

IDOT Office of Intermodal Project Implementation – Aeronautics
Airport Pavement Management System
 Lewis University Airport, Romeoville
 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				
Lewis University Airport	2LOT	1	PCC	6/12/2024	90	46	0	54	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, Small Patch	136	17	13%
	2LOT	3	PCC	6/12/2024	90	32	9	59	ASR, Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking	36	12	33%
	9LOT	2	PFC	6/11/2024	81	100	0	0	L&T Cracking, Raveling	24	6	25%
	9LOT	3	PFC	6/11/2024	79	100	0	0	L&T Cracking, Raveling	18	5	28%
	9LOT	4	PFC	6/11/2024	85	100	0	0	L&T Cracking, Raveling	16	5	31%
	9LOT	5	PCC	6/12/2024	89	67	33	0	Joint Seal Damage, LTD Cracking, Shattered Slab	12	8	67%
	9LOT	6	PCC	6/12/2024	86	80	0	20	Corner Spalling, Faulting, Joint Seal Damage	6	4	67%
	9LOT	7	PFC	6/11/2024	80	100	0	0	L&T Cracking, Raveling	4	3	75%
	B1LOT	1	AC	6/11/2024	96	100	0	0	Weathering	2	2	100%
	BLOT	1	AC	6/11/2024	96	100	0	0	Weathering	8	4	50%
	BLOT	2	PCC	6/11/2024	100	0	0	0	No Distress	13	6	46%
	BLOT	3	AC	6/11/2024	95	100	0	0	L&T Cracking, Weathering	17	5	29%
	BLOT	4	PCC	6/11/2024	56	12	88	0	Corner Break, Joint Seal Damage, LTD Cracking, Shattered Slab	1	1	100%
	BLOT	5	PCC	6/12/2024	83	60	35	5	Corner Break, Corner Spalling, Joint Seal Damage, LTD Cracking	4	3	75%
	BLOT	6	PCC	6/12/2024	95	100	0	0	Joint Seal Damage	3	3	100%
	BLOT	7	PCC	6/11/2024	97	53	0	47	Faulting, Joint Spalling, Joint Seal Damage	18	7	39%
	CLOT	1	PCC	6/12/2024	76	37	0	63	Faulting, Joint Spalling, Joint Seal Damage, Small Patch	3	3	100%
	CLOT	2	AC	6/11/2024	63	100	0	0	L&T Cracking, Raveling, Weathering	1	1	100%
	CLOT	3	PCC	6/11/2024	88	14	69	17	Corner Break, Faulting, Joint Seal Damage, LTD Cracking	2	2	100%
	DLOT	4	AC	6/11/2024	92	100	0	0	L&T Cracking, Weathering	2	2	100%
	ELOT	1	AAC	6/12/2024	99	100	0	0	Weathering	1	1	100%
	FLOT	1	AC	6/11/2024	90	100	0	0	L&T Cracking, Weathering	3	3	100%
	G1LOT	1	PCC	6/12/2024	80	45	0	55	Faulting, Joint Spalling, Joint Seal Damage	4	3	75%
	G2LOT	1	PCC	6/12/2024	91	78	0	22	ASR, Joint Seal Damage	4	3	75%
	GLOT	1	PCC	6/12/2024	88	46	17	37	Faulting, Joint Spalling, Joint Seal Damage, Large Patch, LTD Cracking, Shrinkage Cracking, Small Patch	45	8	18%
	GLOT	2	PCC	6/12/2024	83	35	0	65	Corner Spalling, Faulting, Joint Seal Damage	6	4	67%
	GLOT	3	PCC	6/12/2024	91	67	0	33	Corner Spalling, Joint Seal Damage, Small Patch	13	6	46%
	GLOT	4	PCC	6/12/2024	97	65	35	0	Joint Seal Damage, LTD Cracking	14	6	43%
	GLOT	5	PCC	6/12/2024	91	62	0	38	Faulting, Joint Spalling, Joint Seal Damage	6	4	67%

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						Climate/ Durability ²	Load ³	Other				
Lewis University Airport	GLOT	6	PCC	6/12/2024	89	92	0	8	Faulting, Joint Seal Damage, Shrinkage Cracking	5	4	80%
	GLOT	7	PCC	6/12/2024	89	58	0	42	Faulting, Joint Seal Damage	5	4	80%
	HLOT	1	PCC	6/12/2024	88	53	0	47	Corner Spalling, Joint Spalling, Joint Seal Damage, Scaling	4	3	75%
	JLOT	1	PCC	6/12/2024	80	56	0	44	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage	4	3	75%
	KLOT	1	PCC	6/12/2024	82	60	0	40	Faulting, Joint Spalling, Joint Seal Damage	4	3	75%
	LLOT	1	PCC	6/12/2024	83	32	0	68	Faulting, Joint Spalling, Joint Seal Damage	4	3	75%
	N1LOT	1	AC	6/11/2024	88	100	0	0	L&T Cracking, Weathering	2	2	100%
	N2LOT	1	AC	6/11/2024	79	100	0	0	L&T Cracking, Weathering	1	1	100%
	RLOT	2	PCC	6/13/2024	72	27	52	21	Corner Break, Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking, Shattered Slab, Small Patch	15	6	40%
	RLOT	3	PCC	6/13/2024	75	33	15	52	Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking, Small Patch	24	7	29%
	RLOT	4	PCC	6/13/2024	75	39	26	35	Faulting, Joint Spalling, Joint Seal Damage, LTD Cracking, Shrinkage Cracking, Small Patch	15	6	40%
	RLOT	5	PCC	6/13/2024	87	78	5	17	Corner Break, Corner Spalling, Faulting, Joint Spalling, Joint Seal Damage, Shrinkage Cracking, Small Patch	66	9	14%
	RLOT	6	PCC	6/13/2024	82	62	0	38	Faulting, Joint Seal Damage	4	3	75%
	RLOT	7	AC	6/11/2024	38	83	16	1	Alligator Cracking, Block Cracking, Depression, L&T Cracking, Patching, Raveling, Weathering	7	4	57%
	RLOT	8	AC	6/11/2024	35	80	20	0	Alligator Cracking, Block Cracking, L&T Cracking, Raveling, Weathering	14	5	36%
	RLOT	9	PCC	6/11/2024	42	7	6	87	ASR, Corner Break, Joint Seal Damage	4	3	75%
	RLOT	11	AC	6/12/2024	83	100	0	0	L&T Cracking, Weathering	18	5	28%
	THLOT	1	PCC	6/12/2024	77	38	0	62	Faulting, Joint Spalling, Joint Seal Damage	2	2	100%
	THLOT	2	AC	6/11/2024	100	0	0	0	No Distress	3	3	100%
	THLOT	3	AC	6/12/2024	34	71	29	0	Alligator Cracking, Block Cracking, L&T Cracking, Raveling, Rutting, Weathering	5	3	60%
	THLOT	4	AC	6/12/2024	43	73	27	0	Alligator Cracking, Block Cracking, L&T Cracking, Raveling, Weathering	5	4	80%
	THLOT	6	AC	6/11/2024	34	100	0	0	Block Cracking, L&T Cracking, Raveling, Weathering	3	3	100%
	THLOT	7	AC	6/11/2024	39	100	0	0	Block Cracking, L&T Cracking, Raveling, Weathering	3	3	100%
	THLOT	8	AC	6/12/2024	80	100	0	0	L&T Cracking, Weathering	4	3	75%

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						Climate/ Durability ²	Load ³	Other				
Lewis University Airport	THLOT	2-1	AC	6/12/2024	84	100	0	0	L&T Cracking, Weathering	7	4	57%
	THLOT	2-2	AC	6/11/2024	100	0	0	0	No Distress	10	5	50%
	THLOT	3-1	AC	6/12/2024	33	88	12	0	Alligator Cracking, Block Cracking, L&T Cracking, Raveling, Weathering	3	3	100%
	THLOT	3-2	AC	6/12/2024	36	77	23	0	Alligator Cracking, L&T Cracking, Raveling, Weathering	3	3	100%
	THLOT	3-3	AC	6/12/2024	39	82	18	0	Alligator Cracking, L&T Cracking, Raveling, Weathering	3	3	100%
	THLOT	3-4	AC	6/12/2024	22	72	28	0	Alligator Cracking, Block Cracking, L&T Cracking, Patching, Raveling, Weathering	2	2	100%
	THLOT	3-5	AAC	6/12/2024	40	57	43	0	Alligator Cracking, L&T Cracking, Weathering	2	2	100%
	TLOT	1	AC	6/12/2024	45	81	19	0	Alligator Cracking, L&T Cracking, Raveling, Weathering	1	1	100%
	TWTHLOT	1	AC	6/11/2024	45	84	16	0	Alligator Cracking, Block Cracking, L&T Cracking, Weathering	6	4	67%
	TWTHLOT	2	AC	6/11/2024	38	87	13	0	Alligator Cracking, Block Cracking, L&T Cracking, Raveling, Weathering	9	4	44%

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.