	33	0	Alligator Cracking, L&T Cracking, Raveling, Weathering	1	1	100%
	RDNV	2	PCC	6/11/2024	50	20	28	52	ASR, Corner Spalling, Joint Seal Damage, LTD Cracking, Shattered Slab	12	6	50%
	RDNV	3	APC	6/11/2024	62	100	0	0	L&T Cracking, Weathering	6	4	67%
	RDNV	4	PCC	6/11/2024	36	10	34	56	ASR, Corner Break, Faulting, Joint Spalling, Joint Seal Damage, Large Patch, LTD Cracking, Shattered Slab, Small Patch	12	6	50%

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						Climate/ Durability ²	Load ³	Other				
Vermilion Regional Airport	RDNV	5	APC	6/11/2024	53	100	0	0	Block Cracking, Joint Reflection Cracking, Weathering	2	2	100%
	RDNV	6	APC	6/11/2024	53	100	0	0	Block Cracking, Joint Reflection Cracking, Weathering	3	3	100%
	RDNV	7	APC	6/11/2024	54	100	0	0	Block Cracking, Joint Reflection Cracking, Weathering	6	4	67%
	RDNV	8	APC	6/11/2024	54	100	0	0	Block Cracking, Joint Reflection Cracking, Weathering	5	4	80%
	RDNV	9	APC	6/11/2024	33	73	25	2	Alligator Cracking, Depression, L&T Cracking, Patching, Weathering	4	3	75%
	RDNV	10	AAC	6/11/2024	12	57	39	4	Alligator Cracking, Block Cracking, Depression, Patching, Weathering	2	2	100%
	RDNV	11	AC	6/11/2024	45	82	18	0	Alligator Cracking, Block Cracking, L&T Cracking, Weathering	13	5	38%
	RDNV	12	APC	6/11/2024	59	100	0	0	Block Cracking, Joint Reflection Cracking	1	1	100%
	RDNV	1-1	APC	6/11/2024	100	0	0	0	No Distress	2	2	100%
	RDNV	1-2	APC	6/11/2024	60	100	0	0	L&T Cracking, Weathering	2	2	100%
	TH1DNV	1	AAC	6/11/2024	72	66	34	0	Alligator Cracking, L&T Cracking, Raveling, Weathering	1	1	100%
	TH1DNV	2	AAC	6/11/2024	74	42	58	0	Alligator Cracking, L&T Cracking, Rutting, Weathering	1	1	100%
	TH1DNV	3	AAC	6/11/2024	76	47	53	0	Alligator Cracking, L&T Cracking, Weathering	1	1	100%
	THDNV	1	AAC	6/11/2024	71	65	35	0	Alligator Cracking, L&T Cracking, Weathering	6	4	67%
	THDNV	2	AAC	6/11/2024	72	69	29	2	Alligator Cracking, Depression, L&T Cracking, Raveling, Weathering	3	3	100%
	THDNV	6	AC	6/11/2024	57	83	17	0	Alligator Cracking, L&T Cracking, Weathering	3	3	100%
	THDNV	7	AAC	6/11/2024	79	96	0	4	Depression, L&T Cracking, Weathering	3	3	100%
	THDNV	8	AC	6/11/2024	62	99	0	1	L&T Cracking, Raveling, Swelling, Weathering	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.