

**IDOT Office of Intermodal Project Implementation – Aeronautics**  
**Airport Pavement Management System**  
Vandalia Municipal Airport, Vandalia  
2025 PCI Summary Information

| Airport Name               | Branch ID | Section ID | Surface Type <sup>1</sup> | Inspection Date | 2025 PCI | Percent of Distress Due to:         |                   |                    | Type of Distresses <sup>5</sup>                                 | Total No. of Samples | No. Samples Inspected | Percent Samples Inspected <sup>6</sup> |
|----------------------------|-----------|------------|---------------------------|-----------------|----------|-------------------------------------|-------------------|--------------------|-----------------------------------------------------------------|----------------------|-----------------------|----------------------------------------|
|                            |           |            |                           |                 |          | Climate/<br>Durability <sup>2</sup> | Load <sup>3</sup> | Other <sup>4</sup> |                                                                 |                      |                       |                                        |
| Vandalia Municipal Airport | 18VLA     | 1          | PFC                       | 7/11/2025       | 62       | 100                                 | 0                 | 0                  | L&T Cracking, Raveling                                          | 47                   | 7                     | 15%                                    |
|                            | 18VLA     | 2          | PFC                       | 7/11/2025       | 56       | 100                                 | 0                 | 0                  | L&T Cracking, Raveling                                          | 3                    | 3                     | 100%                                   |
|                            | 18VLA     | 3          | PFC                       | 7/11/2025       | 44       | 90                                  | 0                 | 10                 | L&T Cracking, Raveling, Swelling                                | 2                    | 2                     | 100%                                   |
|                            | 18VLA     | 4          | PFC                       | 7/11/2025       | 61       | 100                                 | 0                 | 0                  | L&T Cracking, Raveling                                          | 20                   | 5                     | 25%                                    |
|                            | 9VLA      | 1          | AAC                       | 9/2/2025        | 100      | 0                                   | 0                 | 0                  | No Distress                                                     | 10                   | 5                     | 50%                                    |
|                            | 9VLA      | 2          | AAC                       | 9/2/2025        | 100      | 0                                   | 0                 | 0                  | No Distress                                                     | 28                   | 6                     | 21%                                    |
|                            | A1VLA     | 1          | AAC                       | 7/11/2025       | 53       | 100                                 | 0                 | 0                  | L&T Cracking, Weathering                                        | 1                    | 1                     | 100%                                   |
|                            | A2VLA     | 1          | AAC                       | 7/11/2025       | 56       | 100                                 | 0                 | 0                  | L&T Cracking, Weathering                                        | 1                    | 1                     | 100%                                   |
|                            | AVLA      | 1          | AAC                       | 7/11/2025       | 59       | 100                                 | 0                 | 0                  | L&T Cracking, Raveling, Weathering                              | 5                    | 4                     | 80%                                    |
|                            | RVLA      | 1          | AAC                       | 7/11/2025       | 58       | 100                                 | 0                 | 0                  | L&T Cracking, Weathering                                        | 3                    | 3                     | 100%                                   |
|                            | RVLA      | 2          | AAC                       | 7/11/2025       | 54       | 100                                 | 0                 | 0                  | L&T Cracking, Weathering                                        | 6                    | 4                     | 67%                                    |
|                            | RVLA      | 3          | AAC                       | 7/11/2025       | 55       | 100                                 | 0                 | 0                  | L&T Cracking, Weathering                                        | 8                    | 4                     | 50%                                    |
|                            | RVLA      | 4          | AAC                       | 7/11/2025       | 61       | 100                                 | 0                 | 0                  | L&T Cracking, Weathering                                        | 1                    | 1                     | 100%                                   |
|                            | RVLA      | 5          | AAC                       | 7/11/2025       | 61       | 100                                 | 0                 | 0                  | L&T Cracking, Weathering                                        | 2                    | 2                     | 100%                                   |
|                            | THVLA     | 1          | AAC                       | 7/11/2025       | 39       | 48                                  | 52                | 0                  | Alligator Cracking, L&T Cracking, Raveling, Rutting, Weathering | 4                    | 3                     | 75%                                    |
|                            | THVLA     | 2          | AC                        | 7/11/2025       | 76       | 100                                 | 0                 | 0                  | L&T Cracking, Weathering                                        | 6                    | 4                     | 67%                                    |
|                            | THVLA     | 1-1        | AAC                       | 7/11/2025       | 49       | 90                                  | 10                | 0                  | Alligator Cracking, L&T Cracking, Patching, Weathering          | 2                    | 2                     | 100%                                   |
|                            | THVLA     | 1-2        | AAC                       | 7/11/2025       | 75       | 100                                 | 0                 | 0                  | L&T Cracking, Weathering                                        | 2                    | 2                     | 100%                                   |
|                            | THVLA     | 1-3        | AC                        | 7/11/2025       | 52       | 100                                 | 0                 | 0                  | L&T Cracking, Patching, Raveling, Weathering                    | 2                    | 2                     | 100%                                   |

NOTES:

<sup>1</sup> Surface Type: AC = asphalt cement concrete; AAC = asphalt overlay on AC; PFC = porous friction course; PCC = portland cement concrete; APC = asphalt overlay on PCC.

<sup>2</sup> 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-surfaced pavements) or to a materials-related problem (such as durability cracking or alkali-silica reaction [ASR] on a PCC pavement). If materials-related distresses were recorded during the inspection, further laboratory testing is required to definitively determine the type present.

<sup>3</sup> Distresses due to load include those distresses attributed to a structural deficiency in the pavement, such as alligator cracking or rutting on asphalt-surfaced pavement or shattered concrete slabs on a PCC pavement.

<sup>4</sup> Distresses due to other refers to distresses not attributed to one factor but rather what may be caused by a combination of factors.

<sup>5</sup> Distress types are defined by ASTM D5340. L&T Cracking = Longitudinal and Transverse Cracking; LTD Cracking = Longitudinal, Transverse, and Diagonal Cracking; ASR = Alkali-Silica Reaction.

<sup>6</sup> Percent Samples Inspected is calculated by dividing the No. Samples Inspected by the Total No. of Samples.