

**IDOT Office of Intermodal Project Implementation – Aeronautics**  
**Airport Pavement Management System**  
Centralia Municipal Airport, Centralia  
2024 PCI Summary Information

| Airport Name                | Branch ID | Section ID | Surface Type <sup>1</sup> | Inspection Date | 2024 PCI | Percent of Distress Due to:         |                   |       | Type of Distresses <sup>4</sup>                                                                        | Total No. of Samples | No. Samples Inspected | Percent Samples Inspected <sup>5</sup> |
|-----------------------------|-----------|------------|---------------------------|-----------------|----------|-------------------------------------|-------------------|-------|--------------------------------------------------------------------------------------------------------|----------------------|-----------------------|----------------------------------------|
|                             |           |            |                           |                 |          | Climate/<br>Durability <sup>2</sup> | Load <sup>3</sup> | Other |                                                                                                        |                      |                       |                                        |
| Centralia Municipal Airport | 18ENL     | 1          | AAC                       | 7/24/2024       | 49       | 100                                 | 0                 | 0     | Block Cracking, L&T Cracking, Weathering <sup>6</sup>                                                  | 16                   | 5                     | 31%                                    |
|                             | 18ENL     | 2          | AAC                       | 7/24/2024       | 41       | 100                                 | 0                 | 0     | Block Cracking, L&T Cracking, Weathering                                                               | 22                   | 6                     | 27%                                    |
|                             | 18ENL     | 3          | AAC                       | 7/24/2024       | 48       | 100                                 | 0                 | 0     | Block Cracking, L&T Cracking, Raveling, Weathering                                                     | 10                   | 5                     | 50%                                    |
|                             | 18ENL     | 4          | AAC                       | 7/24/2024       | 58       | 100                                 | 0                 | 0     | L&T Cracking, Weathering                                                                               | 12                   | 5                     | 42%                                    |
|                             | 18ENL     | 5          | AAC                       | 7/24/2024       | 54       | 100                                 | 0                 | 0     | L&T Cracking, Raveling, Weathering                                                                     | 4                    | 3                     | 75%                                    |
|                             | 9ENL      | 1          | AC                        | 7/24/2024       | 56       | 100                                 | 0                 | 0     | L&T Cracking, Raveling, Weathering                                                                     | 12                   | 5                     | 42%                                    |
|                             | 9ENL      | 2          | AC                        | 7/24/2024       | 53       | 83                                  | 17                | 0     | L&T Cracking, Rutting, Weathering <sup>6</sup>                                                         | 2                    | 2                     | 100%                                   |
|                             | 9ENL      | 3          | AC                        | 7/24/2024       | 52       | 100                                 | 0                 | 0     | L&T Cracking, Raveling, Weathering <sup>6</sup>                                                        | 26                   | 6                     | 23%                                    |
|                             | A1ENL     | 1          | AAC                       | 7/24/2024       | 33       | 100                                 | 0                 | 0     | Block Cracking, Patching, Weathering                                                                   | 1                    | 1                     | 100%                                   |
|                             | AENL      | 1          | AAC                       | 7/24/2024       | 47       | 100                                 | 0                 | 0     | Block Cracking, L&T Cracking, Raveling, Weathering                                                     | 20                   | 5                     | 25%                                    |
|                             | AENL      | 2          | AAC                       | 7/24/2024       | 49       | 87                                  | 13                | 0     | Alligator Cracking, Block Cracking, L&T Cracking, Weathering                                           | 2                    | 2                     | 100%                                   |
|                             | AENL      | 3          | AAC                       | 7/24/2024       | 46       | 88                                  | 12                | 0     | Alligator Cracking, Block Cracking, L&T Cracking, Patching, Weathering                                 | 8                    | 5                     | 63%                                    |
|                             | AENL      | 4          | AAC                       | 7/25/2024       | 40       | 76                                  | 24                | 0     | Alligator Cracking, L&T Cracking, Raveling, Weathering                                                 | 7                    | 4                     | 57%                                    |
|                             | AENL      | 5          | AAC                       | 7/24/2024       | 52       | 100                                 | 0                 | 0     | L&T Cracking, Weathering                                                                               | 2                    | 2                     | 100%                                   |
|                             | AENL      | 6          | AAC                       | 7/24/2024       | 52       | 100                                 | 0                 | 0     | L&T Cracking, Weathering <sup>6</sup>                                                                  | 1                    | 1                     | 100%                                   |
|                             | BENL      | 1          | AC                        | 7/25/2024       | 67       | 100                                 | 0                 | 0     | L&T Cracking, Raveling, Weathering <sup>6</sup>                                                        | 2                    | 2                     | 100%                                   |
|                             | RENL      | 1          | PCC                       | 7/25/2024       | 66       | 29                                  | 12                | 59    | ASR, Corner Spalling, Joint Spalling, Joint Seal Damage, LTD Cracking, Shrinkage Cracking, Small Patch | 25                   | 7                     | 28%                                    |
|                             | RENL      | 2          | AAC                       | 7/25/2024       | 56       | 88                                  | 0                 | 12    | L&T Cracking, Raveling, Swelling, Weathering                                                           | 3                    | 3                     | 100%                                   |
|                             | RENL      | 3          | AAC                       | 7/25/2024       | 43       | 91                                  | 0                 | 9     | Block Cracking, L&T Cracking, Oil Spillage, Patching, Swelling, Weathering                             | 14                   | 5                     | 36%                                    |
|                             | THENL     | 1          | AAC                       | 7/25/2024       | 35       | 100                                 | 0                 | 0     | L&T Cracking, Raveling                                                                                 | 2                    | 2                     | 100%                                   |
|                             | THENL     | 2          | AC                        | 7/25/2024       | 33       | 100                                 | 0                 | 0     | L&T Cracking, Raveling                                                                                 | 2                    | 2                     | 100%                                   |
|                             | THENL     | 3          | AAC                       | 7/25/2024       | 32       | 76                                  | 22                | 2     | Alligator Cracking, Block Cracking, Depression, Patching, Weathering                                   | 2                    | 2                     | 100%                                   |
|                             | THENL     | 4          | AAC                       | 7/25/2024       | 42       | 88                                  | 0                 | 12    | Block Cracking, Depression, Weathering                                                                 | 3                    | 3                     | 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 pavements) or to a materials-related problem (such as durability cracking on a PCC pavement).

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

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<sup>4</sup> L&T Cracking = Longitudinal and Transverse Cracking; LTD Cracking = Longitudinal, Transverse, and Diagonal Cracking; ASR = Alkali-Silica Reaction.

<sup>5</sup> Percent Samples Inspected is calculated by dividing the No. Samples Inspected by the Total No. of Samples.

<sup>6</sup> Bleeding was observed in this section but was not used in the PCI calculation at IDOT's request.