

RESULTS

Using the data collected during the visual inspection, the Micro PAVER software was used to calculate an area-weighted average Pavement Condition Index (PCI) for each pavement section inspected using the sample units evaluated. Using each section’s PCI, a Pavement Condition Rating (PCR) was assigned. The PCIs measured during this inspection are shown in Table 1. The table also contains PCIs from past inspections as well as projected PCIs for 2020 and 2025. The projections were based on pavement deterioration models developed by Micro PAVER using the inspection data from other pavements in the same airport category as your airport, located in the same climatic region, and with the same surface type and use.

The Branch Condition Report in Appendix 1 summarizes current pavement condition by branch while the Section Condition Report in Appendix 2 lists pavement condition by section. The current PCR is shown graphically in Figure SA-3.

Table 1. Past, Present and Future Pavement Condition Indices.

| Branch | Section | Inspections | | | Forecast | |
|--------|---------|-------------|------|------|----------|------|
| | | 2008 | 2012 | 2015 | 2020 | 2025 |
| A01SA | 1 | 70 | 54 | 49 | 46 | 43 |
| A02SA | 1 | 89 | 90 | 90 | 84 | 82 |
| A03SA | 1 | 100 | 97 | 89 | 66 | 45 |
| A04SA | 1 | 97 | 98 | 92 | 76 | 54 |
| A05SA | 1 | 99 | 95 | 89 | 80 | 71 |
| A06SA | 1 | 29 | 55 | 53 | 49 | 45 |
| AH16SA | 1 | 77 | 75 | 75 | 67 | 60 |
| AH34SA | 1 | 92 | 93 | 78 | 58 | 36 |
| ASACSA | 1 | 19 | 27 | 20 | 18 | 17 |
| ATS2SA | 1 | 59 | 52 | 67 | 60 | 55 |
| R13SA | 01A | 96 | 84 | 74 | 57 | 46 |
| R13SA | 01B | 96 | 76 | 61 | 50 | 38 |
| R13SA | 01C | 97 | 85 | 74 | 57 | 46 |
| R13SA | 02A | 83 | 82 | 66 | 53 | 41 |
| R13SA | 02B | 76 | 74 | 66 | 53 | 41 |
| R13SA | 02C | 84 | 82 | 75 | 58 | 47 |
| R13SA | 03A | 95 | 84 | 74 | 57 | 46 |
| R13SA | 03B | 97 | 78 | 59 | 48 | 37 |
| R13SA | 03C | 96 | 82 | 68 | 53 | 42 |
| R16SA | 1 | 88 | 88 | 85 | 83 | 74 |
| R16SA | 2 | 85 | 62 | 54 | 44 | 33 |
| R16SA | 3 | 91 | 85 | 73 | 56 | 46 |
| T01SA | 1 | 61 | 61 | 85 | 78 | 74 |
| T02SA | 1 | 40 | 51 | 59 | 39 | 20 |