FLORIDA DEPARTMENT OF TRANSPORTATION
AVIATION AND SPACEPORTS OFFICE

# Statewide Airfield Pavement Management Program

## Airport Pavement Evaluation Report

**November 2019**

FDOT

**Orlando Executive Airport (ORL)**
Reliever Airport
District 5

OFFICE OF FREIGHT, LOGISTICS & PASSENGER OPERATIONS

*Florida Department of Transportation*

# Statewide Airfield Pavement Management Program

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OFFICE OF FREIGHT, LOGISTICS & PASSENGER OPERATIONS

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# Executive Summary

## Program Background

Airport airfield pavement infrastructure facilities represent a large capital investment in the Florida Airport System. Timely and appropriate maintenance and strategic rehabilitation are essential as repair costs increase significantly in proportion to deterioration. Airport pavement distresses can also contribute to the development of loose debris and decreased ride quality, which can be a safety concern for aircraft operations.

In 2016, the Florida Department of Transportation (FDOT) Aviation and Spaceports Office (ASO) selected Kimley-Horn and Associates, Inc. with subconsultants Airfield Pavement Management Systems, LLC and AVCON, Inc. to provide professional services in support of FDOT in the continued efforts of performing a system update to the Statewide Airfield Pavement Management Program (SAPMP). This work is to be completed from fiscal year 2016 through fiscal year 2019. The SAPMP has 95 public use airport facilities throughout the seven FDOT Districts that participate in the system update. The results of this system update for this specific airport are presented in this report and can be utilized by FDOT and the Federal Aviation Administration (FAA) to identify, prioritize, and schedule pavement maintenance, repair, and major rehabilitation projects.

Pavement condition was assessed utilizing the pavement condition index (PCI) methodology as defined in the FAA Advisory Circular ***150/5380-7B "Airport Pavement Management Program (PMP)"*** using the documented procedures set forth by ASTM ***D5340-12*** "***Standard Test Method for Airport Pavement Condition Index Surveys."***

Pavement deterioration, in accordance with the ASTM D5340-12, was characterized in terms of distinct distress types, severity level of distress, and quantity of distress. This information is utilized to calculate a PCI numeric that represents the overall condition of the pavement in a numeric index that ranges from 0 (a condition category of FAILED) to 100 (GOOD). The PCI methodology analyzes an overall measure of the pavement condition and provides an indication of the degree of maintenance, repair, or rehabilitation efforts that will be required to sustain functional pavement.

The tasks required for the system update at each participating airport consist of the following:

- Obtain recent and anticipated airfield pavement construction work data.
- Update airport airfield pavement system inventory records (construction history, identification, geometry, and facility classification).
- Perform PCI Survey Inspections at each participating airport.
- Update the FDOT SAPMP PAVER™ database system.
- Update the FDOT SAPMP GIS Airfield Navigation GPS enabled Maps.
- Update airfield pavement performance models and pavement condition forecasting.
- Identification of planning-level maintenance, repair, and major rehabilitation to address pavement needs based on functional PCI analysis.
- Development of planning-level opinion of probable construction costs for pavement rehabilitation.

# Summary of Results

## *Pavement Condition Index (Latest Inspection)*

***Table E-1 Pavement Condition Index Summary (Last Inspection) – Section Level***

| Network ID | Branch Name | Branch Use | Section ID | Area (SF) | PCI | Condition Rating |
|---|---|---|---|---|---|---|
| ORL | RUNWAY 7-25 | RUNWAY | 6105 | 600,500 | 63 | Fair |
| ORL | RUNWAY 7-25 | RUNWAY | 6110 | 300,250 | 64 | Fair |
| ORL | RUNWAY 13-31 | RUNWAY | 6205 | 445,836 | 66 | Fair |
| ORL | TAXIWAY A | TAXIWAY | 104 | 11,949 | 66 | Fair |
| ORL | TAXIWAY A | TAXIWAY | 114 | 12,579 | 78 | Satisfactory |
| ORL | TAXIWAY A | TAXIWAY | 115 | 31,644 | 56 | Fair |
| ORL | TAXIWAY A | TAXIWAY | 116 | 11,579 | 63 | Fair |
| ORL | TAXIWAY A | TAXIWAY | 117 | 22,912 | 62 | Fair |
| ORL | TAXIWAY A | TAXIWAY | 118 | 12,843 | 94 | Good |
| ORL | TAXIWAY A | TAXIWAY | 119 | 8,568 | 89 | Good |
| ORL | TAXIWAY A | TAXIWAY | 125 | 257,040 | 67 | Fair |
| ORL | TAXIWAY A | TAXIWAY | 150 | 60,358 | 57 | Fair |
| ORL | TAXIWAY A1 | TAXIWAY | 111 | 15,537 | 77 | Satisfactory |
| ORL | TAXIWAY A1 | TAXIWAY | 112 | 14,428 | 57 | Fair |
| ORL | TAXIWAY A2 | TAXIWAY | 120 | 30,935 | 65 | Fair |
| ORL | TAXIWAY A3 | TAXIWAY | 130 | 56,163 | 67 | Fair |
| ORL | TAXIWAY A4 | TAXIWAY | 140 | 15,668 | 63 | Fair |
| ORL | TAXIWAY A5 | TAXIWAY | 405 | 37,049 | 65 | Fair |
| ORL | TAXIWAY A5 | TAXIWAY | 425 | 9,443 | 71 | Satisfactory |
| ORL | TAXIWAY A6 | TAXIWAY | 113 | 26,953 | 72 | Satisfactory |
| ORL | TAXIWAY B | TAXIWAY | 102 | 6,388 | 48 | Poor |
| ORL | TAXIWAY B | TAXIWAY | 103 | 57,000 | 55 | Poor |
| ORL | TAXIWAY B | TAXIWAY | 105 | 30,470 | 87 | Good |
| ORL | TAXIWAY E | TAXIWAY | 505 | 78,110 | 65 | Fair |
| ORL | TAXIWAY E | TAXIWAY | 530 | 46,191 | 93 | Good |
| ORL | TAXIWAY E | TAXIWAY | 540 | 21,326 | 94 | Good |
| ORL | TAXIWAY E | TAXIWAY | 545 | 9,618 | 88 | Good |
| ORL | TAXIWAY E | TAXIWAY | 550 | 52,982 | 91 | Good |
| ORL | TAXIWAY E1 | TAXIWAY | 501 | 5,073 | 50 | Poor |
| ORL | TAXIWAY E2 | TAXIWAY | 510 | 9,644 | 46 | Poor |
| ORL | TAXIWAY E2 | TAXIWAY | 512 | 2,687 | 61 | Fair |
| ORL | TAXIWAY E3 | TAXIWAY | 417 | 8,311 | 29 | Very Poor |
| ORL | TAXIWAY E3 | TAXIWAY | 420 | 36,384 | 50 | Poor |
| ORL | TAXIWAY E3 | TAXIWAY | 520 | 9,009 | 46 | Poor |

| Network ID | Branch Name | Branch Use | Section ID | Area (SF) | PCI | Condition Rating |
|---|---|---|---|---|---|---|
| ORL | TAXIWAY E3 | TAXIWAY | 522 | 2,133 | 48 | Poor |
| ORL | TAXIWAY E4 | TAXIWAY | 1070 | 130,837 | 50 | Poor |
| ORL | TAXIWAY E4 | TAXIWAY | 1080 | 8,393 | 56 | Fair |
| ORL | TAXIWAY E4 | TAXIWAY | 1105 | 6,580 | 70 | Fair |
| ORL | TAXIWAY E4 | TAXIWAY | 1110 | 20,682 | 94 | Good |
| ORL | TAXIWAY E5 | TAXIWAY | 560 | 5,540 | 65 | Fair |
| ORL | TAXIWAY E5 | TAXIWAY | 565 | 9,465 | 94 | Good |
| ORL | TAXIWAY E6 | TAXIWAY | 805 | 17,742 | 67 | Fair |
| ORL | TAXIWAY E6 | TAXIWAY | 820 | 11,139 | 94 | Good |
| ORL | TAXIWAY F | TAXIWAY | 605 | 54,815 | 45 | Poor |
| ORL | TAXIWAY G | TAXIWAY | 705 | 30,099 | 54 | Poor |
| ORL | TAXIWAY G | TAXIWAY | 710 | 9,812 | 55 | Poor |
| ORL | TAXIWAY H | TAXIWAY | 806 | 62,452 | 52 | Poor |
| ORL | TAXIWAY K | TAXIWAY | 610 | 27,266 | 70 | Fair |
| ORL | NORTH APRON | APRON | 4105 | 200,966 | 6 | Failed |
| ORL | NORTH APRON | APRON | 4125 | 140,429 | 5 | Failed |
| ORL | NORTH APRON | APRON | 4140 | 237,860 | 25 | Serious |
| ORL | NORTH APRON | APRON | 4145 | 122,500 | 34 | Very Poor |
| ORL | NORTH APRON | APRON | 4155 | 337,449 | 49 | Poor |
| ORL | NORTH APRON | APRON | 4158 | 125,584 | 6 | Failed |
| ORL | NORTH APRON | APRON | 4165 | 27,156 | 7 | Failed |
| ORL | NORTH APRON | APRON | 4166 | 22,635 | 89 | Good |
| ORL | NORTH APRON | APRON | 4167 | 28,916 | 12 | Serious |
| ORL | NORTH APRON | APRON | 4168 | 24,538 | 0 | Failed |
| ORL | NORTH APRON | APRON | 4169 | 72,939 | 86 | Good |
| ORL | NORTH APRON | APRON | 4170 | 84,878 | 67 | Fair |
| ORL | NORTH APRON | APRON | 4175 | 42,594 | 76 | Satisfactory |
| ORL | GA APRON | APRON | 4205 | 608,614 | 49 | Poor |
| ORL | GA APRON | APRON | 4230 | 23,614 | 61 | Fair |
| ORL | NE APRON | APRON | 4305 | 52,643 | 23 | Serious |
| ORL | NE APRON | APRON | 4312 | 8,541 | 59 | Fair |
| ORL | NE APRON | APRON | 4315 | 24,518 | 77 | Satisfactory |
| ORL | NE APRON | APRON | 4320 | 53,040 | 77 | Satisfactory |
| ORL | WEST APRON | APRON | 4605 | 34,600 | 64 | Fair |
| ORL | WEST APRON | APRON | 4610 | 260,825 | 45 | Poor |
| ORL | WEST APRON | APRON | 4640 | 157,964 | 100 | Good |
| ORL | WEST APRON | APRON | 4645 | 24,864 | 100 | Good |
| ORL | WEST APRON | APRON | 4650 | 115,747 | 50 | Poor |
| ORL | WEST APRON | APRON | 4665 | 8,833 | 100 | Good |

| Network ID | Branch Name | Branch Use | Section ID | Area (SF) | PCI | Condition Rating |
|---|---|---|---|---|---|---|
| ORL | WEST APRON | APRON | 4670 | 10,856 | 58 | Fair |
| ORL | WEST APRON | APRON | 4675 | 1,760 | 100 | Good |
| ORL | SE SEGMENT OF WEST APRON | APRON | 4805 | 129,830 | 67 | Fair |
| ORL | SE SEGMENT OF WEST APRON | APRON | 4810 | 79,530 | 77 | Satisfactory |
| ORL | RUN-UP APRONS | APRON | 5110 | 25,880 | 75 | Satisfactory |
| ORL | RUN-UP APRONS | APRON | 5115 | 36,282 | 74 | Satisfactory |
| ORL | RUN-UP APRONS | APRON | 5120 | 41,840 | 75 | Satisfactory |

## Forecasted Pavement Condition Index 2020-2029

*Table E-2 Pavement Condition Index Forecast 2020-2029*

| Network ID | Branch ID | Section ID | Last PCI | Forecasted PCI | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
| ORL | AP GA | 4205 | 49 | 48 | 47 | 46 | 45 | 44 | 43 | 41 | 40 | 39 | 38 |
| ORL | AP GA | 4230 | 61 | 60 | 59 | 58 | 57 | 56 | 56 | 55 | 54 | 54 | 53 |
| ORL | AP N | 4105 | 6 | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 2 | 2 |
| ORL | AP N | 4125 | 5 | 4 | 4 | 4 | 3 | 3 | 2 | 2 | 2 | 1 | 1 |
| ORL | AP N | 4140 | 25 | 24 | 24 | 24 | 23 | 23 | 22 | 22 | 22 | 21 | 21 |
| ORL | AP N | 4145 | 34 | 33 | 32 | 31 | 30 | 30 | 29 | 29 | 29 | 28 | 28 |
| ORL | AP N | 4155 | 49 | 48 | 47 | 46 | 45 | 44 | 43 | 41 | 40 | 39 | 38 |
| ORL | AP N | 4158 | 6 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ORL | AP N | 4165 | 7 | 6 | 6 | 6 | 5 | 5 | 4 | 4 | 4 | 3 | 3 |
| ORL | AP N | 4166 | 89 | 87 | 84 | 82 | 80 | 78 | 76 | 74 | 72 | 71 | 69 |
| ORL | AP N | 4167 | 12 | 11 | 11 | 11 | 10 | 10 | 9 | 9 | 9 | 8 | 8 |
| ORL | AP N | 4168 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ORL | AP N | 4169 | 86 | 84 | 82 | 79 | 77 | 75 | 74 | 72 | 70 | 69 | 67 |
| ORL | AP N | 4170 | 67 | 65 | 64 | 63 | 62 | 61 | 60 | 59 | 58 | 57 | 57 |
| ORL | AP N | 4175 | 76 | 74 | 72 | 71 | 69 | 67 | 66 | 65 | 64 | 62 | 61 |
| ORL | AP NE | 4305 | 23 | 22 | 22 | 22 | 21 | 21 | 20 | 20 | 20 | 19 | 19 |
| ORL | AP NE | 4312 | 59 | 58 | 57 | 56 | 56 | 55 | 54 | 53 | 53 | 52 | 51 |
| ORL | AP NE | 4315 | 77 | 75 | 73 | 70 | 68 | 66 | 64 | 62 | 60 | 57 | 55 |
| ORL | AP NE | 4320 | 77 | 75 | 73 | 70 | 68 | 66 | 64 | 62 | 60 | 57 | 55 |
| ORL | AP RU | 5110 | 75 | 73 | 71 | 70 | 68 | 67 | 65 | 64 | 63 | 62 | 61 |
| ORL | AP RU | 5115 | 74 | 72 | 70 | 69 | 67 | 66 | 65 | 63 | 62 | 61 | 60 |
| ORL | AP RU | 5120 | 75 | 73 | 71 | 70 | 68 | 67 | 65 | 64 | 63 | 62 | 61 |
| ORL | AP W | 4605 | 64 | 63 | 62 | 61 | 60 | 59 | 58 | 57 | 56 | 56 | 55 |
| ORL | AP W | 4610 | 45 | 44 | 42 | 41 | 40 | 39 | 38 | 37 | 35 | 34 | 33 |
| ORL | AP W | 4640 | 100 | 98 | 96 | 93 | 91 | 89 | 87 | 85 | 82 | 80 | 78 |
| ORL | AP W | 4645 | 100 | 95 | 93 | 91 | 88 | 86 | 84 | 82 | 80 | 78 | 75 |
| ORL | AP W | 4650 | 50 | 49 | 48 | 47 | 46 | 45 | 44 | 43 | 42 | 40 | 39 |
| ORL | AP W | 4665 | 100 | 99 | 97 | 96 | 95 | 94 | 92 | 91 | 90 | 89 | 87 |
| ORL | AP W | 4670 | 58 | 57 | 56 | 55 | 55 | 54 | 53 | 53 | 52 | 51 | 50 |
| ORL | AP W | 4675 | 100 | 98 | 97 | 96 | 95 | 93 | 92 | 91 | 90 | 88 | 87 |
| ORL | AP W SEGM | 4805 | 67 | 65 | 63 | 60 | 58 | 56 | 54 | 52 | 50 | 47 | 45 |
| ORL | AP W SEGM | 4810 | 77 | 75 | 73 | 70 | 68 | 66 | 64 | 62 | 60 | 57 | 55 |
| ORL | RW 13-31 | 6205 | 66 | 65 | 65 | 64 | 63 | 63 | 62 | 61 | 60 | 58 | 57 |
| ORL | RW 7-25 | 6105 | 63 | 62 | 61 | 61 | 60 | 59 | 59 | 58 | 57 | 57 | 56 |
| ORL | RW 7-25 | 6110 | 64 | 63 | 62 | 61 | 61 | 60 | 59 | 59 | 58 | 57 | 57 |

| Network ID | Branch ID | Section ID | Last PCI | Forecasted PCI | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
| ORL | TW A | 104 | 66 | 65 | 63 | 62 | 61 | 60 | 59 | 58 | 57 | 56 | 55 |
| ORL | TW A | 114 | 78 | 76 | 75 | 74 | 72 | 71 | 70 | 68 | 67 | 66 | 65 |
| ORL | TW A | 115 | 56 | 55 | 54 | 53 | 52 | 51 | 50 | 49 | 48 | 47 | 47 |
| ORL | TW A | 116 | 63 | 62 | 60 | 59 | 58 | 57 | 56 | 55 | 54 | 53 | 52 |
| ORL | TW A | 117 | 62 | 61 | 59 | 58 | 57 | 56 | 55 | 54 | 53 | 52 | 51 |
| ORL | TW A | 118 | 94 | 92 | 90 | 88 | 86 | 84 | 82 | 80 | 79 | 77 | 76 |
| ORL | TW A | 119 | 89 | 87 | 85 | 83 | 81 | 80 | 78 | 77 | 75 | 74 | 73 |
| ORL | TW A | 125 | 67 | 66 | 65 | 64 | 63 | 62 | 61 | 61 | 60 | 59 | 58 |
| ORL | TW A | 150 | 57 | 56 | 55 | 54 | 53 | 52 | 51 | 50 | 49 | 48 | 47 |
| ORL | TW A1 | 111 | 77 | 75 | 74 | 73 | 72 | 70 | 69 | 68 | 67 | 66 | 65 |
| ORL | TW A1 | 112 | 57 | 56 | 55 | 54 | 53 | 52 | 51 | 50 | 49 | 48 | 47 |
| ORL | TW A2 | 120 | 65 | 64 | 63 | 62 | 61 | 60 | 60 | 59 | 58 | 57 | 56 |
| ORL | TW A3 | 130 | 67 | 66 | 65 | 64 | 63 | 62 | 61 | 61 | 60 | 59 | 58 |
| ORL | TW A4 | 140 | 63 | 62 | 60 | 59 | 58 | 57 | 56 | 55 | 54 | 53 | 52 |
| ORL | TW A5 | 405 | 65 | 64 | 63 | 62 | 61 | 60 | 60 | 59 | 58 | 57 | 56 |
| ORL | TW A5 | 425 | 71 | 70 | 69 | 67 | 66 | 66 | 65 | 64 | 63 | 62 | 61 |
| ORL | TW A6 | 113 | 72 | 70 | 69 | 68 | 67 | 65 | 64 | 63 | 62 | 61 | 60 |
| ORL | TW B | 102 | 48 | 47 | 46 | 45 | 45 | 44 | 43 | 42 | 42 | 41 | 41 |
| ORL | TW B | 103 | 55 | 54 | 53 | 52 | 51 | 50 | 49 | 48 | 47 | 46 | 44 |
| ORL | TW B | 105 | 87 | 85 | 83 | 81 | 80 | 78 | 77 | 75 | 74 | 73 | 72 |
| ORL | TW E | 505 | 65 | 64 | 62 | 61 | 60 | 59 | 58 | 57 | 56 | 55 | 54 |
| ORL | TW E | 530 | 93 | 91 | 89 | 87 | 85 | 83 | 81 | 80 | 78 | 77 | 75 |
| ORL | TW E | 540 | 94 | 92 | 90 | 88 | 86 | 84 | 82 | 80 | 79 | 77 | 76 |
| ORL | TW E | 545 | 88 | 86 | 84 | 82 | 81 | 79 | 78 | 76 | 75 | 73 | 72 |
| ORL | TW E | 550 | 91 | 89 | 87 | 85 | 83 | 81 | 80 | 78 | 77 | 75 | 74 |
| ORL | TW E1 | 501 | 50 | 49 | 48 | 47 | 46 | 46 | 45 | 44 | 43 | 43 | 42 |
| ORL | TW E2 | 510 | 46 | 45 | 44 | 43 | 43 | 42 | 42 | 41 | 40 | 40 | 39 |
| ORL | TW E2 | 512 | 61 | 60 | 58 | 57 | 56 | 55 | 54 | 53 | 52 | 52 | 51 |
| ORL | TW E3 | 417 | 29 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| ORL | TW E3 | 420 | 50 | 49 | 48 | 47 | 46 | 46 | 45 | 44 | 43 | 43 | 42 |
| ORL | TW E3 | 520 | 46 | 45 | 44 | 43 | 43 | 42 | 42 | 41 | 40 | 40 | 39 |
| ORL | TW E3 | 522 | 48 | 47 | 46 | 45 | 45 | 44 | 43 | 42 | 42 | 41 | 41 |
| ORL | TW E4 | 1070 | 50 | 49 | 48 | 46 | 45 | 44 | 43 | 41 | 40 | 38 | 36 |
| ORL | TW E4 | 1080 | 56 | 55 | 54 | 53 | 52 | 51 | 50 | 49 | 48 | 47 | 46 |
| ORL | TW E4 | 1105 | 70 | 68 | 67 | 66 | 65 | 64 | 62 | 61 | 60 | 59 | 58 |
| ORL | TW E4 | 1110 | 94 | 92 | 90 | 88 | 86 | 84 | 82 | 80 | 79 | 77 | 76 |
| ORL | TW E5 | 560 | 65 | 64 | 62 | 61 | 60 | 59 | 58 | 57 | 56 | 55 | 54 |
| ORL | TW E5 | 565 | 94 | 92 | 90 | 88 | 86 | 84 | 82 | 80 | 79 | 77 | 76 |

| Network ID | Branch ID | Section ID | Last PCI | Forecasted PCI | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
| ORL | TW E6 | 805 | 67 | 65 | 64 | 63 | 62 | 61 | 60 | 59 | 58 | 56 | 55 |
| ORL | TW E6 | 820 | 94 | 92 | 90 | 89 | 87 | 86 | 84 | 83 | 81 | 80 | 78 |
| ORL | TW F | 605 | 45 | 44 | 43 | 43 | 42 | 41 | 41 | 40 | 40 | 39 | 39 |
| ORL | TW G | 705 | 54 | 53 | 52 | 51 | 50 | 49 | 48 | 47 | 47 | 46 | 45 |
| ORL | TW G | 710 | 55 | 54 | 53 | 52 | 51 | 50 | 49 | 48 | 47 | 47 | 46 |
| ORL | TW H | 806 | 52 | 51 | 50 | 49 | 48 | 47 | 47 | 46 | 45 | 44 | 44 |
| ORL | TW K | 610 | 70 | 68 | 67 | 66 | 65 | 64 | 62 | 61 | 60 | 59 | 58 |

## *Major Rehabilitation Planning 2020-2029*

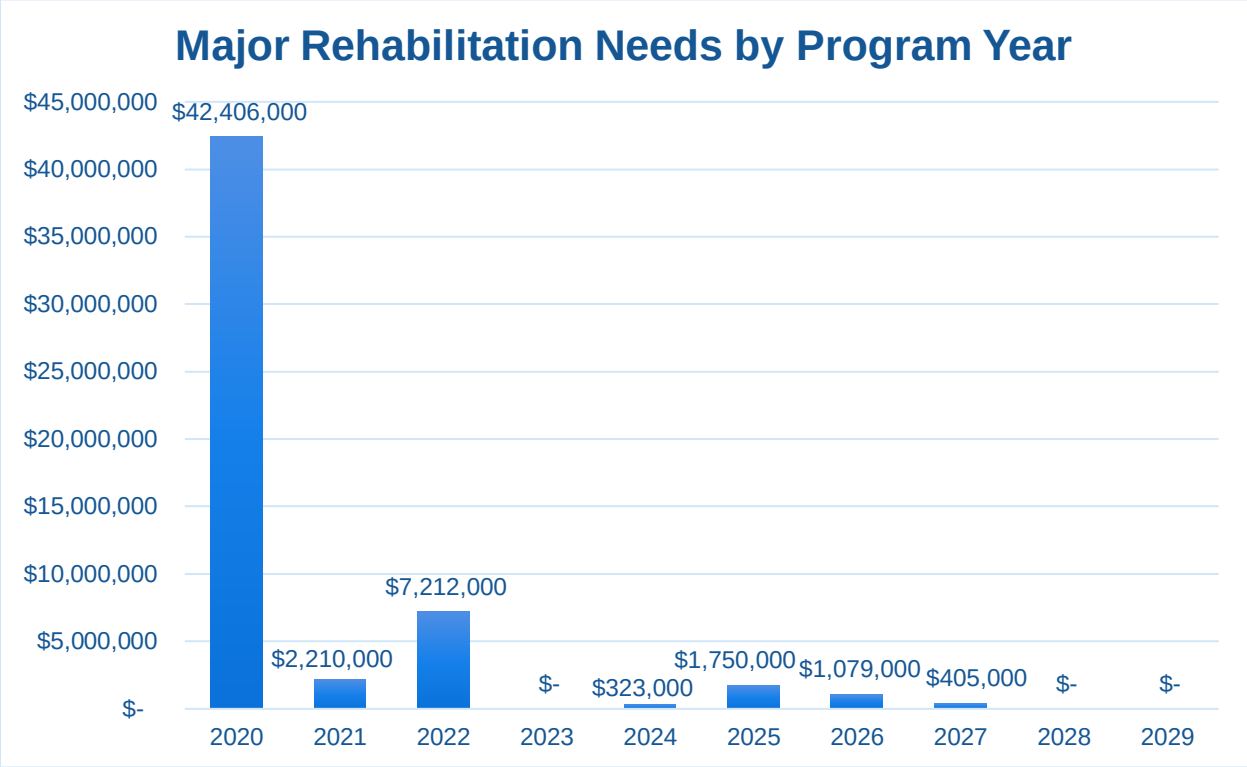
***Table E-3 Major Rehabilitation Planning 2020-2029***

| Program Year | Network ID | Branch ID | Section ID | Surface | Area (SF) | PCI Before | Rehabilitation Type | Planning Cost |
|---|---|---|---|---|---|---|---|---|
| 2020 | ORL | AP GA | 4205 | AC | 608,614 | 48 | AC Restoration | $ 6,102,000.00 |
| 2020 | ORL | AP GA | 4230 | AC | 23,614 | 60 | AC Restoration | $ 225,000.00 |
| 2020 | ORL | AP N | 4105 | AC | 200,966 | 5 | AC Reconstruction | $ 2,513,000.00 |
| 2020 | ORL | AP N | 4125 | AC | 140,429 | 4 | AC Reconstruction | $ 1,756,000.00 |
| 2020 | ORL | AP N | 4140 | AC | 237,860 | 24 | AC Reconstruction | $ 2,974,000.00 |
| 2020 | ORL | AP N | 4145 | AC | 122,500 | 33 | AC Reconstruction | $ 1,532,000.00 |
| 2020 | ORL | AP N | 4155 | AC | 337,449 | 48 | AC Restoration | $ 3,384,000.00 |
| 2020 | ORL | AP N | 4158 | AAC | 125,584 | 4 | AC Reconstruction | $ 1,570,000.00 |
| 2020 | ORL | AP N | 4165 | AC | 27,156 | 6 | AC Reconstruction | $ 340,000.00 |
| 2020 | ORL | AP N | 4167 | AC | 28,916 | 11 | AC Reconstruction | $ 362,000.00 |
| 2020 | ORL | AP N | 4168 | PCC | 24,538 | 0 | PCC Reconstruction | $ 491,000.00 |
| 2020 | ORL | AP NE | 4305 | AC | 52,643 | 22 | AC Reconstruction | $ 659,000.00 |
| 2020 | ORL | AP NE | 4312 | AC | 8,541 | 58 | AC Restoration | $ 82,000.00 |
| 2020 | ORL | AP W | 4605 | AC | 34,600 | 63 | AC Restoration | $ 329,000.00 |
| 2020 | ORL | AP W | 4610 | AC | 260,825 | 44 | AC Restoration | $ 2,940,000.00 |
| 2020 | ORL | AP W | 4650 | AC | 115,747 | 49 | AC Restoration | $ 1,125,000.00 |
| 2020 | ORL | AP W | 4670 | AC | 10,856 | 57 | AC Restoration | $ 104,000.00 |
| 2020 | ORL | RW 7-25 | 6105 | AAC | 600,500 | 62 | AC Restoration | $ 5,705,000.00 |
| 2020 | ORL | RW 7-25 | 6110 | AAC | 300,250 | 63 | AC Restoration | $ 2,853,000.00 |
| 2020 | ORL | TW A | 104 | AC | 11,949 | 65 | AC Restoration | $ 114,000.00 |
| 2020 | ORL | TW A | 115 | AC | 31,644 | 55 | AC Restoration | $ 301,000.00 |
| 2020 | ORL | TW A | 116 | AC | 11,579 | 62 | AC Restoration | $ 111,000.00 |
| 2020 | ORL | TW A | 117 | AC | 22,912 | 61 | AC Restoration | $ 218,000.00 |
| 2020 | ORL | TW A | 150 | AC | 60,358 | 56 | AC Restoration | $ 574,000.00 |
| 2020 | ORL | TW A1 | 112 | AAC | 14,428 | 56 | AC Restoration | $ 138,000.00 |

| Program Year | Network ID | Branch ID | Section ID | Surface | Area (SF) | PCI Before | Rehabilitation Type | Planning Cost |
|---|---|---|---|---|---|---|---|---|
| 2020 | ORL | TW A2 | 120 | AAC | 30,935 | 64 | AC Restoration | $ 294,000.00 |
| 2020 | ORL | TW A4 | 140 | AC | 15,668 | 62 | AC Restoration | $ 149,000.00 |
| 2020 | ORL | TW A5 | 405 | AAC | 37,049 | 64 | AC Restoration | $ 352,000.00 |
| 2020 | ORL | TW B | 102 | AC | 6,388 | 47 | AC Restoration | $ 66,000.00 |
| 2020 | ORL | TW B | 103 | AAC | 57,000 | 54 | AC Restoration | $ 542,000.00 |
| 2020 | ORL | TW E | 505 | AC | 78,110 | 64 | AC Restoration | $ 743,000.00 |
| 2020 | ORL | TW E1 | 501 | AC | 5,073 | 49 | AC Restoration | $ 50,000.00 |
| 2020 | ORL | TW E2 | 510 | AC | 9,644 | 45 | AC Restoration | $ 105,000.00 |
| 2020 | ORL | TW E2 | 512 | AC | 2,687 | 60 | AC Restoration | $ 26,000.00 |
| 2020 | ORL | TW E3 | 417 | AC | 8,311 | 28 | AC Reconstruction | $ 104,000.00 |
| 2020 | ORL | TW E3 | 420 | AC | 36,384 | 49 | AC Restoration | $ 354,000.00 |
| 2020 | ORL | TW E3 | 520 | AC | 9,009 | 45 | AC Restoration | $ 99,000.00 |
| 2020 | ORL | TW E3 | 522 | AC | 2,133 | 47 | AC Restoration | $ 22,000.00 |
| 2020 | ORL | TW E4 | 1070 | AAC | 130,837 | 49 | AC Restoration | $ 1,278,000.00 |
| 2020 | ORL | TW E4 | 1080 | AAC | 8,393 | 55 | AC Restoration | $ 80,000.00 |
| 2020 | ORL | TW E5 | 560 | AC | 5,540 | 64 | AC Restoration | $ 53,000.00 |
| 2020 | ORL | TW F | 605 | AC | 54,815 | 44 | AC Restoration | $ 613,000.00 |
| 2020 | ORL | TW G | 705 | AC | 30,099 | 53 | AC Restoration | $ 286,000.00 |
| 2020 | ORL | TW G | 710 | AC | 9,812 | 54 | AC Restoration | $ 94,000.00 |
| 2020 | ORL | TW H | 806 | AC | 62,452 | 51 | AC Restoration | $ 594,000.00 |
| 2021 | ORL | AP N | 4170 | AC | 84,878 | 64 | AC Restoration | $ 807,000.00 |
| 2021 | ORL | AP W SEGM | 4805 | AAC | 129,830 | 63 | AC Restoration | $ 1,234,000.00 |
| 2021 | ORL | TW E6 | 805 | AC | 17,742 | 64 | AC Restoration | $ 169,000.00 |
| 2022 | ORL | RW 13-31 | 6205 | AC | 445,836 | 64 | AC Restoration | $ 4,236,000.00 |
| 2022 | ORL | TW A | 125 | AAC | 257,040 | 64 | AC Restoration | $ 2,442,000.00 |
| 2022 | ORL | TW A3 | 130 | AAC | 56,163 | 64 | AC Restoration | $ 534,000.00 |
| 2024 | ORL | TW E4 | 1105 | AC | 6,580 | 64 | AC Restoration | $ 63,000.00 |
| 2024 | ORL | TW K | 610 | AC | 27,266 | 64 | AC Restoration | $ 260,000.00 |
| 2025 | ORL | AP NE | 4315 | AAC | 24,518 | 64 | AC Restoration | $ 233,000.00 |
| 2025 | ORL | AP NE | 4320 | AAC | 53,040 | 64 | AC Restoration | $ 504,000.00 |
| 2025 | ORL | AP W SEGM | 4810 | AAC | 79,530 | 64 | AC Restoration | $ 756,000.00 |
| 2025 | ORL | TW A6 | 113 | AC | 26,953 | 64 | AC Restoration | $ 257,000.00 |
| 2026 | ORL | AP RU | 5110 | AC | 25,880 | 64 | AC Restoration | $ 246,000.00 |
| 2026 | ORL | AP RU | 5115 | AC | 36,282 | 63 | AC Restoration | $ 345,000.00 |
| 2026 | ORL | AP RU | 5120 | AC | 41,840 | 64 | AC Restoration | $ 398,000.00 |
| 2026 | ORL | TW A5 | 425 | AAC | 9,443 | 64 | AC Restoration | $ 90,000.00 |
| 2027 | ORL | AP N | 4175 | AC | 42,594 | 64 | AC Restoration | $ 405,000.00 |

**All planning cost values have been rounded to the nearest thousand-dollar.*

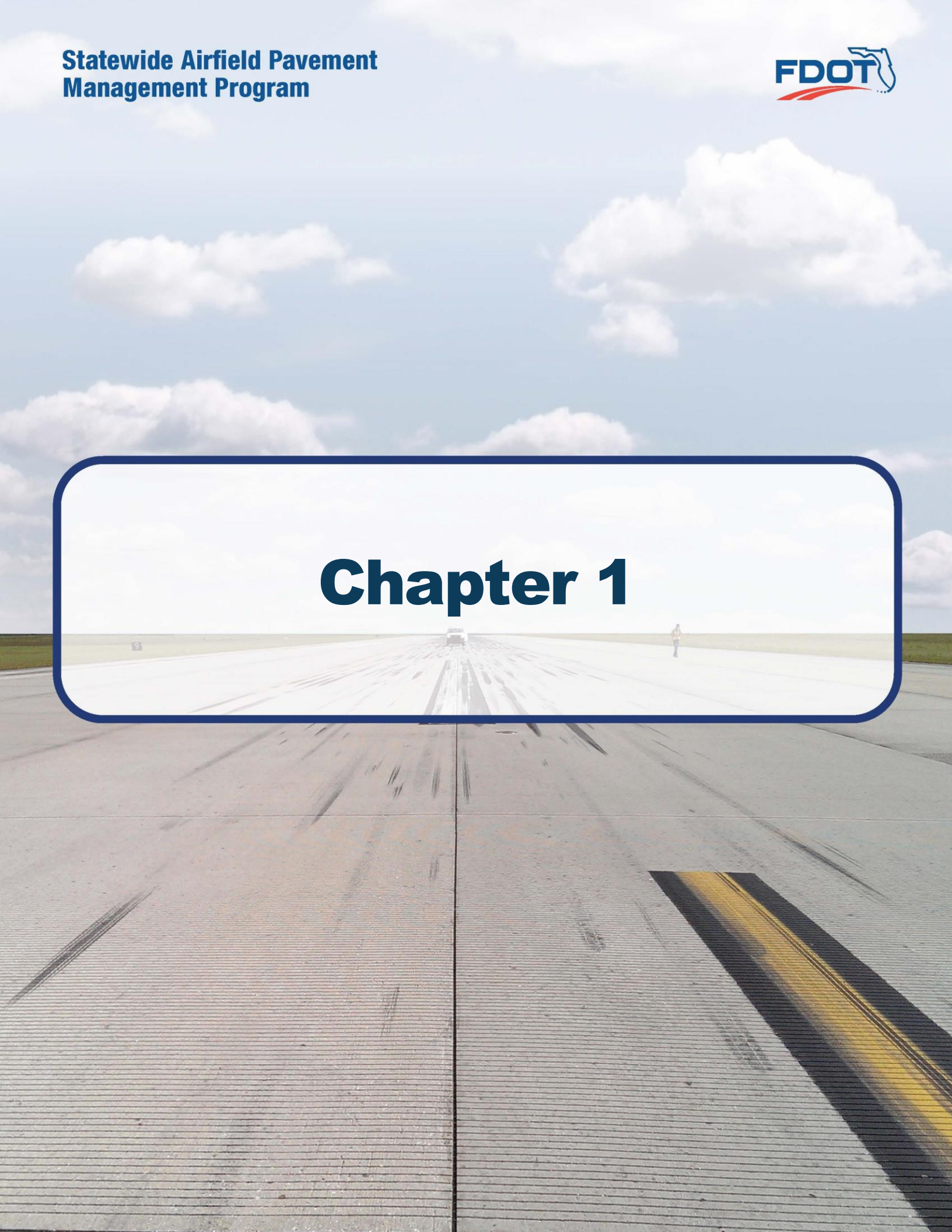
*Figure E-4 Major Rehabilitation Planning Annual Budget 2020-2029*




## Summary of Orlando Executive Airport

Orlando Executive Airport was inspected in March 2019 – the overall weighted PCI value was 55, a condition rating of Poor. The results of the maintenance, repair, and major rehabilitation analysis identified $8,426,960 in localized M&R needs based on current conditions and a 10-Year major rehabilitation need of $55,385,000 based on forecasted conditions. The current major rehabilitation needs based on the latest inspection consist of $42,406,000 for pavements below critical condition.

Localized maintenance and repair identified within this report are categorized as preventive or stopgap; the FDOT SAPMP has defined maintenance policies based on FAA recommendations. Major rehabilitation is identified within the FDOT SAPMP as major construction activity that would result in an improvement or resetting of the pavement section's PCI to a value of 100. Such activities could include: mill and hot-mix asphalt overlay, rigid pavement repair and slab replacement, and full-depth reconstruction. It is recommended that the airport use this as a planning tool for future project development and prioritization – all localized maintenance and repair and major rehabilitation recommendations should be considered as planning-level only. All final localized maintenance, repair, and major rehabilitation is subject to change based on airport prioritization and further design-level evaluation.



# Chapter 1

# Chapter 1 – Introduction

## 1.1 Background

The State of Florida has 128 public airports of which 100 public-use airports are recognized as part of the Federal Aviation Administration's (FAA) National Plan of Integrated Airport Systems (NPIAS) that are vital to the Florida economy as well as the economy of the United States. The Florida Aviation System (FAS) provides opportunities for the State to capitalize on an increasingly global marketplace. Florida's system of commercial service and general aviation (GA) airports are important to businesses throughout the entire State. Air travel is essential to tourism, Florida's number one industry.

There are millions of square feet of pavement infrastructure that consists of runways, taxiways, aprons, ramps, and other areas of airports that are vital to the support and safety of aircraft operations. Timely pavement maintenance, repair and major rehabilitation of these pavements will support the airport in operating safely, efficiently, economically and without excessive down time.

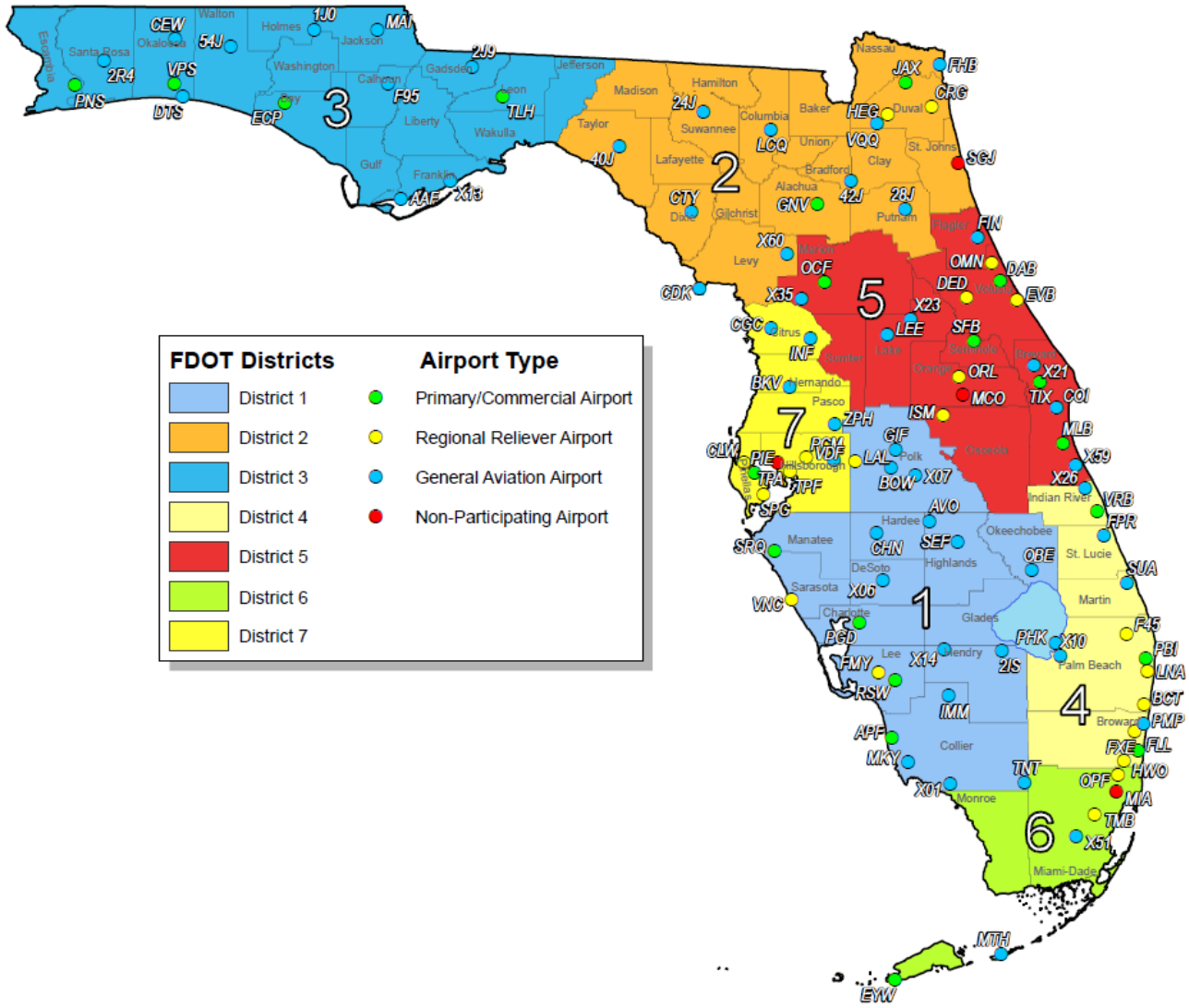
In general, adherence to the FAA Advisory Circulars are mandatory for all projects funded with federal grant monies through the Airport Improvement Program (AIP) and with revenue from the Passenger Facilities Charges (PFC) Program. Further information is detailed in FAA Grant Assurance No. 11 "Pavement Maintenance," No. 34 "Policies, Standards, and Specifications," and PFC Assurance No. 9 "Standards and Specifications." The Florida Department of Transportation (FDOT) performs the Statewide Airfield Pavement Management Program (SAPMP) System Updates for the benefit of participating public-use and publicly owned airports through the Aviation and Spaceports Office (ASO).

The SAPMP addresses the requirements of maintaining an effective pavement management program for the participating airports at the network level. Network-level management of pavement assets provides insight for short-term and long-term budget needs, understanding of the overall condition of the network (current and future), and pavement facilities that are subject for project consideration. A network-level evaluation can be supportive in the identification of maintenance, repair, and major rehabilitation needs and budgetary planning-level opinions of probable construction costs.

## 1.2 Statewide Airfield Pavement Management Program (SAPMP) Update 2018-2019

In 1992, the FDOT established the Statewide Airfield Pavement Management Program (SAPMP) to provide program managers, District Aviation and Spaceport Offices, and airport operators a system to proactively manage airport airfield pavement infrastructure within the Florida Aviation System. The SAPMP performs network-level Pavement Condition Index (PCI) survey inspections for airport facilities that are categorized as General Aviation (GA), Reliever (RL), and Commercial (PR). Currently, the program consists of 95 actively participating public-use airports with pavement facilities and provides users with comprehensive data to better manage pavement assets.

*Figure 1.2 Florida Aviation System (Facilities with Pavement) and FDOT Districts*




In 2016, the Florida Department of Transportation Aviation and Spaceports Office contracted Kimley-Horn and Associates, Inc. along with subconsultants Airfield Pavement Management Systems, LLC and AVCON, Inc. to provide professional services in support of FDOT in the continued efforts of performing a system update to the SAPMP. This work is to be completed from fiscal year 2016 through fiscal year 2019.

## 1.3 Organization

### 1.3.1 Florida Department of Transportation Aviation and Spaceports Office Program Manager

The FDOT Aviation and Spaceports Office (ASO) Aviation Engineering Manager serves as the Program Manager (ASO-PM) for the SAPMP. The ASO-PM monitors the work performed by the designated Consultant for the program. The ASO-PM has review and approval authority for each program task and manages the program's day-to-day details and pertinent updates.

The ASO-PM reports updates and milestones to the FDOT State Aviation and Spaceports Manager and Development Administrator.

### 1.3.2 Participating Florida Public-Use and Publicly Owned Airports

The airports are the end-user and beneficiary of the SAPMP. The SAPMP provides a specific Airport Pavement Evaluation Report that meets the requirements of the FAA Advisory Circular ***150/5380-7B "Airport Pavement Management Program (PMP)."*** Individual participating airports will be provided a final Airport Pavement Evaluation Report by the designated Consultant that is specific to each airport's airfield pavement condition index survey. The ASO-PM has full authority and final approval of each report prior to finalization. In advance of each PCI survey and prior to completion of each Airport Pavement Evaluation Report, participating airports are asked to provide the necessary record documentation for the proper analysis efforts. Relevant record documentation artifacts may consist of but are not limited to: Airport Layout Plans (ALP), Construction Bid Tabulations, As-Built Construction Drawings, Engineer's Reports, and/or field pavement inspection reports.

### 1.3.3 Florida Department of Transportation District Offices

The seven (7) FDOT District Offices, specifically the Aviation representatives (currently the Freight and Logistics personnel), provide essential support to the SAPMP update and the ASO-PM. Each District supports the SAPMP's on-going efforts by providing local construction cost information throughout the State. The construction cost information, typically consisting of plans and bid tabulations, are used as the basis of the development maintenance, repair, and major rehabilitation opinions of probable construction costs for planning purposes. Each District Office receives copies of individual Airport Pavement Evaluation Reports for the participating airport facilities located within their respective Districts.

### 1.3.4 Consultant

The Consultant, Kimley-Horn and Associates, Inc., provides technical and administrative support to the ASO-PM for the SAPMP update. The support consists of airfield pavement system inventory updates, performance of PCI Surveys in accordance with ASTM ***D5340-12*** "***Standard Test Method for Airport Pavement Condition Index Surveys,"*** evaluation and reporting of the pavement condition in accordance with the FAA Advisory Circular ***150/5380-7B "Airport Pavement Management Program (PMP)."***

The Consultant Team consists of Kimley-Horn, Airfield Pavement Management Systems, LLC., and AVCON, Inc.

A brief description of the general scope of work undertaken to update the SAPMP includes but is not limited to:

- **Research and evaluation of existing record documentation** was performed to identify construction projects that have taken place since the most recent major update of the SAPMP. This data is used to update the pavement inventory and network definition.
- **An update to the existing Network Definition Map** was made to reflect geometric changes, pavement composition updates, and section characterization. Furthermore, an update to the PCI Survey sample units were made to reflect the field investigation efforts.
- **A functional pavement evaluation with PCI Survey inspections** was completed on all airfield pavements maintained by the Airport. The PCI Survey procedure, as defined by ASTM D5340-12, was used as the basis of the functional pavement evaluation. For this specific evaluation, the sample units defined by prior studies were inspected as to better develop performance models for prediction curves. Pavement subject to construction or anticipated construction during scheduled PCI Survey inspection or within 2 years were omitted from inspection based on confirmation of airport personnel.
- **Condition Analysis** was performed based on the distress data observed, rated, measured, and recorded in accordance with the ASTM D5340-12 for the calculation of PCI values and ratings. The results of the current condition analysis were used in concert with the historic PCI Survey data and construction work history to develop performance models to forecast future PCI values for each section for a 10-year study duration.
- **Maintenance, Repair, and Rehabilitation Planning** was performed predicated on the results of the condition analysis with updated policies and planning-level unit costs. The policies, or M&R policies, have been updated to reflect standard practices for maintenance, repair, and major rehabilitation as defined by the FAA **AC *150/5380-6C “Guidelines and Procedures for Maintenance of Airport Pavements.”*** Planning-level unit costs were developed based on representative construction bid tabulations provided by participating airports. The bid tabulations consisted of limited airfield pavement construction projects that took place between 2009 and 2015 at participating airports.

## 1.4 Purpose of Airport Pavement Evaluation Report

The individual airport airfield pavement evaluation report discusses the work performed, a summary of findings, condition analysis results, and recommendations for maintenance, repair, and major rehabilitation (M&R) planning associated with the SAPMP system update. It also briefly describes the procedures used to ensure that the appropriate engineering and scientific standards of care, quality, budget, schedules, and safety requirements were implemented during the performance of this work.

The purpose of this Airfield Pavement Evaluation Report is to achieve the following:

- Describe the goals, procedures, and purpose of the SAPMP
- Provide a brief technical explanation of the pavement management methodology, standard practices, and objectives
- Analyze pavement distresses data for the determination of pavement conditions and for identification of airfield pavement maintenance, repair, and major rehabilitation needs based on functional PCI trends

***The identification of rehabilitation needs has been determined at the planning level. Design-level investigation is recommended prior to developing construction-level design documents and budgets.***

In compliance with FAA Grant Assurances 11 and 19; the FDOT SAPMP provides airports with airfield pavement evaluation reports in accordance with FAA **AC 150/5380-7B Airport Pavement Management Program (PMP)** and **AC 150/5380-6C Guidelines and Procedures for Maintenance of Airport Pavements**. The application of the results of a PCI survey are for planning purposes and are limited to the visual observation of deteriorated pavements in limited sampling; design-level investigation is recommended in accordance with the FAA procedures defined in **AC 5320-6F Airport Pavement Design and Evaluation** and **AC 150/5370-11B Use of Nondestructive Testing in the Evaluation of Airport Pavements**. The aforementioned ACs provide the design-level material properties of in-situ pavement and subgrade layers for the determination of appropriate rehabilitation actions. The FDOT Statewide Airfield Pavement Management Program is organized to provide airports with planning-level data and does not intend to preclude the responsible engineer in performing the appropriate level of investigation and analysis in determining the appropriate design details of a pavement rehabilitation. It would not be advisable to solely base design-level rehabilitation without the appropriate level of investigation and determination of pavement deterioration beyond that of a visual functional condition assessment.

## 1.5 History of the Program

In 1992, the FDOT implemented the SAPMP to understand the pavement conditions at public airports in the FAS, systematically update pavement infrastructure information, and assist airport operators with recommendations of pavement maintenance, repair, and major rehabilitation needs. The 1992 SAPMP implementation provided the FDOT and the participating airports valuable information for establishing and performing timely and appropriate pavement rehabilitation.



During the 1992-1993 implementation and again during the 1998-1999 updates; the SAPMP performed the development with proprietary software for pavement management system analysis. This development allowed for the creation of pavement management database file system populated with airport attributes and condition data. The pavement management database was used to establish maintenance, repair, and rehabilitation policies; consider planning-level unit costs; and develop recommendations for performing pavement maintenance. This system, known as AIRPAV, was initially developed during the 1992-1993 SAPMP implementation for the analysis of distress data. The AIRPAV system was used again in the 1998-1999 SAPMP update.

In 2004, the SAPMP system update included the review of the AIRPAV software compared to other industry available non-proprietary software packages. As a result of this review, MicroPAVER™ (currently known as PAVER™) was selected for implementation of the system update. MicroPAVER™ was developed by the U.S. Army Corps of Engineers Construction Engineering Research Laboratory for pavement management. Data from the 1998-1999 FDOT SAPMP update, which was built upon the initial 1992-1993 implementation of AIRPAV, was reviewed and converted to be compatible with the MicroPAVER™ system. This data conversion included all documented pavement facilities, classifications, types, histories, geometries, PCI condition data and pertinent attributes gathered from airport feedback at the time. This information was used to develop the inventory of each participating airport's pavement facilities in a consistent format. This was the development of Airfield Pavement Network Definition Exhibits. These inventory exhibits visually depicted the branch, section, and sample units that were based upon the pavement construction history and composition information provided by each airport.

In the 2006-2008 system update, the SAPMP was updated again with continued use of the MicroPAVER™ system. Based on the distress data collected, a maintenance repair and major rehabilitation planning program was developed for each airport. As part of this SAPMP update, the procedures for the inspection and the collection of the pavement distress data were documented, and an interactive website (http://www.dot.state.fl.us/aviation/pavement.shtm) was established for input of data.

In the 2010-2012 system update, the SAPMP was updated using new global positioning system (GPS) integrated technology to digitally collect pavement distress data. Interactive geographic information system (GIS) map files were developed from updated Airfield Pavement Network Definition Exhibits to aid pavement condition inspectors in the collection of sample distress data. The data collected was utilized to develop pavement performance models to predict future pavement PCI values and make recommendations for major rehabilitation.

In the 2013-2015 system update, the SAPMP integrated PAVER™ and FieldInspector™ with the use of GPS and GIS capable field tablets. Furthermore, the update included continued adherence to the ASTM ***D5340-12*** "***Standard Test Method for Airport Pavement Condition Index Surveys."*** The ASTM update consisted of refinement of distress definition types and deduction values for select asphalt concrete and Portland Cement Concrete distresses.

## 1.6 Federal Aviation Administration (FAA)

Currently, airports participating in the Airport Improvement Program (AIP) Grant Program are required by the FAA to develop and implement a pavement maintenance program to be eligible for funding (FAA Advisory Circular ***150/5380-6C "Guidelines and Procedures for Maintenance of Airport Pavements"*** and ***150/5380-7B "Airport Pavement Management Program (PMP)"***). This program requires detailed inspection of airfield pavement conditions by trained personnel. The inspections are required to be performed at least once a year using the PASER method or every three years if the pavement is inspected as defined by the PCI survey procedure in accordance with the ASTM ***D5340-12*** "***Standard Test Method for Airport Pavement Condition Index Surveys."***

In general, adherence to the Advisory Circulars are mandatory for all projects funded with federal grant monies through the AIP program and with revenue from the Passenger Facilities Charges (PFC) Program. Further information is detailed in FAA Grant Assurance No. 11 "Pavement Maintenance," No. 34 "Policies, Standards, and Specifications," and PFC Assurance No. 9 "Standards and Specifications."

## 1.7 FDOT SAPMP Objectives and Components

The FDOT SAPMP is a program that provides the FAS support in implementing and/or maintaining a network-level Pavement Management Program in a consistent and regularly scheduled manner.

In accordance with FAA AC***150/5380-7B "Airport Pavement Management Program (PMP)"*** an effective Pavement Management Program consists of a system that achieves specific objectives. The FDOT SAPMP objectives are as follows:

### *1.7.1 Program Objectives*

1 A systematic means for collecting and storing information regarding existing pavement structure and condition.
2 An objective and repeatable system for evaluating pavement condition.
3 Procedures for predicting future pavement condition.
4 Procedures for modeling both past and future pavement performance conditions.
5 Procedures to determine the budget requirements to meet management objectives, such as the maintenance, repair, and major rehabilitation budget required to keep a pavement at a specified PCI level or the budget required to improve to target PCI level.
6 Procedures for formulating and prioritizing maintenance, repair, and major rehabilitation projects.

The objectives are accomplished by the following components:

### *1.7.2 Program Components*

A. Database
B. Pavement Inventory
C. Pavement Structure
D. Pavement Work History
E. Pavement Condition Data

F. Pavement Performance Modeling for the Prediction/Forecast of PCI
G. Maintenance, Repair, and Major Rehabilitation Policies and Budget Simulation

A well-maintained network-level pavement management program may provide airport staff a better understanding of the airfield pavement performance for developing and planning for specific maintenance, repair, and major rehabilitation projects. The understanding of specific distress types and severities will assist the airport in addressing pavement maintenance and repair with the appropriate treatments as defined by the FAA Advisory Circular ***150/5380-6C "Guidelines and Procedures for Maintenance of Airport Pavements."*** The development of projects with an understanding of system inventory, deterioration details, and pavement condition forecasts may assist airport staff in developing practical rehabilitation actions and budgets. Furthermore, the understanding of pavements' past performance and forecasted condition may assist airport staff in addressing pavement rehabilitation in a timely and cost-effective manner. **Figure 1.7.2 (a) Typical Pavement Condition Life Cycle**, which is based on the FAA Advisory Circular ***150/5380-7B "Airport Pavement Management Program (PMP)."*** **Figure 1.7.2 (a) Typical Pavement Condition Life Cycle**, depicts a general duration of a pavement section and identifies the ideal condition to perform rehabilitative treatments at an optimal cost rather than allowing significant increase in rate of deterioration that would result in increased costs.

*Figure 1.7.2 (a) Typical Pavement Condition Life Cycle*

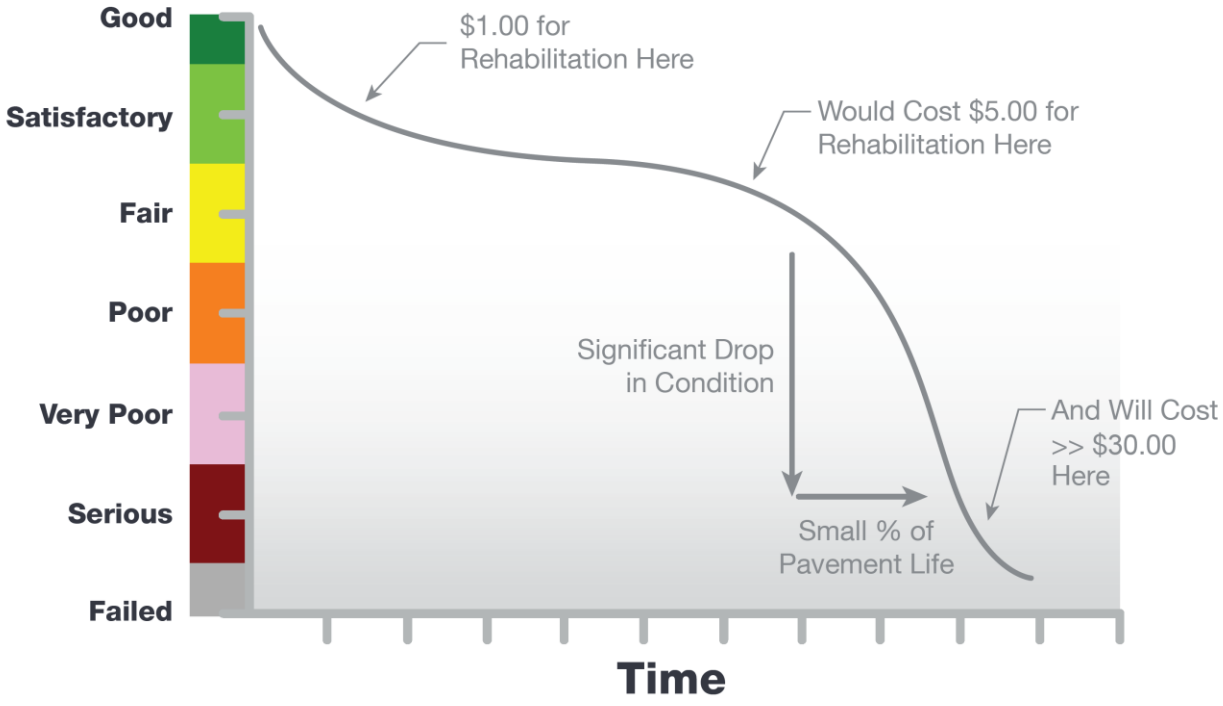
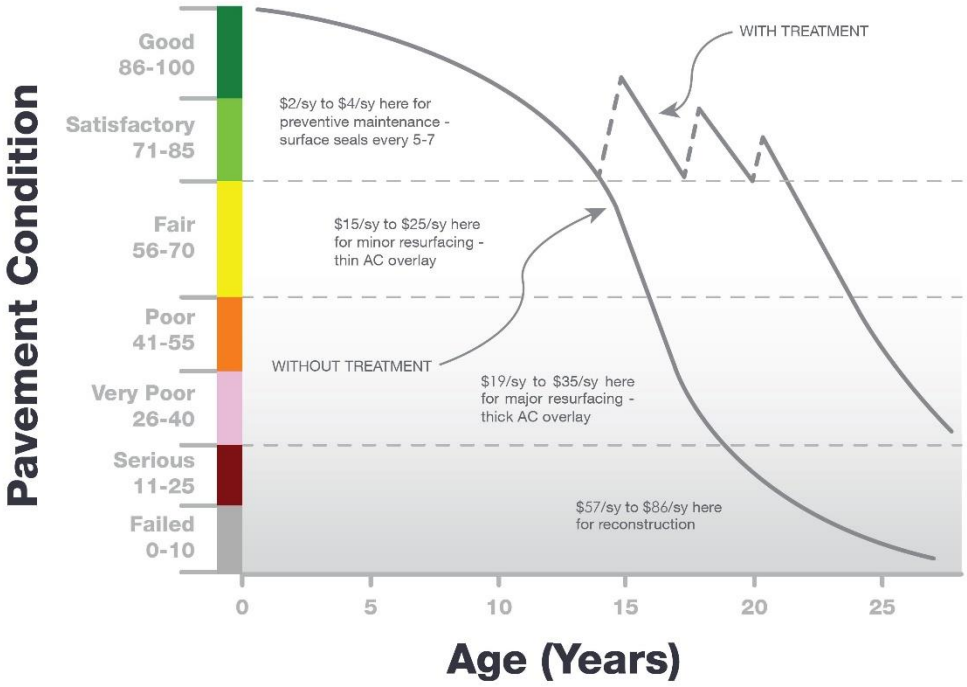



**Figure is for conceptual purposes only – unit costs are not specific to airfield pavements (AC vs PCC).*

**Figure 1.7.2 (b) General Pavement Treatments by Condition Range** depicts generic flexible asphalt concrete (AC) pavement treatments that are effective at specific condition ranges. This graphic is a general concept and will vary based on pavement surface type and overall

composition. The intent is to convey various treatment types that would be effective based on the condition of the pavement along the deterioration model.

*Figure 1.7.2 (b) General Pavement Treatments by Condition Range*




Pavement maintenance, repair, and major rehabilitation would be quite anticipatory if all pavements behaved as depicted in **Figures 1.7.2 (a) and 1.7.2 (b)**, however pavement condition performance vary significantly based on several factors. Factors that contribute to a pavement section's condition and deterioration performance may include: functional design life, material type, material construction quality, climatic conditions, aircraft loading type and frequency, non-aircraft loading type and frequency, maintenance history, subgrade conditions, and other infrastructure in the vicinity. The list of factors is not all-inclusive of all factors that may contribute to a pavement's life cycle, it is intended to clarify that unique conditions certainly will affect a pavement's deterioration.

**Figures 1.7.2 (c) and 1.7.2 (d)**, depict visual conditions of pavement facilities, for both AC and PCC respectively, with approximated PCI ranges and corresponding repair and rehabilitation measures.

*Figures 1.7.2 (c) Flexible Asphalt Concrete*

| | PCI Range | Representative PCI | Representative Pavement Surface | Rehabilitation Activities |
|---|---|---|---|---|
| Routine Maintenance | 86-100 | 90 |  | Pavements with PCI values above 85, or 'Good', may require periodic joint/crack sealing and local patching. |
| Pavement Preservation | 65-85 | 70 |  | Pavements with PCI conditions ranging from 'Fair' to 'Satisfactory' may require surface treatments (seal coat), thin overlays, and/or joint/crack sealing. |
| Major Rehabiliation | 40-64 | 50 |  | Pavements that have deteriorated below a PCI 65 (but above 39), or within the range of 'Very Poor' to 'Fair' conditions, may require major rehabilitation such as pavement mill and overlay or partial full-depth reconstruction. |
| Major Reconstruction | 0-39 | 15 |  | Pavements that have deteriorated below a PCI 40, or within the range of 'Failed' to 'Very Poor' conditions, may require major reconstruction. |

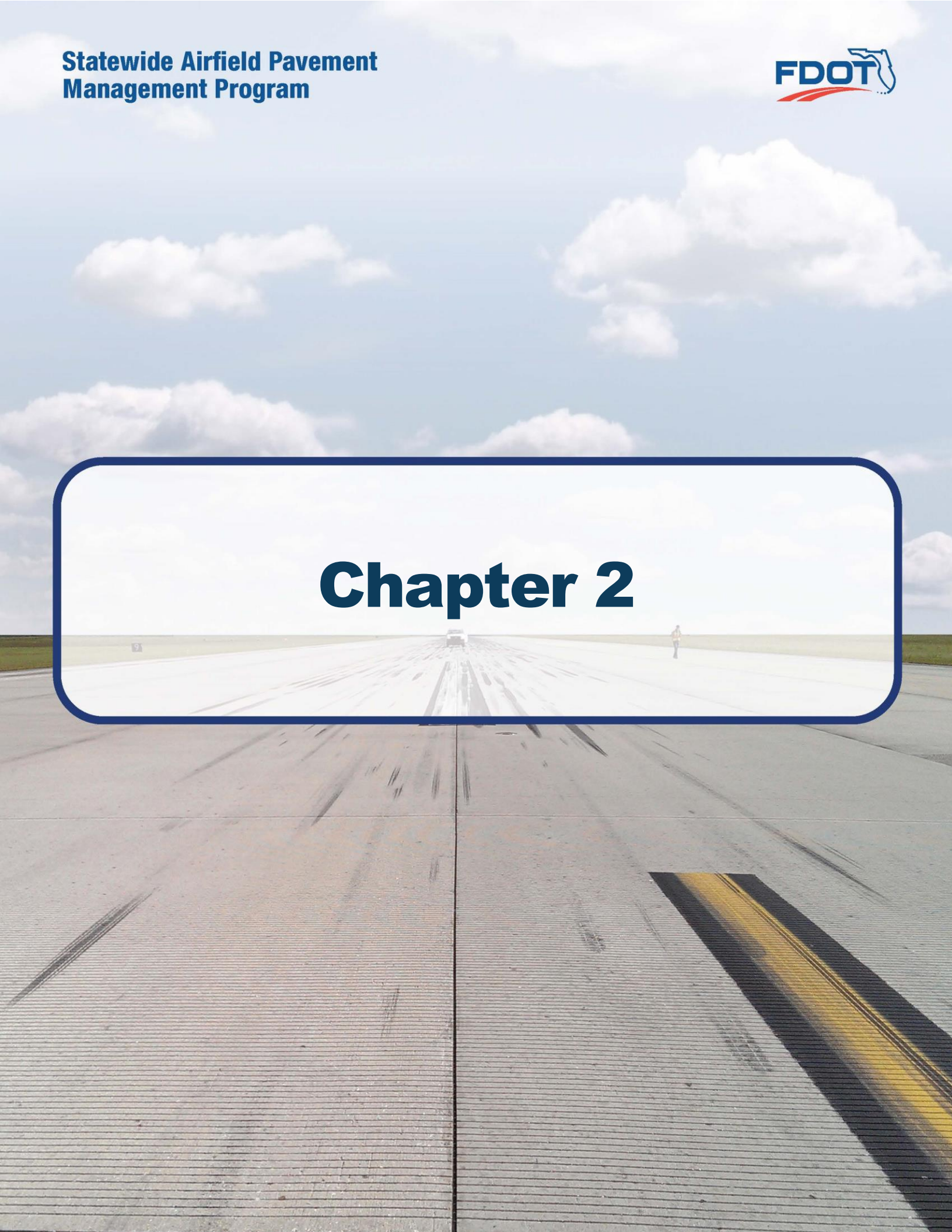
*Figures 1.7.2 (d) Rigid Portland Cement Concrete*

| | PCI Range | Representative PCI | Representative Pavement Surface | Rehabilitation Activities |
|---|---|---|---|---|
| Routine Maintenance | 86-100 | 90 |  | Pavements with PCI values above 85, or 'Good', may require periodic joint/crack sealing and local patching. |
| Pavement Preservation | 65-85 | 70 |  | Pavements with PCI conditions ranging from 'Fair' to 'Satisfactory' may require patches and/or joint/crack sealing. |
| Major Rehabiliation | 40-64 | 50 |  | Pavements that have deteriorated below a PCI 65 (but above 39), or within the range of 'Very Poor' to 'Fair' conditions may require major rehabilitation such as slab replacement and PCC restoration activity. |
| Major Reconstruction | 0-39 | 15 |  | Pavements that have deteriorated below a PCI 40, or within the range of 'Failed' to 'Very Poor' conditions, may require major reconstruction. |

## 1.8 References

The following reference documents were referenced as specific guidelines and procedures for maintaining airport pavements; establishing an effective pavement maintenance program; and identifying specific pavement distresses, probable causes of distresses, inspection guidelines, and recommended methods of repair:

- ASTM D5340-12 “Standard Test Method for Airport Pavement Condition Index Surveys.”
- FAA Advisory Circular 150/5380-7B “Airport Pavement Management Program.”
- FAA Advisory Circular 150/5380-6C “Guidelines and Procedures for Maintenance of Airport Pavements.”
- FAA Advisory Circular 150/5320-6F “Airport Pavement Design and Evaluation.”
- Department of the Air Force, Air Force Civil Engineer Center “Engineering Technical Letter (ETL) 14-3: Preventive Maintenance Plan (PMP) for Airfield Pavements.”
- Unified Facilities Criteria (UFC) 3-260-16FA 16 “Airfield Pavement Condition Survey Procedures Pavements.”
- Unified Facilities Criteria (UFC) 3-260-03 “Airfield Pavement Evaluation.”
- Pavement Management for Airports, Roads, and Parking Lots 2nd Edition, M.Y. Shahin.



# Chapter 2

# Chapter 2 – Methodology

An effective pavement management program incorporates the regular collection of pavement condition information and communication of information to appropriate sponsors. This chapter of the report defines the specific methods utilized as part of the SAPMP System Update to meet the requirements of an effective pavement management system as defined by the FAA Advisory Circular ***150/5380-7B "Airport Pavement Management Program (PMP)."***

## 2.1 Airfield Pavement Database

The SAPMP program has historically utilized PAVER™ (formerly MicroPAVER™); the current update has maintained the use of the PAVER™ 7.0 version of the software. The PAVER™ software application was developed by the U.S. Army Construction Engineering Research Laboratory sponsored by the FAA, Federal Highway Administration, U.S. Army, U.S. Air Force, and the U.S. Navy to meet the objectives of an effective pavement management system. The SAPMP consists of a network-level database of the airport's airfield pavement facilities that are part of the program. PAVER™ can achieve the following pavement management objectives: a manageable inventory system, the analysis of the current condition of pavements in accordance with the ASTM D5340, the development of pavement performance models to forecast conditions, and the development of maintenance, repair, and major rehabilitation recommendations based on budgetary scenarios.

PAVER™ inventory management is based on a tiered organizational structure that consists of networks, branches, and sections, with the section being the smallest unit of management. Critical elements of an effective pavement management program are maintained within the network-level PAVER™ database. These elements typically consist of pavement inventory characteristics, pavement structure, work history, historic condition records, and analytical customization.

The SAPMP System Update consisted of the conversion of the previous database from a PAVER™ version 6.5 to a version 7.0.

## 2.2 Airfield Pavement System Inventory

An airfield pavement system inventory typically maintains the location of all runways, taxiways, and aprons; geometric characteristics; type of pavement structure, year of construction and/or last major rehabilitation; and general composition details of the pavement.

The pavement inventory for an airport's airfield is an assembly of pavement infrastructure information that builds an inventory of branches and sections that codifies the airport's airfield pavement network. General geometry characteristics, estimated length, width, functional classification, pavement surface type, and operational function are among the characteristics identified at this initial phase in the pavement management process. The development of a pavement inventory that reasonably reflects the airport's airfield pavement facilities that are maintained by the airport provides a defined scope of the inspection and analysis efforts. As in the past, the SAPMP scope of work is specific to the airport-maintained airfield pavements as defined in the field network definition exhibits presented to current airport personnel.

A critical input to the pavement system inventory and network definition in the development of the SAPMP update is the date of last major rehabilitation/construction performed on the pavement assets that would set the asset at a PCI of 100 and a condition rating of Good. The airport provided a limited combination of record drawings, reports, and staff input that was pertinent information in developing the construction history of the airport's pavements from inception. Major rehabilitation/construction activities performed in the last 24-months or anticipated in the next 24-months are assumed to restore the PCI to 100. These activities include; pavement overlay, mill and replace, mill and overlay, new construction, and/or complete reconstruction.

Aerial imagery was obtained through the FDOT Surveying & Mapping Office's *Aerial Photo Look Up System (APLUS)*. This spatially projected imagery was utilized with computer-aided drafting software (AutoCAD) in concert with geographical information system software (ArcGIS) to develop a planning-level representative model that reasonably reflects the pavement assets at the airport.

### 2.2.1 Pavement Management Program Network Definition Terminology

There are several terms that are common in the communication of the results of the SAPMP System Update, these terms are defined as follows:

#### Pavement Network

A pavement network is a logical unit for organizing pavements into a structure for pavement management. A network will typically consist of one or more pavement *branches*, which are typically comprised of one or many pavement *sections*. The network is the starting point of the hierarchy of pavement management organization. For example, a network can be all the pavements within an airport's airfield or all the pavements in a statewide program. For the FDOT SAPMP, a network represents an individual airport's airfield pavement facilities maintained by the airport.

The SAPMP System Update consists of research and evaluation of existing record documentation for the participating airports' airfield facilities. The pavement network is typically limited to the pavement facilities subject to aircraft use that is also maintained by the airport owner and eligible for public funding.

#### Pavement Branch

A pavement branch, also known as a facility, is a logical unit of generally identifiable pavement of a network with distinct functional classification. For example, within an airfield each runway, taxiway, or apron is considered a branch. A branch must consist of at least one section.

#### Pavement Section

A pavement section, also known as a feature, is the most specific management unit when considering the application and selection of maintenance, repair, and/or major rehabilitation treatments on an area of pavement within a branch. Each branch consists of at least one section, but may consist of more if pavement feature characteristics are distinct throughout the branch. Characteristics considered when subdividing branches into sections include, but are not limited to: pavement structure, type, age, condition, and function; traffic composition and frequency (current and future); geometric location; construction history; and other related

infrastructure features (e.g. drainage). A pavement section is defined as a subordinate of a pavement branch, which is a subordinate of a "parent" pavement network.

### Pavement Sample Unit

A pavement sample unit is a subdivision of a pavement section that has a standard size range: twenty (20) continuous slabs (±8 slabs) for Portland Cement Concrete (PCC) pavement and 5,000 contiguous square feet (±2,000 $ft^2$) for flexible asphalt concrete (AC) or porous friction course pavements.

*Table 2.2.1 Airfield Pavement Database Network Definition Terminology*

| PMS Network Level | Common Definition | Airport Example |
|---|---|---|
| **Network** | Overall pavement assets maintained by the Airport | "Tallahassee International Airport – Airfield Pavements" |
| **Branch Name** | Commonly defined asset name as established by Airport and by use | "Runway 18-36" |
| **Branch ID** | Codified shorthand name for commonly defined asset established for database identification | "RW 18-36"<br><br>RW, Branch Use, "Runway"<br>18-36, Runway Facility |
| **Section ID** | Codified identification for pavement asset that is distinct by the following:<br>• Pavement Composition<br>• Construction Work History<br>• Aircraft Traffic<br>• Condition Records | "6105" |
| **Sample Unit** | A numeric identification of an area of pavement (5,000±2,000 SF of AC or 20±8 slabs of PCC) that has been inspected in accordance with ASTM D5340-12. | "300" |

## 2.3 Airfield Pavement Structure

### *2.3.1 Pavement Structure Types*

Airport airfield pavements are constructed to provide adequate support for the loads imposed by aircraft and produce a firm, stable, smooth, all-year, all-weather surface free of debris or other particles that may be blown or dislocated by propeller wash or jet blast. Typical pavement planning and design requires coordination of factors that include but are not limited to; subgrade conditions, material layer types, aircraft fleet mix (type, frequency, and traffic growth), and functional use. A pavement structure is composed of constructed layers that consist of subgrade, subbase, base course, structural courses, and surfaces courses. For the FDOT SAPMP, two major pavement structure types are classified for evaluation and analysis: Flexible Asphalt Concrete Surface and Rigid Portland Cement Concrete Surface. Additionally, Composite Structures known as Whitetopping Pavements are also present at limited airports within the Florida Airports System; these unique pavement structures are evaluated separately.

#### Flexible Asphalt Concrete Surface

A pavement comprised of aggregate mixture with an asphalt cement binder. The FDOT SAPMP consists of three (3) asphalt concrete surface types: Asphalt Concrete (AC), Asphalt Concrete Overlaid on Asphalt Concrete (AAC), and Asphalt Concrete Overlaid on Portland Cement Concrete (APC).

##### *Asphalt Concrete (AC)*

A flexible pavement section consisting of aggregate mixture with asphalt cement binder layered on engineered base course material that is layered on subbase and subgrade soil material.

##### *Asphalt Concrete Overlaid on Asphalt Concrete (AAC)*

A flexible pavement section consisting of aggregate mixture with asphalt cement binder layered on an existing flexible AC pavement section. Flexible airfield pavement sections are AAC when a pavement rehabilitation consists of a pavement milling operation and a resurfacing of asphalt layers; or a direct overlay of asphalt concrete without surface preparation.

##### *Asphalt Concrete Overlaid on Portland Cement Concrete (APC)*

A flexible pavement section consisting of aggregate mixture with asphalt cement binder layered on an existing Rigid PCC pavement section. This unique pavement composition may result in distinct pavement distress manifestations known as reflective joint cracking.

### Rigid Portland Cement Concrete Surface

A pavement comprised of aggregate mixture with a Portland Cement binder. The FDOT SAPMP recognizes Portland Cement Concrete (PCC) as the primary rigid pavement section.

#### *Portland Cement Concrete (PCC)*

A rigid pavement section composed of Portland cement concrete placed on a granular or treated base course that is supported on a compacted subgrade. The concrete surface must provide a texture of nonskid qualities, prevent the infiltration of surface water into the subgrade, and provide structural support to the airplanes. Rigid pavement construction requires the layout of appropriately designed joint spacing.

### Composite Structure – Whitetopping Pavement

A composite pavement comprised of relatively thin Portland Cement Concrete overlaid on an existing flexible asphalt concrete pavement structure. There are three (3) types of Whitetopping Pavements; Conventional (WHT), Thin (TWT), and Ultra-Thin (UTW).

#### *Conventional Whitetopping (WHT)*

A composite pavement structure consisting of a modified PCC overlaid on an existing flexible AC pavement section area. The modified PCC layer is typically greater than 8 inches in thickness.

#### *Thin Whitetopping (TWT)*

A composite pavement structure consisting of a modified PCC overlaid on an existing flexible asphalt concrete pavement section. The modified PCC layer is typically between 4 and 8 inches in thickness.

#### *Ultra-Thin Whitetopping (UTW)*

A composite pavement structure consisting of a modified PCC overlaid on an existing flexible asphalt concrete pavement section. The Portland Cement Concrete layer is typically between 2 and 4 inches in thickness.

## 2.4 Airfield Pavement Work History

### 2.4.1 Airfield Pavement Record Keeping

It is strongly recommended that airports maintain records of all airfield construction and maintenance related to the pavement facilities. A history of all maintenance and repair performed and its associated costs (construction and soft costs) can provide valuable information on the effectiveness of various treatments on pavements. An airport should maintain detailed records of maintenance (routine, emergency, and proactive) activities. The records should consist of the following:

1. Location and Limits of Work.
2. Types and Severity of Distresses Repaired.
3. Type of Work.
4. Cost of Work.
5. Supporting Documents (contract documents, construction drawings, specifications, bid tabulations, repair product, photograph records, etc.).

## 2.5 Airfield Pavement Traffic

A pavement section is typically designed to meet the needs of the user (airlines, air cargo, general aviation, and/or military) in providing a safe, smooth, operational surface. Pavement deterioration generally occurs gradually through increased roughness and/or fatigue cracking caused by successive and heavy aircraft traffic.

This study does not consist of a study or analysis of each individual airport's airfield aircraft fleet mix or traffic operations. However, it is strongly recommended that airports incorporate the requirements of FAA Advisory Circular ***150/5320-6F Airport Pavement Design and Evaluation*** when developing design-level rehabilitation activities. The AC provides guidance on incorporation of aircraft traffic fleet mix data.

## 2.6 Airfield Pavement Condition Index (PCI) Survey

### 2.6.1 PCI Survey Methodology

In adherence to the FAA Advisory Circular ***150/5380-7B "Airport Pavement Management Program (PMP),"*** the FDOT SAPMP utilizes the PCI Survey Method of inspection to collect pavement distress data and analyze the condition. The PCI Survey Inspection procedure is a visual statistical sampling of pavements for recording primary distress types (e.g. cracking and deformation), associated severities, and quantities as defined by the ASTM D5340-12. This effort is the primary means of obtaining and recording pavement distress data. The survey inspection consists primarily of visual inspection of pavement surfaces for signs of distress and deterioration resulting from loading (aircraft) and environmental influences.

A visual pavement condition survey provides an indication of the cause and rate of deterioration of a pavement section from a functional point of view and can be an indicator of structural distress. The functional condition analysis assesses the rating of the operational surface. A visual PCI Survey Inspection does not predict the remaining structural life of a pavement section, or its ability to support loads. The functional condition determined by the PCI method



can provide a cost-effective means to plan for pavement rehabilitation projects. The timely application of pavement rehabilitation may lead to the extension of functional life of individual pavement sections. This method varies from structural evaluation; functional condition is limited to visually observed distresses and indicative modes of pavement deterioration. A formal structural evaluation analyzes subsurface conditions, material characteristics, and qualitative pavement structure attributes. A structural evaluation may consist of; subsurface geotechnical exploration, falling weight deflectometer testing, petrographic testing, material coring, and/or flexural testing.

### 2.6.2 Pavement Distress Types

For each section, the severity and quantity of defined distresses are recorded and then analyzed in accordance with the ASTM D5340-12 standard. The standard identifies 17 distinct flexible asphalt concrete distress types and 16 distinct rigid Portland Cement Concrete distress types.

*Table 2.6.2 (a) Pavement Distress Types – Flexible Asphalt Concrete-Surfaced Airfields*

| Distress | Common Distress Mechanisms |
|---|---|
| **Alligator Cracking** | Load / Fatigue |
| **Bleeding** | Construction Quality/ Mix Design |
| **Block Cracking** | Climate / Age |
| **Corrugation** | Load / Construction Quality |
| **Depression** | Load / Subsurface |
| **Jet Blast** | Aircraft |
| **Joint Reflection - Cracking** | Climate / Subsurface Pavement / Traffic Load |
| **Longitudinal/Transverse Cracking** | Climate / Construction Quality |
| **Oil Spillage** | Aircraft / Vehicle |
| **Patching** | Utility / Pavement Repair / Age |
| **Polished Aggregate** | Repeated Traffic Loading |
| **Raveling** | Climate / Age |
| **Rutting** | Load / Fatigue |
| **Shoving** | PCC Pavement Growth / Movement |
| **Slippage Cracking** | Load / Pavement Bond / Mix Design |
| **Swelling** | Climate / Subsurface |
| **Weathering** | Climate / Age |

*Table 2.6.2 (b) Pavement Distresses Possible Causes – Flexible Asphalt Concrete-Surfaced Airfields*

| Classification by Possible Causes | | | |
|---|---|---|---|
| Load | Climate / Durability | Moisture / Drainage | Others |
| • Alligator Cracking<br>• Corrugation<br>• Depression<br>• Patching of Load-based distress<br>• Polished Aggregate<br>• Rutting<br>• Slippage Cracking | • Bleeding<br>• Block Cracking<br>• Joint Reflection Cracking<br>• L/T Cracking<br>• Patching of climate / durability-caused distresses<br>• Shoving from PCC<br>• Raveling<br>• Weathering<br>• Swelling | • Alligator Cracking<br>• Depression<br>• Patching of moisture / drainage caused distress<br>• Swelling<br>• Raveling<br>• Weathering | • Oil Spillage<br>• Jet Blast Erosion<br>• Polished Aggregate |

*Table 2.6.2 (c) Pavement Distresses Possible Effects – Flexible Asphalt Concrete-Surfaced Airfields*

| Classification by Possible Effects | | | |
|---|---|---|---|
| Roughness | Skid / Hydroplaning Potential | FOD Potential | Rate of Deterioration and Maintenance Requirements |
| • Corrugation<br>• Depression<br>• Rutting<br>• Shoving of asphalt pavement<br>• Swelling<br>• Raveling<br>• Weathering | • Bleeding<br>• Depression<br>• Polished Aggregate<br>• Rutting | • Block Cracking<br>• Joint Reflection Cracking<br>• L/T Cracking<br>• Slippage Cracking | • All Distresses |

*Table 2.6.2 (d) Pavement Distresses – Rigid Portland Cement Concrete-Surfaced Airfields*

| Distress | Common Distress Mechanisms |
|---|---|
| **Blowup** | Climate / ASR |
| **Corner Break** | Load Repetition / Curling Stresses |
| **Linear Cracking** | Load Repetition / Curling Stresses / Shrinkage Stresses |
| **Durability Cracking** | Freeze-Thaw Cycling |
| **Joint Seal Damage** | Material Deterioration / Construction Quality / Age |
| **Small Patch** | Pavement Repair |
| **Large Patch/Utility Cut** | Utility / Pavement Repair |
| **Popout** | Freeze-Thaw Cycling / ASR / Material Quality |
| **Pumping** | Load Repetition / Poor Joint Sealant |
| **Scaling** | Construction Quality / Freeze-Thaw Cycling |
| **Faulting** | Subgrade Quality / ASR / Inadequate Load Transfer |
| **Shattered Slab** | Overloading |
| **Shrinkage Cracking** | Construction Quality / Climate |
| **Joint Spalling** | Load Repetition / Infiltration of Incompressible Material / Deterioration of Dowel (Load Transfer) Bars |
| **Corner Spalling** | Load Repetition / Infiltration of Incompressible Material / Deterioration of Dowel (Load Transfer) Bars |
| **Alkali-Silica Reaction (ASR)** | Construction Quality / Climate / Chemical Reaction |

*Table 2.6.2 (e) Pavement Distresses Possible Causes – Rigid Portland Cement Concrete-Surfaced Airfields*

| Classification by Possible Causes | | | |
|---|---|---|---|
| Load | Climate / Durability | Moisture / Drainage | Others |
| • Corner Break<br>• Shattered Slab<br>• L/T/D Cracking<br>• Pumping<br>• Patching of Load-associated distress<br>• Spalling | • Blowup<br>• "D" Cracking<br>• Joint Seal Damage<br>• Popouts<br>• Scaling<br>• Patch of Climate/Durability-associated distress<br>• Shrinkage Cracking<br>• Spalling<br>• L/T/D Cracking | • Corner Break<br>• Shattered Slab<br>• Pumping<br>• Patching of Moisture/Drainage-associated distress | • Settlement / Faulting |

*Table 2.6.2 (f) Pavement Distresses Possible Effects – Rigid Portland Cement Concrete-Surfaced Airfields*

| Classification by Possible Effects | | | |
|---|---|---|---|
| Roughness | Skid / Hydroplaning Potential | FOD Potential | Rate of Deterioration and Maintenance Requirements |
| • Blowup<br>• Corner Break<br>• L/T/D Cracking<br>• Shattered Slab<br>• Settlement / Faulting<br>• Spalling | • Settlement / Faulting<br>• Spalling | • Corner Break<br>• L/T/D Cracking<br>• "D" Cracking<br>• Joint Seal Damage<br>• Shattered Slab<br>• Popouts<br>• Scaling | • All distresses |

## 2.6.3 PCI Survey Inspection Procedures

### Inspection Sampling Rate

The FDOT SAPMP performs PCI Survey Inspections on sample units defined in the previous update. The sample units are subject to change at the discretion of the inspection personnel and/or to major pavement rehabilitation treatments. Furthermore, access to the sample units based on accessibility or impacts to operations may affect the overall sampling rate effort at each airport. The following **Tables 2.6.3 (a) and (b)** define the sampling criteria used by the FDOT SAPMP. A higher sampling rate may be utilized to achieve a greater statistical confidence should the airport have the available resources to perform PCI Survey Inspections independent of the FDOT SAPMP.

*Table 2.6.3 (a) Recommended Sample Rate Schedule for Flexible Asphalt Concrete*

| Number of Total Sample Units in Section | Sample Units to Inspect | |
|---|---|---|
| | Runways | Taxiways, Aprons, and Others |
| 1 - 4 | 1 | 1 |
| 5 - 10 | 2 | 1 |
| 11 - 15 | 3 | 2 |
| 16 - 30 | 5 | 3 |
| 31 - 40 | 7 | 4 |
| 41 - 50 | 8 | 5 |
| 51 or more | 20% but ≤20 | 10% but ≤10 |

*Table 2.6.3 (b) Recommended Sample Rate Schedule for Rigid Portland Cement Concrete*

| Number of Total Sample Units in Section | Sample Units to Inspect | |
|---|---|---|
| | Runways | Taxiways, Aprons, and Others |
| 1 - 3 | 1 | 1 |
| 4 - 6 | 2 | 1 |
| 7 - 10 | 3 | 2 |
| 11 - 15 | 4 | 2 |
| 16 - 20 | 5 | 3 |
| 21 - 30 | 7 | 3 |
| 31 - 40 | 8 | 4 |
| 41 - 50 | 10 | 5 |
| 51 or more | 20% but ≤20 | 10% but ≤10 |

### 2.6.4 Updates to the ASTM D5340-12

Airfield pavement distresses and conditions were surveyed in accordance with the methods outlined in FAA Advisory Circular 150/5380-6C and ASTM D5340-12. These procedures define distress type, severity, and quantity for sampling areas within each defined pavement section area to analyze and determine the PCI value and condition rating. During the 2013-2015 System Update, the incorporation of the significant changes to the ASTM D5340 (version D5340-12) resulted in adjusted pavement condition indices on pavement sections subject to the distress types updated. Furthermore, the revision of the PCI deduction curves and the separation of distress types from the original, such as Weathering and Raveling, have in select cases increased the PCI value of the section without any rehabilitation performed.

#### *Flexible Asphalt Concrete Pavement Distress Updates*

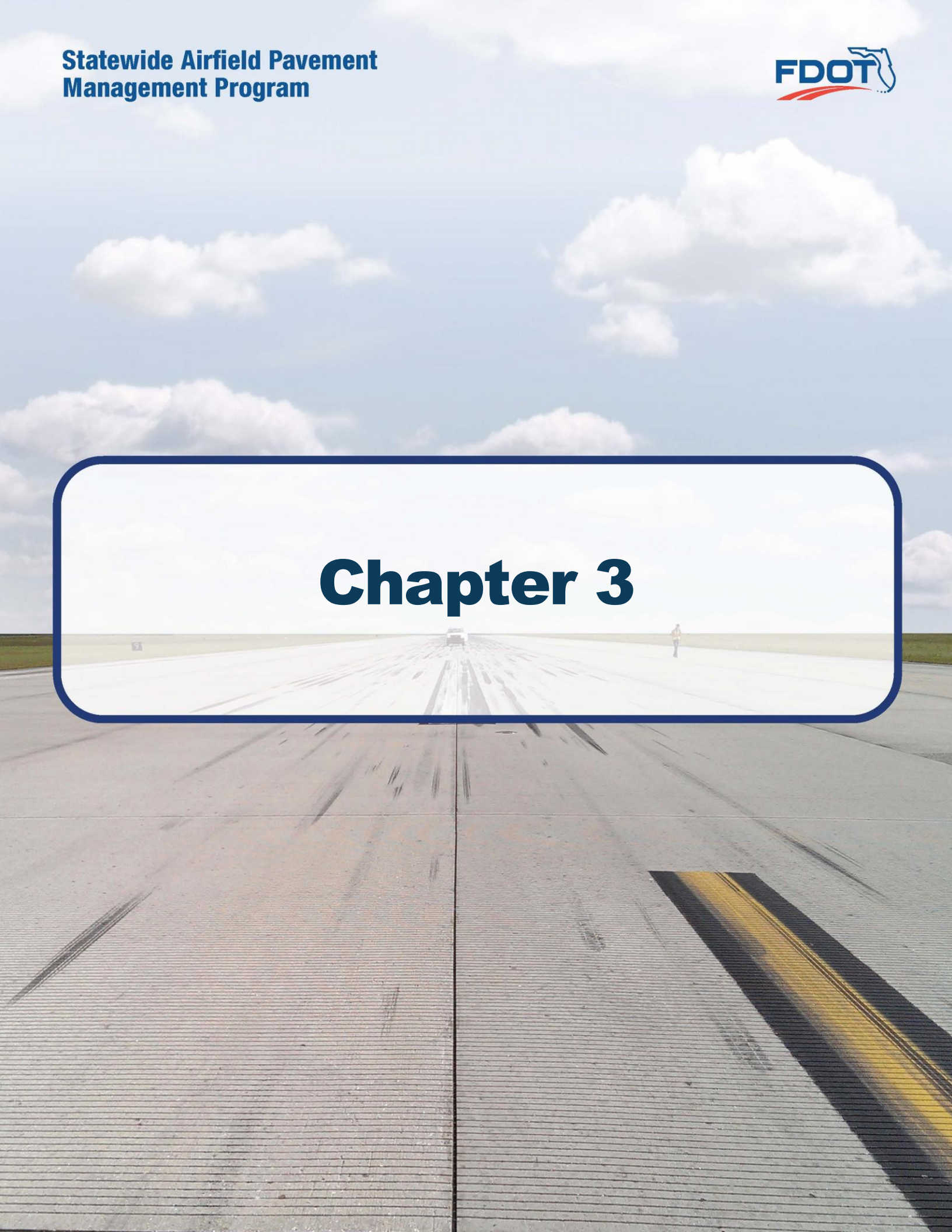
The previous methodology which featured "(52) Weathering and Raveling" distress has been separated into two distresses "(52) Raveling" and "(57) Weathering." Previously, areas that were recorded as "Weathering and Raveling" were considered as one distress with a high deduction. Based on the updated methodology, in certain situations where "Weathering" only exists and does not meet the definition of "Raveling," the PCI deduction is not as high as the former "Weathering and Raveling." Therefore, areas identified only as "(57) Weathering" based on current ASTM standards, which were previously identified as "(52) Weathering and Raveling," may be subject to an improvement in PCI. In instances where pavement PCI has increased due to this update, it is not due to an improvement in actual condition, however indicative of the adjusted distress deterioration effects.

#### *Rigid Portland Cement Concrete Pavement Distress Updates*

The previous methodology defined "(70) Scaling" as a distress that consisted of surface deterioration caused by construction defects, material defects, and environmental factors. The distress included *Alkali-Silica Reaction*, also known as ASR. The current methodology has separated Alkali-Silica Reaction as a distress identified as "(76) Alkali-Silica Reaction / ASR." As a result, the previous "(70) Scaling" numerical deduction contribution to the PCI has been reduced. Previous inspections that recorded "(70) Scaling," and currently do not exhibit "(76) Alkali-Silica Reactivity / ASR" may potentially see an increase in PCI. Additionally, "(73) Shrinkage Cracks" has been redefined as "(73) Shrinkage Cracking". Shrinkage Cracking is characterized in two forms; drying shrinkage and plastic shrinkage. Drying shrinkage occurs over time as moisture leaves the pavement, it develops when hardened pavement continues to shrink as excess water not needed for cement hydration evaporates. It forms when subsurface resistance to the shrinkage is present and may extend through the entire depth of the slab. Plastic shrinkage can be caused by both atmospheric conditions and construction. Plastic shrinkage caused by atmospheric conditions develops when there is rapid loss of water in the surface of recently placed pavement. High winds or low humidity are contributing factors to evaporation. These shrinkage cracks can appear as a series of parallel cracks, usually 1 to 3 feet apart and do not extend very deep into the pavement's surface. Plastic shrinkage caused by construction can form from over finishing/overworking of the pavement during construction. These shrinkage cracks appear as a series of inter-connected hairline cracks, or pattern cracking, and are often observed throughout the majority of the slab surface. This condition is also referred to as map cracking or crazing.

*Table 2.6.4 Summary of Updates to ASTM D5340-12*

| Distress Updates to Reflect ASTM 5340-12 | | | | |
|---|---|---|---|---|
| **Use and Surface Type** | **Updated Distress** | **Former Distress in Prior to 5340-10** | **Deduction Curve** | **Potential Effect** |
| **AC/AAC/ APC Airfield** | (52) Raveling - Low | (52) Weathering and Raveling - Low | No Change | N/A |
| | (52) Raveling - Medium | (52) Weathering and Raveling - Medium | No Change | N/A |
| | (52) Raveling - High | (52) Weathering and Raveling - High | No Change | N/A |
| | (57) Weathering - Low | N/A – was part of 'Weathering and Raveling' | New | Increase in PCI with no maintenance |
| | (57) Weathering - Medium | N/A – was part of 'Weathering and Raveling' | New | Increase in PCI with no maintenance |
| | (57) Weathering - High | N/A – was part of 'Weathering and Raveling' | New | Increase in PCI with no maintenance |
| **PCC Airfield** | (70) Scaling - Low | (70) Scaling, Map Cracking, and Crazing - Low | New | Increase in PCI with no maintenance |
| | (70) Scaling - Medium | (70) Scaling, Map Cracking, and Crazing - Medium | New | Increase in PCI with no maintenance |
| | (70) Scaling - High | (70) Scaling, Map Cracking, and Crazing - High | New | Increase in PCI with no maintenance |
| | (76) Alkali Silica Reaction – Low | N/A – was part of 'Scaling, Map Cracking, and Crazing' | New | Increase in PCI with no maintenance |
| | (76) Alkali Silica Reaction – Medium | N/A – was part of 'Scaling, Map Cracking, and Crazing' | New | Increase in PCI with no maintenance |
| | (76) Alkali Silica Reaction – High | N/A – was part of 'Scaling, Map Cracking, and Crazing' | New | Increase in PCI with no maintenance |
| | (73) Shrinkage Cracking | (73) Shrinkage Cracking | No Change | Prior distress types identified as 'Scaling, Map Cracking, and Crazing' may now be identified as 'Shrinkage Cracking' |



# Chapter 3

# Chapter 3 – Airfield Pavement System Inventory

A significant element of an effective airfield pavement management system is the appropriate record keeping of changes due to construction or operational use of the pavement facilities. This chapter discusses the inventory data collected from the airport and summarizes network-level characteristics of the airport's airfield pavements. At the start of each FDOT SAPMP System Update, all airports are asked to review the existing Airfield Pavement Network Definition exhibit for accuracy. Furthermore, participating airports are asked to provide documentation for any recent or anticipated construction related to their airfield pavements.

## 3.1 Airfield Pavement Network Information

### *3.1.1 Previous and/or Anticipated Airfield Pavement Construction*

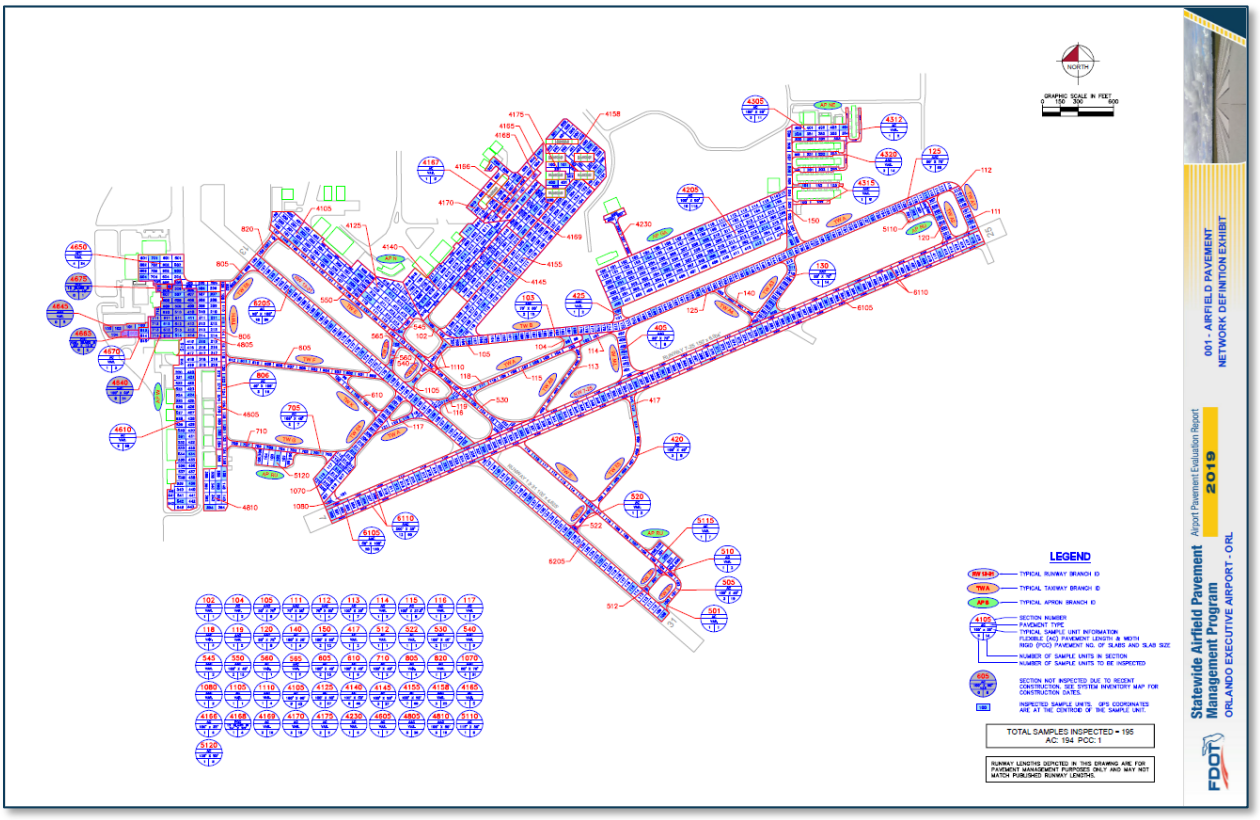
Based on information provided by the airport, the following **Table 3.1.1** summarizes the airfield pavement construction projects that have been incorporated into the SAPMP database system since the 2013-2015 System Update. **Figure 3.1.1 (a)** and **Figure 3.1.1 (b)** provides an inset view of the 2019 Airfield Pavement Network Definition Exhibit and the 2019 Airfield Pavement System Inventory Exhibits that depict the updated network details for the airport reflected in the PAVER Database. Large format exhibits are referenced in **Appendix C Technical Exhibits**.

***Table 3.1.1 Previous and/or Anticipated Airfield Pavement Construction***

| Year | General Work Description |
|---|---|
| 2015 | **TW A, TW B, TW E, TW E4, TW E5** - Mill and Overlay: 2" Mill and Variable Overlay P-401SP |
| | **TW E6** - Reconstruction: 4" P-401, 10" P-219, Compacted Subgrade |
| 2017 | **AP W -** New Construction |
| 2019 | **AP W** - Mill and Overlay |
| | **AP W** - Reconstruction |

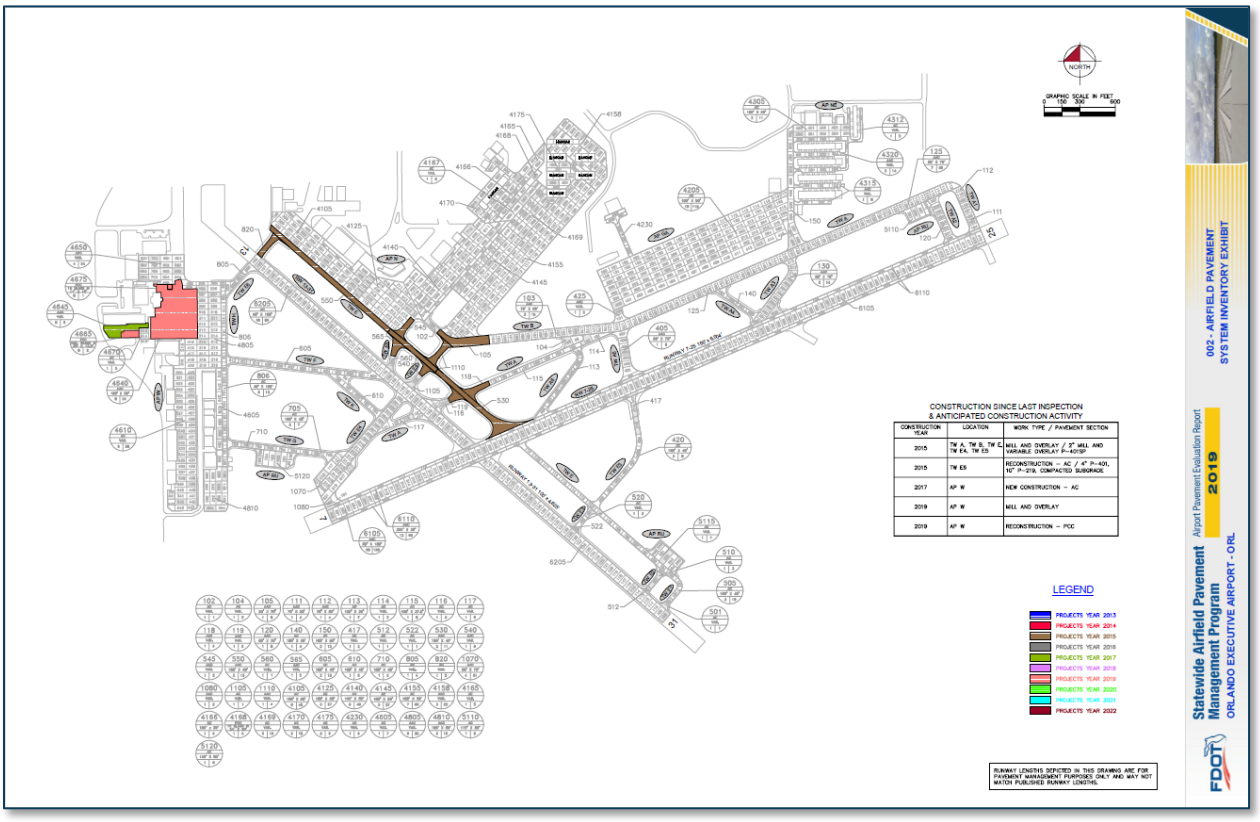
The airport provided a limited combination of record drawings, reports, and staff input that was pertinent information in developing the construction history of the airport's pavements from inception. Major rehabilitation/construction activities performed in the last 24-months or anticipated in the next 24-months are assumed to restore the PCI to 100. These activities include: pavement overlay, mill and replace, mill and overlay, new construction, and/or complete reconstruction. These pavements were not formally subject to a PCI Survey and actual conditions may vary. Furthermore, any localized maintenance or repair performed that would improve the PCI will be considered in the condition analysis, if performed within inspection areas.

*Figure 3.1.1 (a) 2019 Airfield Pavement Network Definition Exhibit*




*The Airfield Pavement Network Definition Exhibit provides details to the PCI Survey inspection efforts. The exhibit identifies the pavement facilities, surface type, section definition, and sample unit delineation.*

*Figure 3.1.1 (b) 2019 Airfield Pavement System Inventory Exhibit*

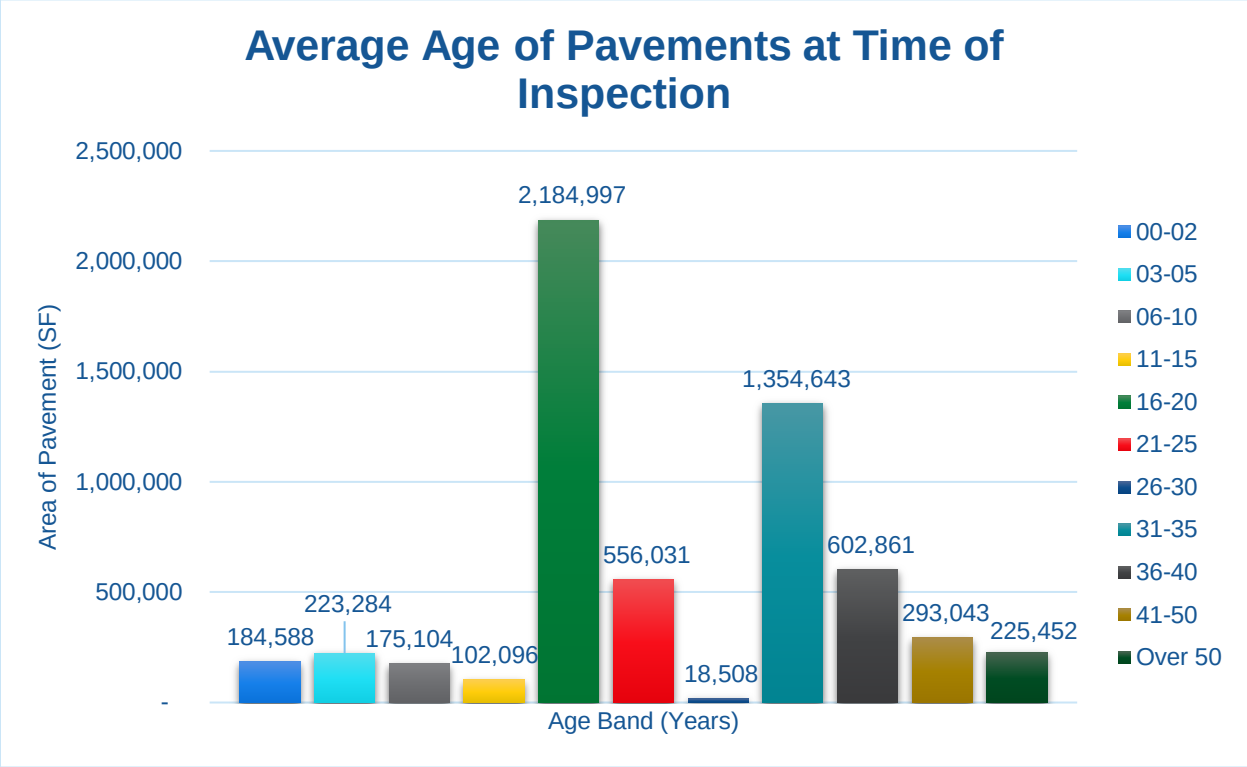



*The Airfield Pavement System Inventory Exhibit provides details to the work history updates communicated by the Airport. The Exhibit provides the approximate limits of recent and/or anticipated construction on the airfield pavement facilities. The limits are based on documentation provided by the Airport and, if constructed, observed in the field.*

## 3.1.2 Estimated Pavement Age

Standard pavement design practice considers a design life of a 20-year period. Design inputs typically require subgrade soil conditions, pavement section layer material characteristics, and anticipated loading (aircraft fleet mix) for the design-life period. Based on the review of the historic airfield pavement construction, **Figure 3.1.2** summarizes the average age of the pavement sections at the time of the PCI survey inspection. Age is determined to be the number of years since any major construction activity has occurred. This is intended to be a rough estimate based on interpretation of the limited data available at the time of report.

*Figure 3.1.2 Average Age of Pavements at Inspection*

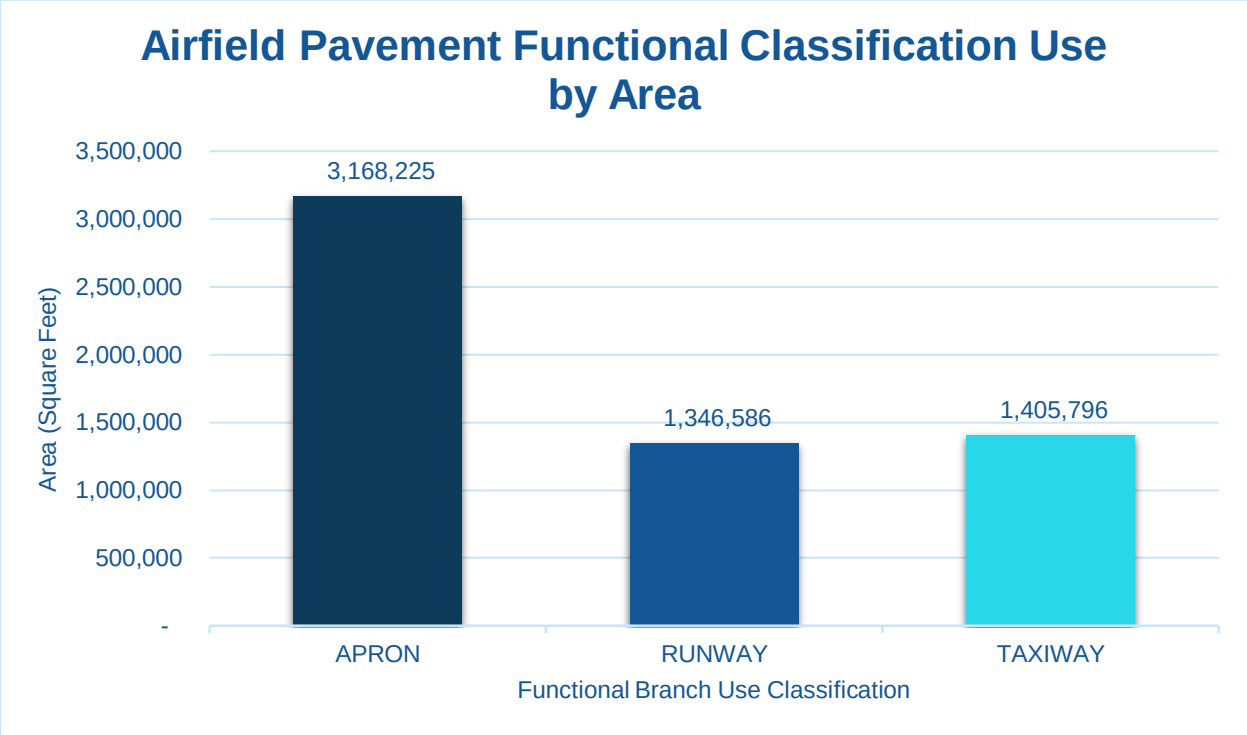



The estimation of the pavement age is based on information requested and provided by participating airports. Additionally, data collected in the prior system updates since 1992 have been relied upon.

### 3.1.3 Functional Use Classification

Pavements are subject to varying aircraft loading patterns based on utilization and overall operations. For this SAPMP Update, the following categories of airfield functional use have been identified and associated with the following possible pavement branch facilities: Apron, Runway, Taxiway, and Taxilane. **Figure 3.1.3** summarizes the identified pavements' functional use by area in square feet. The pavement areas reviewed exclude shoulder pavement facilities.

*Figure 3.1.3 Airfield Pavement Functional Classification Use by Area*



### 3.1.4 Pavement Surface Type

The airfield pavement facility surface types within the SAPMP include four common types of pavement: Portland cement concrete (PCC), asphalt concrete (AC), asphalt concrete overlaid on asphalt concrete (AAC), and asphalt concrete overlaid on Portland cement concrete (APC).

Based on the record documentation incorporated within the SAPMP database throughout the years, the pavement surface types have been assigned to the various pavement sections in accordance to its work history composition. The following **Figures 3.1.4 (a) and (b)** summarize the applicable pavement types observed at this specific airport's airfield.

*Figure 3.1.4 (a) Pavement Surface Type by Area (SF)*

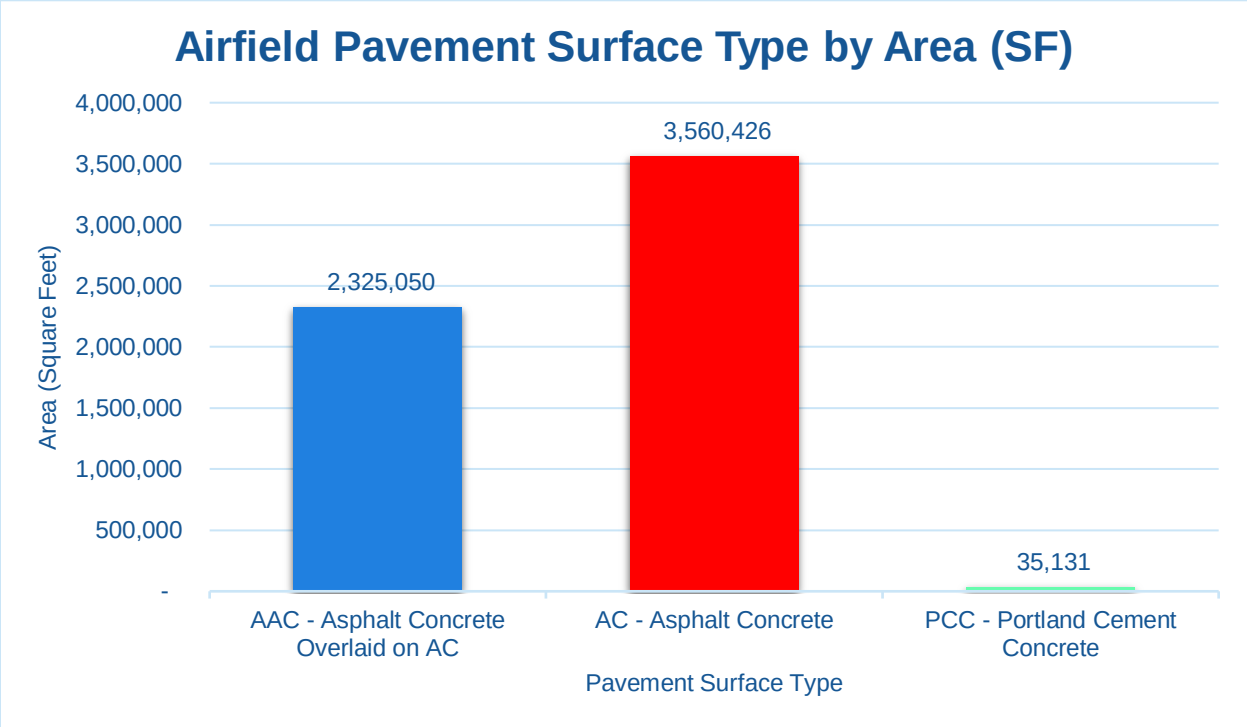
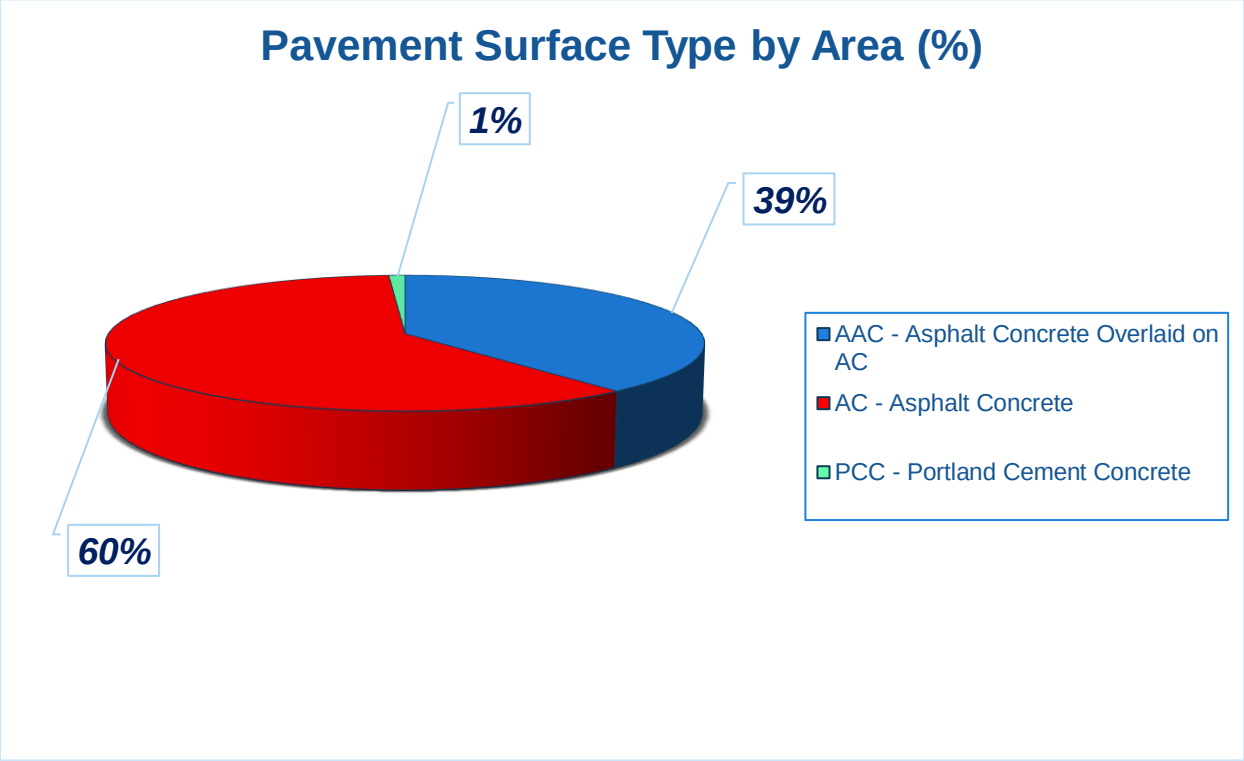


*Figure 3.1.4 (b) Pavement Surface Type by Area (%)*




### 3.1.5 Pavement System Inventory Details

The following **Table 3.1.5** displays the section-level details assembled as part of this update. The section-level details are based on the record documentation provided by the airports to FDOT and from SAPMP System Updates. The details assembled rely on the accuracy and the adequacy of data provided; however, it should be noted that characteristics such as pavement areas may be based on aerial interpretation of spatially projected imagery. The accuracy of data is presented with the intention of a network planning-level document; should the airport elect to perform rehabilitation work, it is recommended that further investigation be performed at the project level for construction purposes.

In summary, the scope of the pavement inventory update resulted in the updating of select existing pavement geometry and the development of an AutoCAD model with spatial projection for use within GIS. **Appendix A** includes the Airfield Pavement Network Definition Exhibit and the Airfield Pavement System Inventory Exhibit which visually summarize the results of the Airfield Pavement System Inventory analysis and reporting.

*Table 3.1.5 Pavement System Inventory Details*

| Network ID | Branch Name | Branch ID | Branch Use | Section ID | Length (FT) | Width (FT) | Area (SF) | Surface Type | Est. Last Construction Date |
|---|---|---|---|---|---|---|---|---|---|
| ORL | GA APRON | AP GA | APRON | 4205 | 1,675 | 364 | 608,614 | AC | 1/1/1984 |
| ORL | GA APRON | AP GA | APRON | 4230 | 1,129 | 50 | 23,614 | AC | 12/25/1999 |
| ORL | NORTH APRON | AP N | APRON | 4105 | 500 | 370 | 200,966 | AC | 1/1/1979 |
| ORL | NORTH APRON | AP N | APRON | 4125 | 400 | 350 | 140,429 | AC | 1/1/1978 |
| ORL | NORTH APRON | AP N | APRON | 4140 | 1,000 | 200 | 237,860 | AC | 1/1/1979 |
| ORL | NORTH APRON | AP N | APRON | 4145 | 700 | 200 | 122,500 | AC | 1/1/1968 |
| ORL | NORTH APRON | AP N | APRON | 4155 | 3,985 | 200 | 337,449 | AC | 1/1/1984 |
| ORL | NORTH APRON | AP N | APRON | 4158 | 580 | 215 | 125,584 | AAC | 1/1/2002 |
| ORL | NORTH APRON | AP N | APRON | 4165 | 270 | 100 | 27,156 | AC | 1/1/1984 |
| ORL | NORTH APRON | AP N | APRON | 4166 | 440 | 50 | 22,635 | AC | 9/1/2012 |
| ORL | NORTH APRON | AP N | APRON | 4167 | 450 | 60 | 28,916 | AC | 1/1/1984 |
| ORL | NORTH APRON | AP N | APRON | 4168 | 500 | 50 | 24,538 | PCC | 1/1/2005 |
| ORL | NORTH APRON | AP N | APRON | 4169 | 400 | 200 | 72,939 | AC | 9/1/2012 |
| ORL | NORTH APRON | AP N | APRON | 4170 | 850 | 100 | 84,878 | AC | 1/1/1984 |
| ORL | NORTH APRON | AP N | APRON | 4175 | 250 | 165 | 42,594 | AC | 1/1/1960 |
| ORL | NE APRON | AP NE | APRON | 4305 | 500 | 100 | 52,643 | AC | 1/1/1984 |
| ORL | NE APRON | AP NE | APRON | 4312 | 450 | 20 | 8,541 | AC | 12/25/1999 |
| ORL | NE APRON | AP NE | APRON | 4315 | 600 | 40 | 24,518 | AAC | 1/1/2007 |
| ORL | NE APRON | AP NE | APRON | 4320 | 1,000 | 50 | 53,040 | AAC | 1/1/2007 |
| ORL | RUN-UP APRONS | AP RU | APRON | 5110 | 233 | 100 | 25,880 | AC | 1/1/2001 |
| ORL | RUN-UP APRONS | AP RU | APRON | 5115 | 255 | 130 | 36,282 | AC | 1/1/2001 |
| ORL | RUN-UP APRONS | AP RU | APRON | 5120 | 420 | 100 | 41,840 | AC | 1/1/2001 |
| ORL | WEST APRON | AP W | APRON | 4605 | 700 | 50 | 34,600 | AC | 1/1/2002 |
| ORL | WEST APRON | AP W | APRON | 4610 | 150 | 1,700 | 260,825 | AC | 1/1/1999 |
| ORL | WEST APRON | AP W | APRON | 4640 | 450 | 350 | 157,964 | AAC | 3/1/2019 |

| Network ID | Branch Name | Branch ID | Branch Use | Section ID | Length (FT) | Width (FT) | Area (SF) | Surface Type | Est. Last Construction Date |
|---|---|---|---|---|---|---|---|---|---|
| ORL | WEST APRON | AP W | APRON | 4645 | 375 | 65 | 24,864 | AC | 12/1/2017 |
| ORL | WEST APRON | AP W | APRON | 4650 | 520 | 220 | 115,747 | AC | 12/1/1998 |
| ORL | WEST APRON | AP W | APRON | 4665 | 150 | 60 | 8,833 | PCC | 6/1/2019 |
| ORL | WEST APRON | AP W | APRON | 4670 | 110 | 100 | 10,856 | AC | 12/1/1998 |
| ORL | WEST APRON | AP W | APRON | 4675 | 44 | 40 | 1,760 | PCC | 3/1/2019 |
| ORL | SE SEGMENT OF WEST APRON | AP W SEGM | APRON | 4805 | 535 | 245 | 129,830 | AAC | 1/1/2001 |
| ORL | SE SEGMENT OF WEST APRON | AP W SEGM | APRON | 4810 | 400 | 200 | 79,530 | AAC | 1/1/2012 |
| ORL | RUNWAY 13-31 | RW 13-31 | RUNWAY | 6205 | 4,500 | 100 | 445,836 | AC | 1/1/1999 |
| ORL | RUNWAY 7-25 | RW 7-25 | RUNWAY | 6105 | 6,005 | 100 | 600,500 | AAC | 1/2/2001 |
| ORL | RUNWAY 7-25 | RW 7-25 | RUNWAY | 6110 | 12,010 | 25 | 300,250 | AAC | 1/2/2001 |
| ORL | TAXIWAY A | TW A | TAXIWAY | 104 | 195 | 65 | 11,949 | AC | 1/1/2001 |
| ORL | TAXIWAY A | TW A | TAXIWAY | 114 | 200 | 50 | 12,579 | AC | 1/1/1999 |
| ORL | TAXIWAY A | TW A | TAXIWAY | 115 | 870 | 38 | 31,644 | AC | 1/1/1984 |
| ORL | TAXIWAY A | TW A | TAXIWAY | 116 | 60 | 150 | 11,579 | AC | 1/1/1984 |
| ORL | TAXIWAY A | TW A | TAXIWAY | 117 | 390 | 35 | 22,912 | AC | 1/1/1984 |
| ORL | TAXIWAY A | TW A | TAXIWAY | 118 | 208 | 47 | 12,843 | AAC | 10/1/2015 |
| ORL | TAXIWAY A | TW A | TAXIWAY | 119 | 104 | 78 | 8,568 | AAC | 10/1/2015 |
| ORL | TAXIWAY A | TW A | TAXIWAY | 125 | 3,400 | 75 | 257,040 | AAC | 1/1/1997 |
| ORL | TAXIWAY A | TW A | TAXIWAY | 150 | 1,000 | 50 | 60,358 | AC | 1/1/1963 |
| ORL | TAXIWAY A1 | TW A1 | TAXIWAY | 111 | 200 | 125 | 15,537 | AAC | 1/1/1997 |
| ORL | TAXIWAY A1 | TW A1 | TAXIWAY | 112 | 190 | 75 | 14,428 | AAC | 1/1/1997 |
| ORL | TAXIWAY A2 | TW A2 | TAXIWAY | 120 | 387 | 75 | 30,935 | AAC | 1/1/1997 |
| ORL | TAXIWAY A3 | TW A3 | TAXIWAY | 130 | 600 | 75 | 56,163 | AAC | 1/1/1997 |
| ORL | TAXIWAY A4 | TW A4 | TAXIWAY | 140 | 397 | 30 | 15,668 | AC | 1/1/1999 |
| ORL | TAXIWAY A5 | TW A5 | TAXIWAY | 405 | 400 | 75 | 37,049 | AAC | 1/1/1997 |
| ORL | TAXIWAY A5 | TW A5 | TAXIWAY | 425 | 95 | 100 | 9,443 | AAC | 1/1/1997 |

| Network ID | Branch Name | Branch ID | Branch Use | Section ID | Length (FT) | Width (FT) | Area (SF) | Surface Type | Est. Last Construction Date |
|---|---|---|---|---|---|---|---|---|---|
| ORL | TAXIWAY A6 | TW A6 | TAXIWAY | 113 | 640 | 35 | 26,953 | AC | 1/1/2001 |
| ORL | TAXIWAY B | TW B | TAXIWAY | 102 | 145 | 50 | 6,388 | AC | 1/1/1991 |
| ORL | TAXIWAY B | TW B | TAXIWAY | 103 | 760 | 75 | 57,000 | AAC | 1/1/1999 |
| ORL | TAXIWAY B | TW B | TAXIWAY | 105 | 435 | 75 | 30,470 | AAC | 12/25/2015 |
| ORL | TAXIWAY E | TW E | TAXIWAY | 505 | 1,822 | 40 | 78,110 | AC | 1/1/1983 |
| ORL | TAXIWAY E | TW E | TAXIWAY | 530 | 680 | 40 | 46,191 | AAC | 12/25/2015 |
| ORL | TAXIWAY E | TW E | TAXIWAY | 540 | 350 | 40 | 21,326 | AAC | 12/25/2015 |
| ORL | TAXIWAY E | TW E | TAXIWAY | 545 | 180 | 45 | 9,618 | AAC | 12/25/2015 |
| ORL | TAXIWAY E | TW E | TAXIWAY | 550 | 1,336 | 40 | 52,982 | AAC | 12/25/2015 |
| ORL | TAXIWAY E1 | TW E1 | TAXIWAY | 501 | 40 | 125 | 5,073 | AC | 1/1/1977 |
| ORL | TAXIWAY E2 | TW E2 | TAXIWAY | 510 | 140 | 40 | 9,644 | AC | 1/1/1983 |
| ORL | TAXIWAY E2 | TW E2 | TAXIWAY | 512 | 75 | 40 | 2,687 | AC | 1/1/1983 |
| ORL | TAXIWAY E3 | TW E3 | TAXIWAY | 417 | 42 | 200 | 8,311 | AC | 1/1/1977 |
| ORL | TAXIWAY E3 | TW E3 | TAXIWAY | 420 | 40 | 900 | 36,384 | AC | 1/1/1984 |
| ORL | TAXIWAY E3 | TW E3 | TAXIWAY | 520 | 225 | 40 | 9,009 | AC | 1/1/1983 |
| ORL | TAXIWAY E3 | TW E3 | TAXIWAY | 522 | 67 | 32 | 2,133 | AC | 1/1/1983 |
| ORL | TAXIWAY E4 | TW E4 | TAXIWAY | 1070 | 1,072 | 75 | 130,837 | AAC | 1/1/1977 |
| ORL | TAXIWAY E4 | TW E4 | TAXIWAY | 1080 | 80 | 50 | 8,393 | AAC | 1/1/1977 |
| ORL | TAXIWAY E4 | TW E4 | TAXIWAY | 1105 | 175 | 38 | 6,580 | AC | 1/1/1991 |
| ORL | TAXIWAY E4 | TW E4 | TAXIWAY | 1110 | 70 | 75 | 20,682 | AAC | 12/25/2015 |
| ORL | TAXIWAY E5 | TW E5 | TAXIWAY | 560 | 115 | 40 | 5,540 | AC | 1/1/1991 |
| ORL | TAXIWAY E5 | TW E5 | TAXIWAY | 565 | 140 | 40 | 9,465 | AAC | 10/1/2015 |
| ORL | TAXIWAY E6 | TW E6 | TAXIWAY | 805 | 185 | 40 | 17,742 | AC | 1/1/1984 |
| ORL | TAXIWAY E6 | TW E6 | TAXIWAY | 820 | 145 | 70 | 11,139 | AC | 12/25/2015 |
| ORL | TAXIWAY F | TW F | TAXIWAY | 605 | 1,300 | 40 | 54,815 | AC | 1/1/1984 |
| ORL | TAXIWAY G | TW G | TAXIWAY | 705 | 660 | 40 | 30,099 | AC | 1/1/1984 |

| Network ID | Branch Name | Branch ID | Branch Use | Section ID | Length (FT) | Width (FT) | Area (SF) | Surface Type | Est. Last Construction Date |
|---|---|---|---|---|---|---|---|---|---|
| ORL | TAXIWAY G | TW G | TAXIWAY | 710 | 215 | 40 | 9,812 | AC | 1/1/1988 |
| ORL | TAXIWAY H | TW H | TAXIWAY | 806 | 1,560 | 40 | 62,452 | AC | 1/1/1983 |
| ORL | TAXIWAY K | TW K | TAXIWAY | 610 | 500 | 50 | 27,266 | AC | 1/1/1999 |

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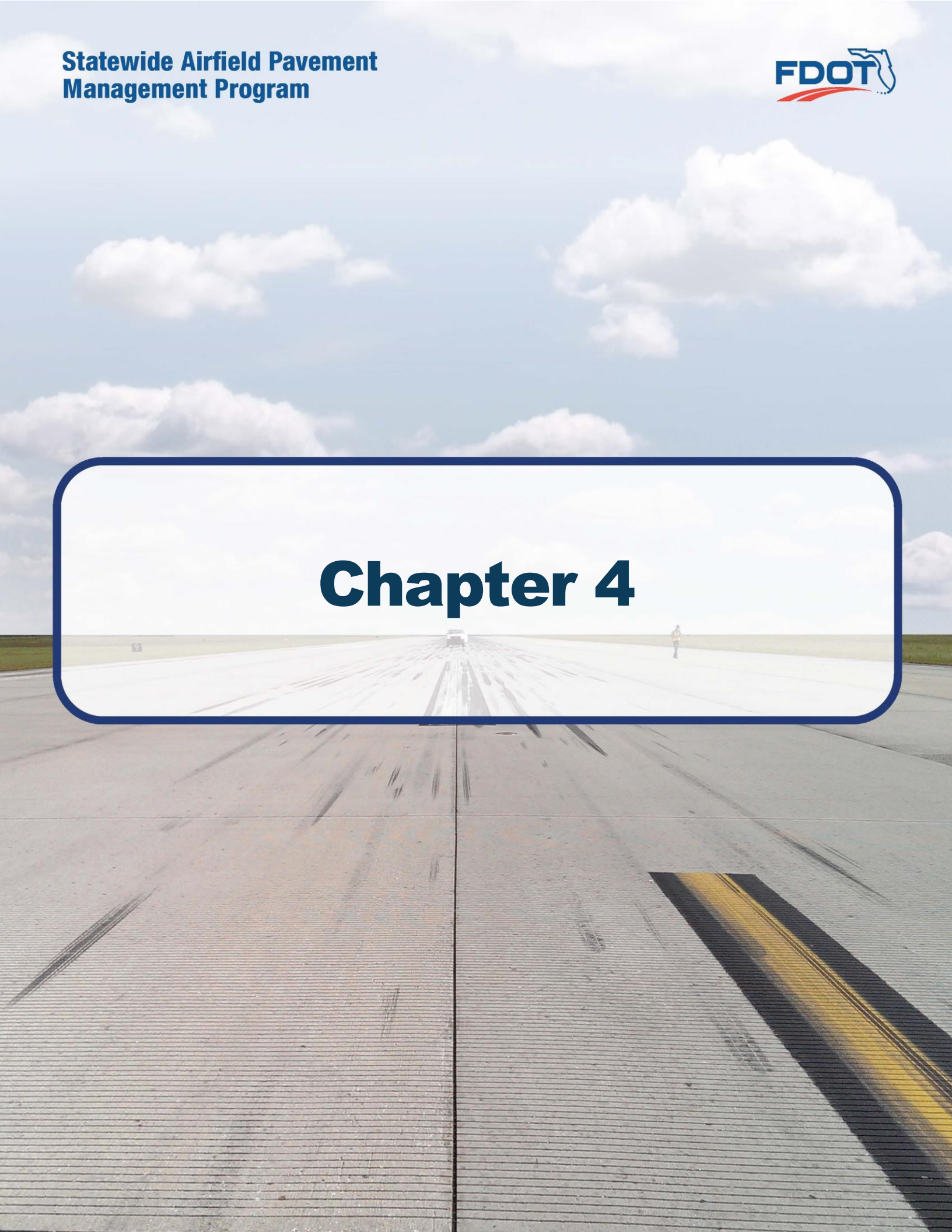


# Chapter 4

# Chapter 4 – Airfield Pavement Condition

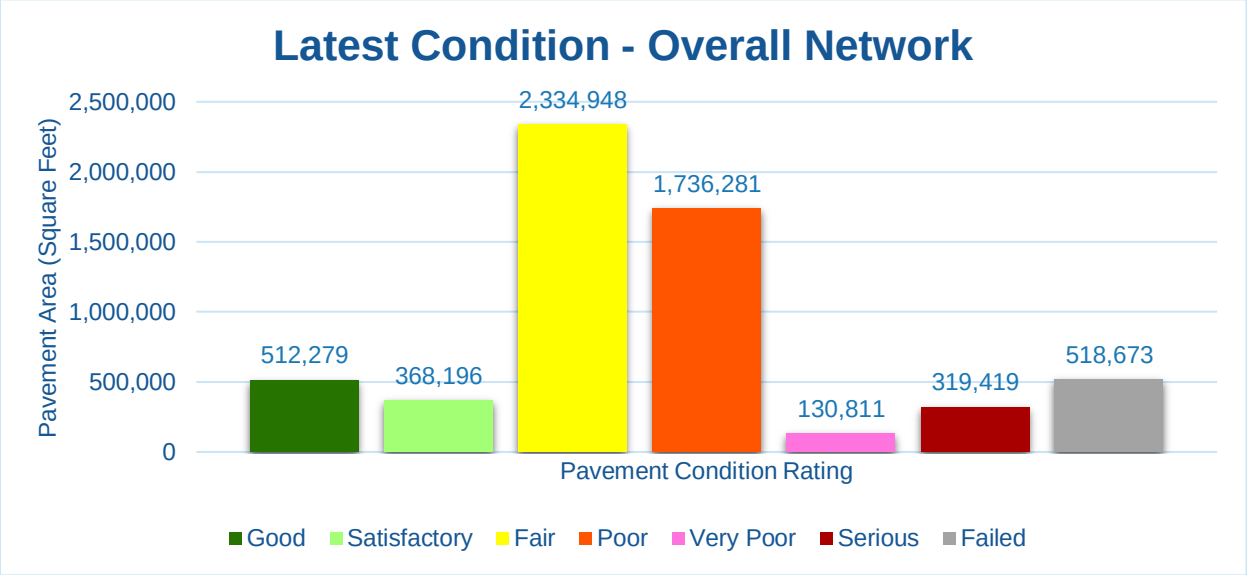
The examination of specific distress types (with causes attributed to load, climate, or other defined distress mechanism), determination of the severity of distress, and determination of the quantity of distress manifestation are required in the computation of a PCI value. The PCI provides valuable information that can be used to determine the existing condition of the pavement, possible cause of the pavement deterioration, and eventually aid in the planning of the rehabilitation of pavements. It should be noted that the PCI method of pavement condition evaluation is strictly a visual and functional evaluation. Further evaluation of the pavement condition may be necessary for design and/or project-level determination of pavement rehabilitation.

## 4.1 Airfield Pavement Condition Index (Latest Inspection)

### *4.1.1 Network-Level Analysis*

The following **Figure 4.1.1** summarizes the network-level pavement condition analysis based on the most recent PCI Survey inspection results.

***Figure 4.1.1 Latest Condition – Overall Network***




### *4.1.2 Branch-Level Analysis*

The following **Figures 4.1.2 (a) through (c)** summarize the branch-level pavement condition analysis based on the most recent PCI Survey inspection results; the following Figures provide overall branch-level conditions by branch use.

*Figure 4.1.2 (a) Latest Condition – Runway Pavements*

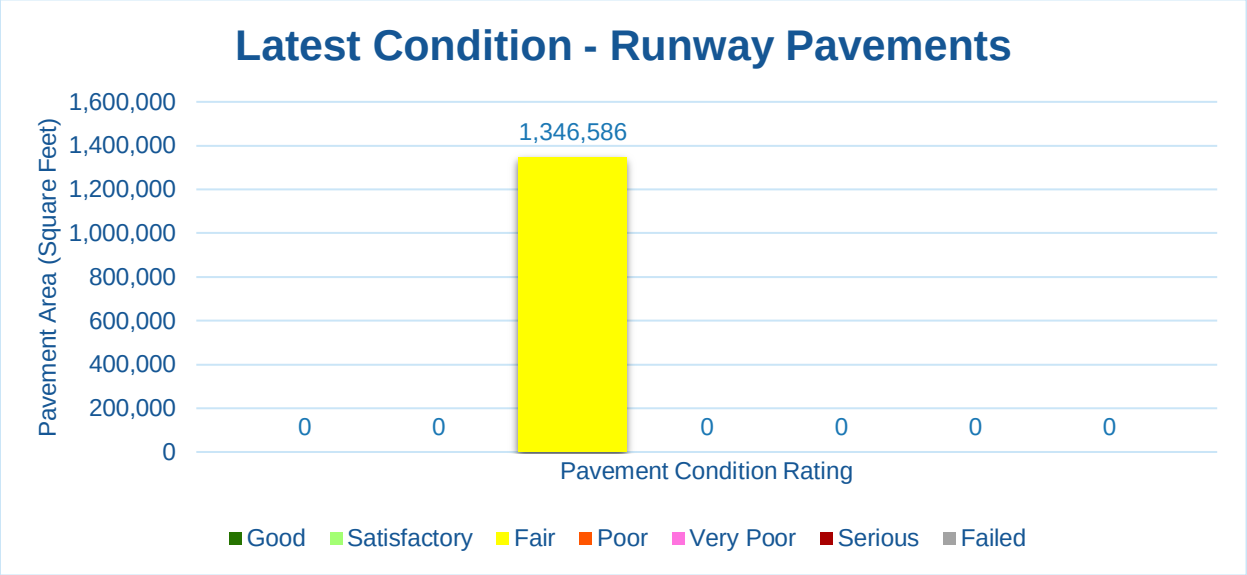



*Figure 4.1.2 (b) Latest Condition – Taxiway Pavements*

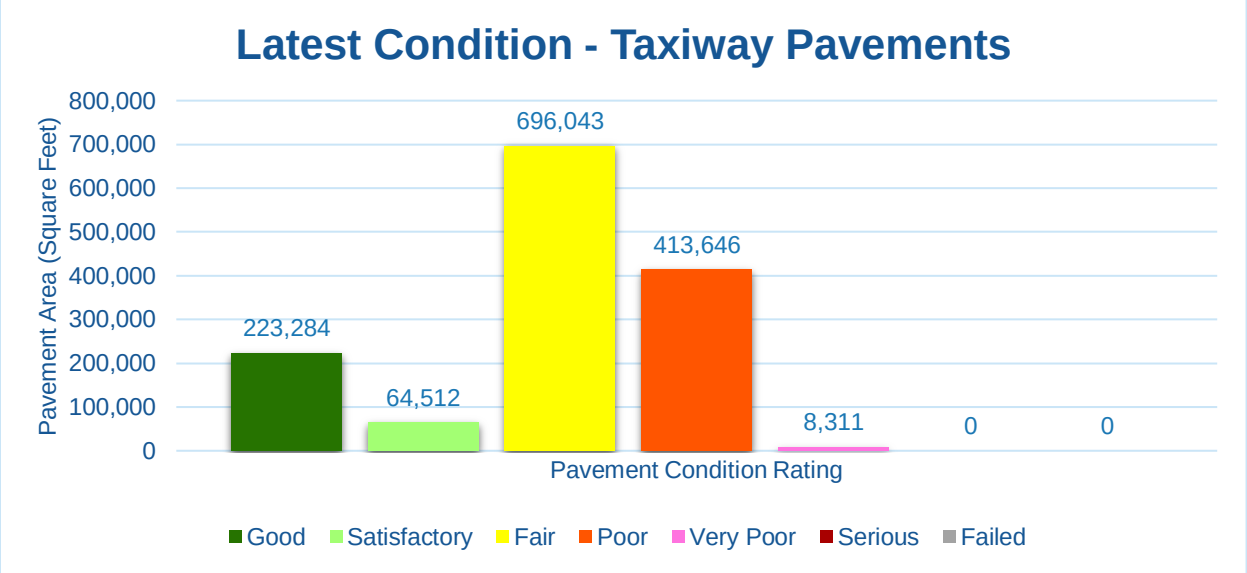
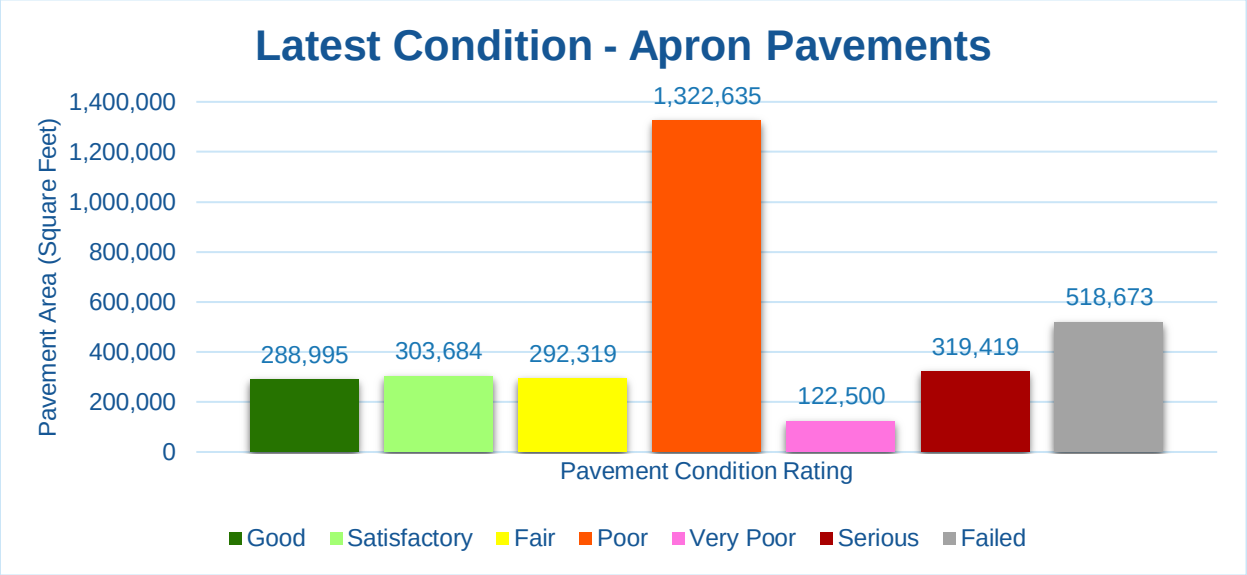


*Figure 4.1.2 (c) Latest Condition – Apron Pavements*




### 4.1.3 Section-Level Analysis

The following **Table 4.1.3** provides details for each pavement section of its area-weighted average PCI and the percent of distress which is related to load, climate, or other factors. The amount of distress attributed to the various causes provides insight into maintenance, repair, and rehabilitation needs. Load-related distress indicates that pavements are reaching the end of their structural design life, and for those pavements exhibiting a significant amount of these distress types, rehabilitation should be planned to strengthen or reconstruct the pavement. **Appendix C Technical Exhibits** provides a technical exhibit that graphically depicts the PCI values and ratings determined from this SAPMP System Update.

Any pavement facilities subject to pavement construction within the past 2 years or anticipated for construction within the next year may have been omitted from inspection. Pavement subject to major rehabilitation will be set to a PCI of 100.

*Table 4.1.3 Latest Pavement Condition Index Summary*

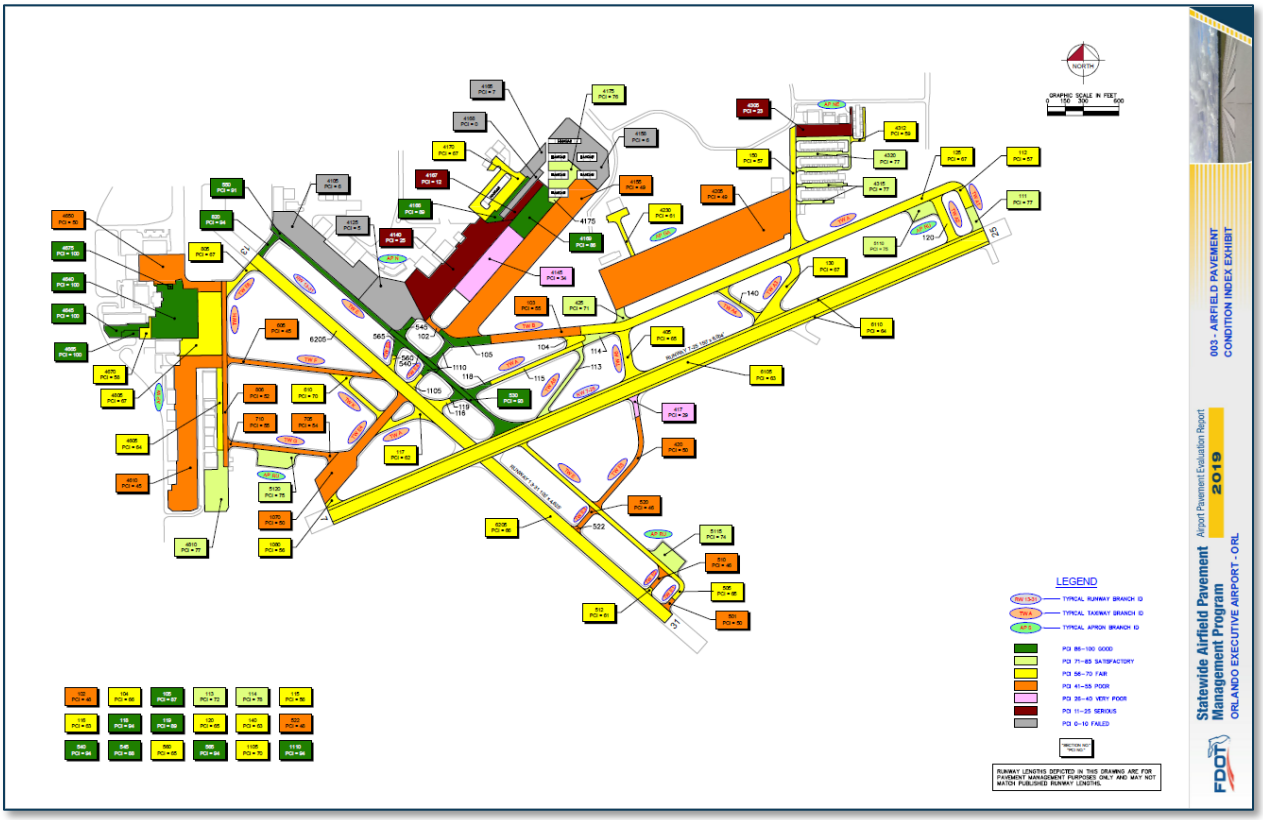
| Network ID | Branch ID | Branch Name | Branch Use | Section ID | Area (SF) | Surface | PCI | PCI Rating | PCI % Climate | PCI % Load | PCI % Other | Sample Units Inspected | Total Sample Units in Section |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ORL | AP GA | GA APRON | APRON | 4205 | 608,614 | AC | 49 | Poor | 97% | 0% | 3% | 10 | 118 |
| ORL | AP GA | GA APRON | APRON | 4230 | 23,614 | AC | 61 | Fair | 100% | 0% | 0% | 1 | 6 |
| ORL | AP N | NORTH APRON | APRON | 4105 | 200,966 | AC | 6 | Failed | 78% | 21% | 1% | 5 | 42 |
| ORL | AP N | NORTH APRON | APRON | 4125 | 140,429 | AC | 5 | Failed | 70% | 30% | 0% | 3 | 27 |
| ORL | AP N | NORTH APRON | APRON | 4140 | 237,860 | AC | 25 | Serious | 96% | 0% | 4% | 6 | 46 |
| ORL | AP N | NORTH APRON | APRON | 4145 | 122,500 | AC | 34 | Very Poor | 100% | 0% | 0% | 3 | 27 |
| ORL | AP N | NORTH APRON | APRON | 4155 | 337,449 | AC | 49 | Poor | 100% | 0% | 0% | 7 | 69 |
| ORL | AP N | NORTH APRON | APRON | 4158 | 125,584 | AAC | 6 | Failed | 96% | 0% | 4% | 3 | 25 |
| ORL | AP N | NORTH APRON | APRON | 4165 | 27,156 | AC | 7 | Failed | 91% | 0% | 9% | 1 | 5 |
| ORL | AP N | NORTH APRON | APRON | 4166 | 22,635 | AC | 89 | Good | 100% | 0% | 0% | 1 | 6 |
| ORL | AP N | NORTH APRON | APRON | 4167 | 28,916 | AC | 12 | Serious | 60% | 35% | 5% | 1 | 5 |
| ORL | AP N | NORTH APRON | APRON | 4168 | 24,538 | PCC | 0 | Failed | 8% | 92% | 0% | 1 | 4 |
| ORL | AP N | NORTH APRON | APRON | 4169 | 72,939 | AC | 86 | Good | 100% | 0% | 0% | 3 | 16 |
| ORL | AP N | NORTH APRON | APRON | 4170 | 84,878 | AC | 67 | Fair | 99% | 0% | 1% | 3 | 18 |
| ORL | AP N | NORTH APRON | APRON | 4175 | 42,594 | AC | 76 | Satisfactory | 73% | 0% | 27% | 2 | 9 |
| ORL | AP NE | NE APRON | APRON | 4305 | 52,643 | AC | 23 | Serious | 83% | 9% | 8% | 2 | 11 |
| ORL | AP NE | NE APRON | APRON | 4312 | 8,541 | AC | 59 | Fair | 64% | 0% | 36% | 1 | 2 |
| ORL | AP NE | NE APRON | APRON | 4315 | 24,518 | AAC | 77 | Satisfactory | 100% | 0% | 0% | 1 | 5 |
| ORL | AP NE | NE APRON | APRON | 4320 | 53,040 | AAC | 77 | Satisfactory | 100% | 0% | 0% | 2 | 14 |
| ORL | AP RU | RUN-UP APRONS | APRON | 5110 | 25,880 | AC | 75 | Satisfactory | 83% | 0% | 17% | 1 | 5 |
| ORL | AP RU | RUN-UP APRONS | APRON | 5115 | 36,282 | AC | 74 | Satisfactory | 87% | 0% | 13% | 1 | 7 |
| ORL | AP RU | RUN-UP APRONS | APRON | 5120 | 41,840 | AC | 75 | Satisfactory | 67% | 0% | 33% | 1 | 8 |
| ORL | AP W | WEST APRON | APRON | 4605 | 34,600 | AC | 64 | Fair | 96% | 0% | 4% | 1 | 7 |
| ORL | AP W | WEST APRON | APRON | 4610 | 260,825 | AC | 45 | Poor | 92% | 0% | 8% | 6 | 58 |
| ORL | AP W | WEST APRON | APRON | 4640 | 157,964 | AAC | 100 | Good | 0% | 0% | 0% | 0 | 34 |
| ORL | AP W | WEST APRON | APRON | 4645 | 24,864 | AC | 100 | Good | 0% | 0% | 0% | 0 | 5 |
| ORL | AP W | WEST APRON | APRON | 4650 | 115,747 | AC | 50 | Poor | 94% | 0% | 6% | 4 | 24 |
| ORL | AP W | WEST APRON | APRON | 4665 | 8,833 | PCC | 100 | Good | 6% | 55% | 39% | 0 | 2 |
| ORL | AP W | WEST APRON | APRON | 4670 | 10,856 | AC | 58 | Fair | 89% | 0% | 11% | 1 | 3 |
| ORL | AP W | WEST APRON | APRON | 4675 | 1,760 | PCC | 100 | Good | 0% | 0% | 0% | 0 | 1 |
| ORL | AP W SEGM | SE SEGMENT OF WEST APRON | APRON | 4805 | 129,830 | AAC | 67 | Fair | 98% | 0% | 2% | 3 | 26 |
| ORL | AP W SEGM | SE SEGMENT OF WEST APRON | APRON | 4810 | 79,530 | AAC | 77 | Satisfactory | 71% | 0% | 29% | 3 | 15 |
| ORL | RW 13-31 | RUNWAY 13-31 | RUNWAY | 6205 | 445,836 | AC | 66 | Fair | 67% | 0% | 33% | 18 | 89 |
| ORL | RW 7-25 | RUNWAY 7-25 | RUNWAY | 6105 | 600,500 | AAC | 63 | Fair | 93% | 0% | 7% | 20 | 120 |
| ORL | RW 7-25 | RUNWAY 7-25 | RUNWAY | 6110 | 300,250 | AAC | 64 | Fair | 87% | 0% | 13% | 12 | 60 |
| ORL | TW A | TAXIWAY A | TAXIWAY | 104 | 11,949 | AC | 66 | Fair | 76% | 0% | 24% | 1 | 2 |
| ORL | TW A | TAXIWAY A | TAXIWAY | 114 | 12,579 | AC | 78 | Satisfactory | 100% | 0% | 0% | 1 | 2 |

| Network ID | Branch ID | Branch Name | Branch Use | Section ID | Area (SF) | Surface | PCI | PCI Rating | PCI % Climate | PCI % Load | PCI % Other | Sample Units Inspected | Total Sample Units in Section |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ORL | TW A | TAXIWAY A | TAXIWAY | 115 | 31,644 | AC | 56 | Fair | 100% | 0% | 0% | 1 | 8 |
| ORL | TW A | TAXIWAY A | TAXIWAY | 116 | 11,579 | AC | 63 | Fair | 100% | 0% | 0% | 1 | 3 |
| ORL | TW A | TAXIWAY A | TAXIWAY | 117 | 22,912 | AC | 62 | Fair | 100% | 0% | 0% | 1 | 5 |
| ORL | TW A | TAXIWAY A | TAXIWAY | 118 | 12,843 | AAC | 94 | Good | 100% | 0% | 0% | 1 | 3 |
| ORL | TW A | TAXIWAY A | TAXIWAY | 119 | 8,568 | AAC | 89 | Good | 100% | 0% | 0% | 1 | 2 |
| ORL | TW A | TAXIWAY A | TAXIWAY | 125 | 257,040 | AAC | 67 | Fair | 68% | 0% | 32% | 7 | 68 |
| ORL | TW A | TAXIWAY A | TAXIWAY | 150 | 60,358 | AC | 57 | Fair | 84% | 0% | 16% | 2 | 12 |
| ORL | TW A1 | TAXIWAY A1 | TAXIWAY | 111 | 15,537 | AAC | 77 | Satisfactory | 100% | 0% | 0% | 1 | 4 |
| ORL | TW A1 | TAXIWAY A1 | TAXIWAY | 112 | 14,428 | AAC | 57 | Fair | 68% | 32% | 0% | 1 | 4 |
| ORL | TW A2 | TAXIWAY A2 | TAXIWAY | 120 | 30,935 | AAC | 65 | Fair | 86% | 0% | 14% | 1 | 8 |
| ORL | TW A3 | TAXIWAY A3 | TAXIWAY | 130 | 56,163 | AAC | 67 | Fair | 74% | 0% | 26% | 3 | 14 |
| ORL | TW A4 | TAXIWAY A4 | TAXIWAY | 140 | 15,668 | AC | 63 | Fair | 65% | 0% | 35% | 1 | 4 |
| ORL | TW A5 | TAXIWAY A5 | TAXIWAY | 405 | 37,049 | AAC | 65 | Fair | 81% | 0% | 19% | 1 | 8 |
| ORL | TW A5 | TAXIWAY A5 | TAXIWAY | 425 | 9,443 | AAC | 71 | Satisfactory | 96% | 0% | 4% | 1 | 2 |
| ORL | TW A6 | TAXIWAY A6 | TAXIWAY | 113 | 26,953 | AC | 72 | Satisfactory | 81% | 0% | 19% | 1 | 7 |
| ORL | TW B | TAXIWAY B | TAXIWAY | 102 | 6,388 | AC | 48 | Poor | 100% | 0% | 0% | 1 | 1 |
| ORL | TW B | TAXIWAY B | TAXIWAY | 103 | 57,000 | AAC | 55 | Poor | 77% | 0% | 23% | 2 | 15 |
| ORL | TW B | TAXIWAY B | TAXIWAY | 105 | 30,470 | AAC | 87 | Good | 100% | 0% | 0% | 1 | 8 |
| ORL | TW E | TAXIWAY E | TAXIWAY | 505 | 78,110 | AC | 65 | Fair | 100% | 0% | 0% | 3 | 19 |
| ORL | TW E | TAXIWAY E | TAXIWAY | 530 | 46,191 | AAC | 93 | Good | 100% | 0% | 0% | 2 | 11 |
| ORL | TW E | TAXIWAY E | TAXIWAY | 540 | 21,326 | AAC | 94 | Good | 100% | 0% | 0% | 1 | 5 |
| ORL | TW E | TAXIWAY E | TAXIWAY | 545 | 9,618 | AAC | 88 | Good | 100% | 0% | 0% | 1 | 2 |
| ORL | TW E | TAXIWAY E | TAXIWAY | 550 | 52,982 | AAC | 91 | Good | 100% | 0% | 0% | 2 | 13 |
| ORL | TW E1 | TAXIWAY E1 | TAXIWAY | 501 | 5,073 | AC | 50 | Poor | 93% | 0% | 7% | 1 | 1 |
| ORL | TW E2 | TAXIWAY E2 | TAXIWAY | 510 | 9,644 | AC | 46 | Poor | 96% | 0% | 4% | 1 | 2 |
| ORL | TW E2 | TAXIWAY E2 | TAXIWAY | 512 | 2,687 | AC | 61 | Fair | 90% | 0% | 10% | 1 | 1 |
| ORL | TW E3 | TAXIWAY E3 | TAXIWAY | 417 | 8,311 | AC | 29 | Very Poor | 100% | 0% | 0% | 1 | 2 |
| ORL | TW E3 | TAXIWAY E3 | TAXIWAY | 420 | 36,384 | AC | 50 | Poor | 47% | 9% | 44% | 3 | 8 |
| ORL | TW E3 | TAXIWAY E3 | TAXIWAY | 520 | 9,009 | AC | 46 | Poor | 95% | 0% | 5% | 1 | 2 |
| ORL | TW E3 | TAXIWAY E3 | TAXIWAY | 522 | 2,133 | AC | 48 | Poor | 79% | 0% | 21% | 1 | 1 |
| ORL | TW E4 | TAXIWAY E4 | TAXIWAY | 1070 | 130,837 | AAC | 50 | Poor | 98% | 0% | 2% | 4 | 31 |
| ORL | TW E4 | TAXIWAY E4 | TAXIWAY | 1080 | 8,393 | AAC | 56 | Fair | 100% | 0% | 0% | 1 | 2 |
| ORL | TW E4 | TAXIWAY E4 | TAXIWAY | 1105 | 6,580 | AC | 70 | Fair | 95% | 0% | 5% | 1 | 1 |
| ORL | TW E4 | TAXIWAY E4 | TAXIWAY | 1110 | 20,682 | AAC | 94 | Good | 100% | 0% | 0% | 1 | 4 |
| ORL | TW E5 | TAXIWAY E5 | TAXIWAY | 560 | 5,540 | AC | 65 | Fair | 100% | 0% | 0% | 1 | 1 |
| ORL | TW E5 | TAXIWAY E5 | TAXIWAY | 565 | 9,465 | AAC | 94 | Good | 100% | 0% | 0% | 1 | 2 |
| ORL | TW E6 | TAXIWAY E6 | TAXIWAY | 805 | 17,742 | AC | 67 | Fair | 100% | 0% | 0% | 1 | 4 |
| ORL | TW E6 | TAXIWAY E6 | TAXIWAY | 820 | 11,139 | AC | 94 | Good | 100% | 0% | 0% | 1 | 3 |

| Network ID | Branch ID | Branch Name | Branch Use | Section ID | Area (SF) | Surface | PCI | PCI Rating | PCI % Climate | PCI % Load | PCI % Other | Sample Units Inspected | Total Sample Units in Section |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ORL | TW F | TAXIWAY F | TAXIWAY | 605 | 54,815 | AC | 45 | Poor | 99% | 0% | 1% | 2 | 13 |
| ORL | TW G | TAXIWAY G | TAXIWAY | 705 | 30,099 | AC | 54 | Poor | 80% | 0% | 20% | 2 | 7 |
| ORL | TW G | TAXIWAY G | TAXIWAY | 710 | 9,812 | AC | 55 | Poor | 81% | 0% | 19% | 1 | 2 |
| ORL | TW H | TAXIWAY H | TAXIWAY | 806 | 62,452 | AC | 52 | Poor | 100% | 0% | 0% | 3 | 16 |
| ORL | TW K | TAXIWAY K | TAXIWAY | 610 | 27,266 | AC | 70 | Fair | 87% | 0% | 13% | 1 | 6 |

**Figure 4.1.3** is an inset view of the 2019 Airfield Pavement Condition Index Exhibit that visually represents the results of the latest PCI Survey inspection. A large format exhibit is located in **Appendix C Technical Exhibits.**

*Figure 4.1.3 2019 Airfield Pavement Condition Index Exhibit*



## 4.2 Summary of Pavement Condition Evaluation Results

### 4.2.1 Network-Level Observations

The field PCI Survey performed at Orlando Executive Airport (ORL) was completed in March 2019.The resulting overall area-weighted average PCI value was 55 representing a condition rating of Poor. Orlando Executive Airport is serviced by two runways; Runway 7-25 is 150-ft wide and 6,004-ft long and Runway 13-31 is 100-ft wide and 4,625-ft long. Due to recent construction, a portion of the West Apron was not inspected. The recently rehabbed area will have a PCI of 100, a condition rating of Good.

Based on the FAA 5010 Report as of 09/12/2019 the Airport has reported 10*,483 operations for 12 months ending 08/17/2018.

### 4.2.2 Branch-Level Observations

The following branch-level observations are intended to be an overall summary of select pavement facilities identified during the PCI Survey; further detail at the section and sample-level may be referenced for all pavements assessed as part of this System Update. The branch-level observations discussed are limited to select branches based on use and condition.

#### *Runway 13-31*

Runway 13-31 consists of 1 section constructed of AC. The last construction year for Runway 13-31 was 1999. The area-weighted average PCI for Runway 13-31 is 66, representing a Fair condition rating. The pavement distresses observed were related to Climate and Other distress classifications. Distresses observed on Runway 13-31 consist of Depression, Longitudinal & Transverse Cracking, Raveling, Swelling, and Weathering.

#### *Runway 7-25*

Runway 7-25 consists of 2 sections constructed of AAC. The last construction year for Runway 7-25 was 2001. The area-weighted average PCI for Runway 7-25 is 63 representing a Fair condition rating. The pavement distresses observed were related to Climate and Other distress classifications. Distresses observed on Runway 7-25 consist of Depression, Longitudinal & Transverse Cracking, Raveling, Swelling, and Weathering.

#### *Taxiway A*

Taxiway A consists of 9 sections constructed of AC and AAC. The last construction years range from 1963 to 2015. The area-weighted average PCI for Taxiway A is 65 representing a Fair condition rating. The pavement distresses observed were related to Climate and Other distress classifications. Distresses observed on Taxiway A consist of Bleeding, Block Cracking, Longitudinal & Transverse Cracking, Raveling, Swelling, and Weathering.

#### *Taxiway H*

Taxiway H consists of 1 section constructed of AC. The last construction year for Taxiway H was 1983. The area-weighted average PCI for Taxiway H is 52 representing a Poor condition rating. The pavement distress observed was related to Climate distress classifications. Distresses observed on Taxiway H consist of Block Cracking, Longitudinal & Transverse Cracking, and Raveling.

### *GA Apron*

GA Apron consists of 2 sections constructed of AC. The last construction years range from 1984 to 1999. The area-weighted average PCI for GA Apron is 49 representing a Poor condition rating. The pavement distresses observed were related to Climate and Other distress classifications. Distresses observed on GA Apron consist of Block Cracking, Longitudinal & Transverse Cracking, Raveling, and Swelling.

### *North Apron*

North Apron consists of 13 sections constructed of AC, AAC, and PCC. The last construction years range from 1960 to 2012. The area-weighted average PCI for North Apron is 32 representing a Very Poor condition rating. The pavement distresses observed were related to Climate, Load, and Other distress classifications. Distresses observed on North Apron consist of Alligator Cracking, Block Cracking, Depression, Longitudinal & Transverse Cracking, Patching, Raveling, Rutting, Swelling, Weathering, Joint Seal Damage, and Shattered Slab.

### *West Apron*

West Apron consists of 8 sections constructed of AC, AAC, and PCC. The last construction years range from 1998 to 2019. The area-weighted average PCI for West Apron is 64 representing a Fair condition rating. The pavement distresses observed were related to Climate, Load, and Other distress classifications. Distresses observed on West Apron consist of Block Cracking, Depression, Longitudinal & Transverse Cracking, Oil Spillage, Patching, Raveling, Swelling, Weathering, Corner Break, Linear Cracking, Joint Seal Damage, Small Patch, Scaling, Faulting, Shattered Slab, Shrinkage Cracking, Joint Spall, and Corner Spall.

***Figure 4.2.2 Pavement Condition Summary by Facility Use***

| Facility Use | Area-Weighted Average PCI | Condition Rating |
|---|---|---|
| **Runway** | 64 | Fair |
| **Taxiway** | 65 | Fair |
| **Apron** | 46 | Poor |

## 4.3 Forecasted Pavement Conditions

### 4.3.1 Performance Models and Prediction Curves

Pavement Performance Models are developed from the distress data and historic construction records collected for the SAPMP. This data is consolidated in a database and organized by inspection/construction date, pavement type, age, and pavement use. The pavement Performance Models are used to develop broad Prediction Curves, alternatively known as deterioration curves or family curves. These Prediction Curves are utilized to developed forecasted PCI values based on historic trends and statistical models.

### 4.3.2 Branch-Level Pavement Condition Forecast

The following **Figures 4.3.2 (a) through (c)** depict the branch-level pavement condition forecast by Branch Use (Runway, Taxiway, and/or Apron). The forecasted conditions are for a 10-year duration starting in January 2020 through January 2029.

*Figure 4.3.2 (a) Forecasted Runway Pavement Performance*

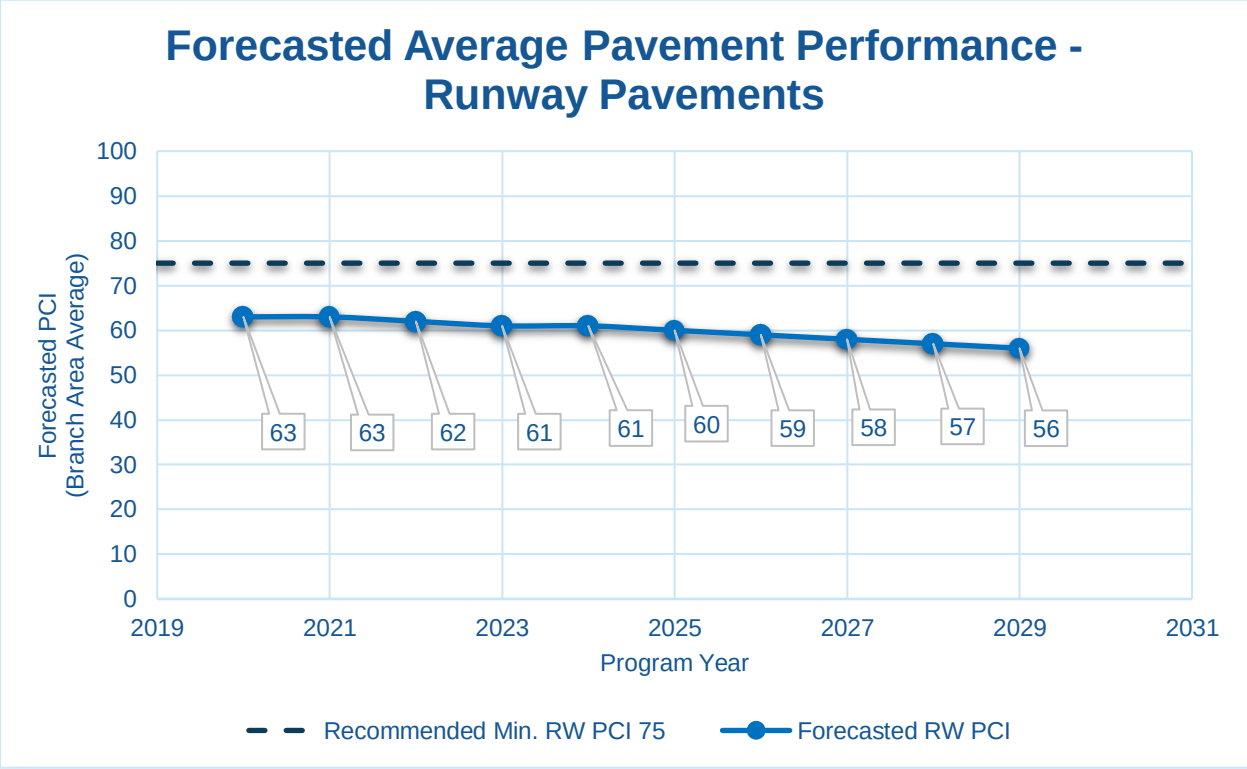


*Figure 4.3.2 (b) Forecasted Taxiway Pavement Performance*

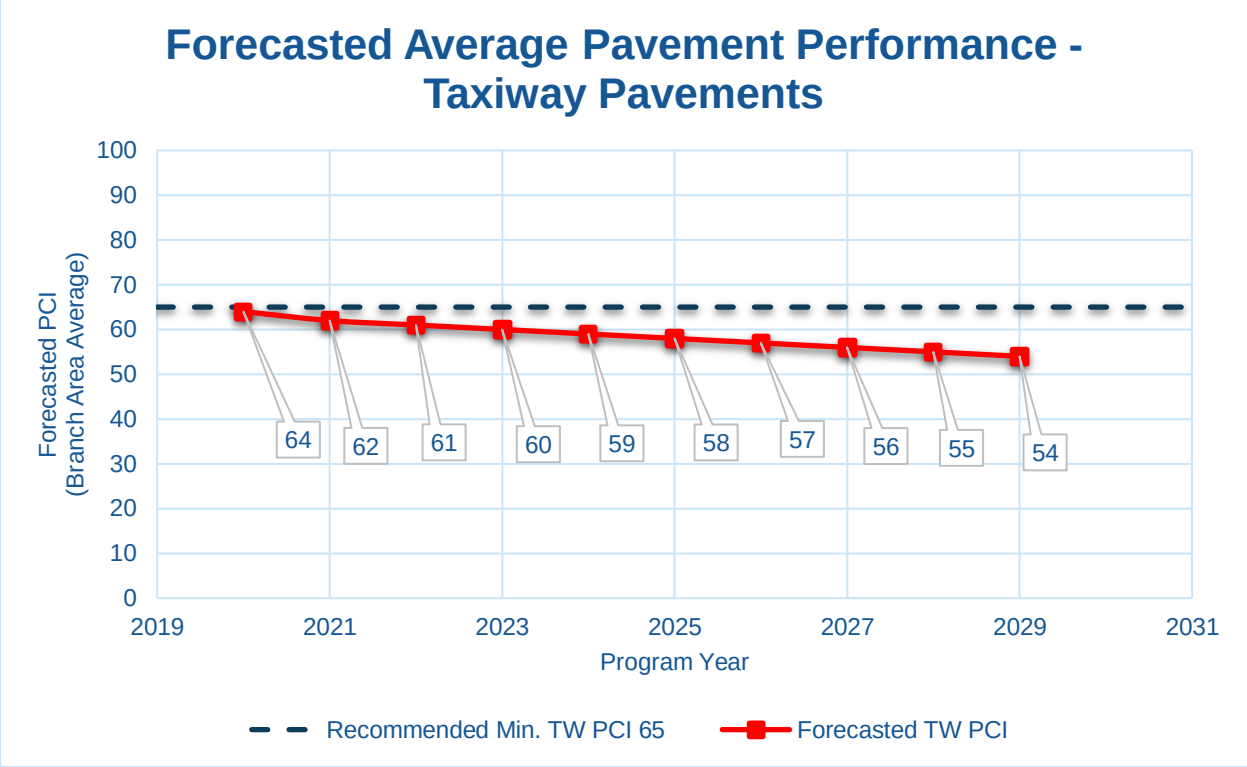
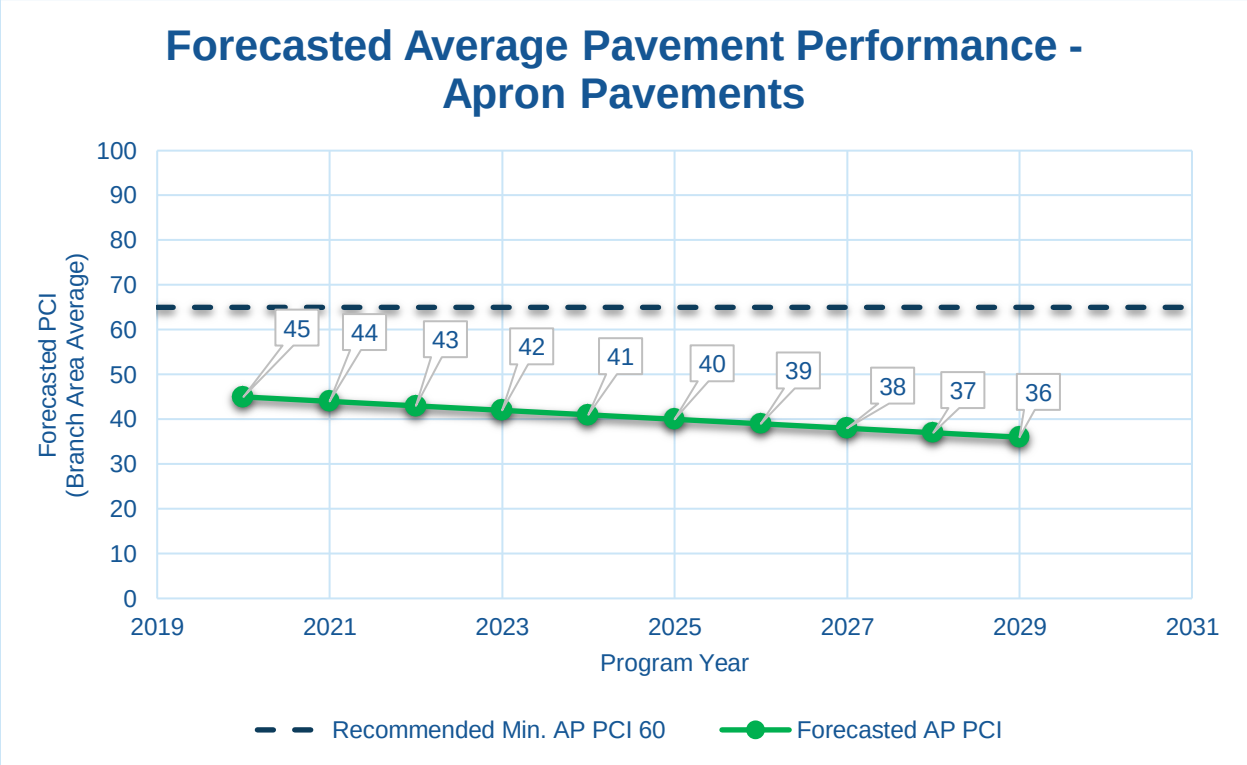



*Figure 4.3.2 (c) Forecasted Apron Pavement Performance*



### 4.3.3 Section-Level Pavement Condition Forecast

The following **Table 4.3.3** provides detail to the forecasted PCI values for each section inspected. Please note the forecasted Branch- and Section-Level PCI's are for planning purposes and are subject to the sensitivities in changes in traffic and maintenance frequency. Airport staff should perform annual visual condition assessments to maintain recent understanding of pavement conditions.

*Table 4.3.3 Forecasted PCI 2020-2029*

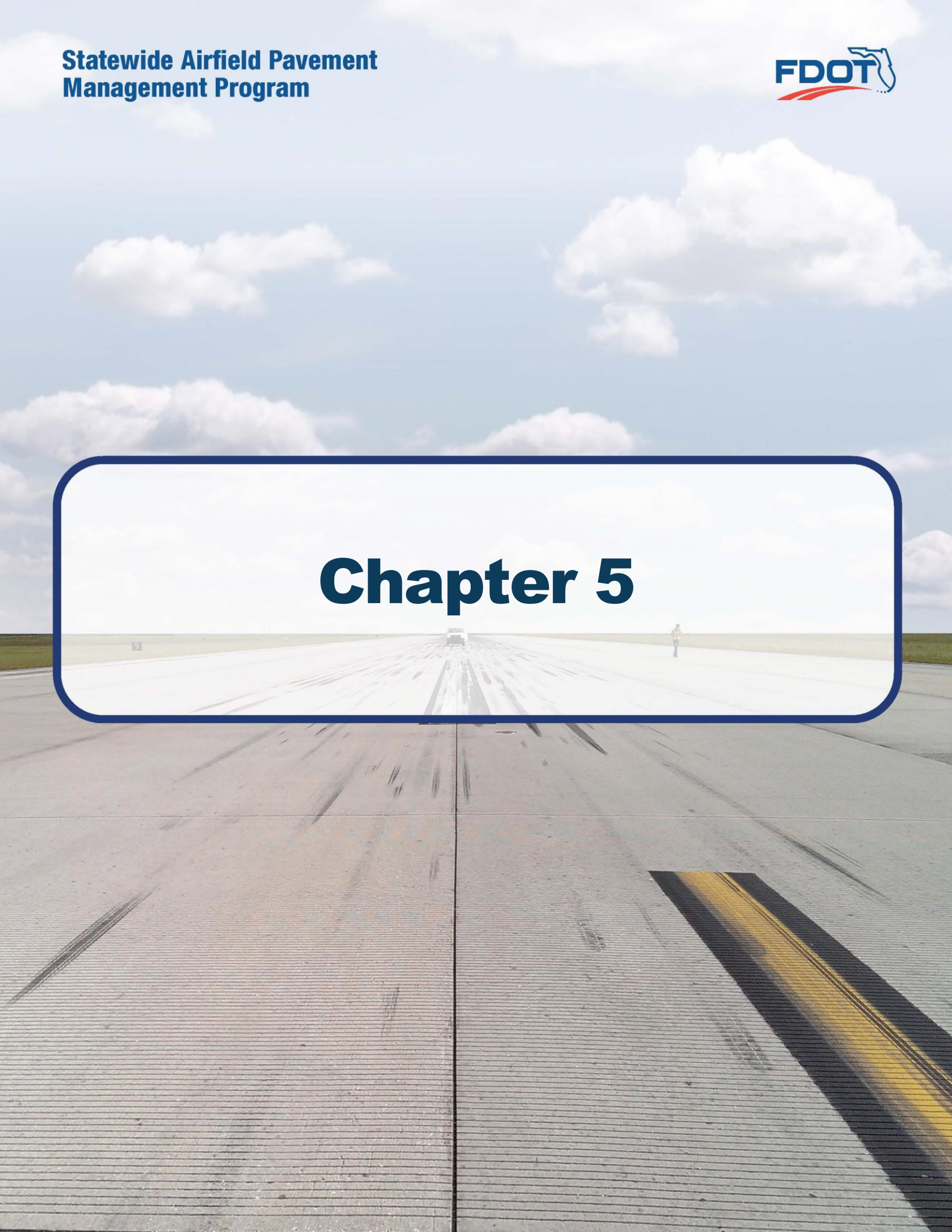
| Network ID | Branch ID | Section ID | Last PCI | Forecasted PCI | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
| ORL | AP GA | 4205 | 49 | 48 | 47 | 46 | 45 | 44 | 43 | 41 | 40 | 39 | 38 |
| ORL | AP GA | 4230 | 61 | 60 | 59 | 58 | 57 | 56 | 56 | 55 | 54 | 54 | 53 |
| ORL | AP N | 4105 | 6 | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 2 | 2 |
| ORL | AP N | 4125 | 5 | 4 | 4 | 4 | 3 | 3 | 2 | 2 | 2 | 1 | 1 |
| ORL | AP N | 4140 | 25 | 24 | 24 | 24 | 23 | 23 | 22 | 22 | 22 | 21 | 21 |
| ORL | AP N | 4145 | 34 | 33 | 32 | 31 | 30 | 30 | 29 | 29 | 29 | 28 | 28 |
| ORL | AP N | 4155 | 49 | 48 | 47 | 46 | 45 | 44 | 43 | 41 | 40 | 39 | 38 |
| ORL | AP N | 4158 | 6 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ORL | AP N | 4165 | 7 | 6 | 6 | 6 | 5 | 5 | 4 | 4 | 4 | 3 | 3 |
| ORL | AP N | 4166 | 89 | 87 | 84 | 82 | 80 | 78 | 76 | 74 | 72 | 71 | 69 |
| ORL | AP N | 4167 | 12 | 11 | 11 | 11 | 10 | 10 | 9 | 9 | 9 | 8 | 8 |
| ORL | AP N | 4168 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ORL | AP N | 4169 | 86 | 84 | 82 | 79 | 77 | 75 | 74 | 72 | 70 | 69 | 67 |
| ORL | AP N | 4170 | 67 | 65 | 64 | 63 | 62 | 61 | 60 | 59 | 58 | 57 | 57 |
| ORL | AP N | 4175 | 76 | 74 | 72 | 71 | 69 | 67 | 66 | 65 | 64 | 62 | 61 |
| ORL | AP NE | 4305 | 23 | 22 | 22 | 22 | 21 | 21 | 20 | 20 | 20 | 19 | 19 |
| ORL | AP NE | 4312 | 59 | 58 | 57 | 56 | 56 | 55 | 54 | 53 | 53 | 52 | 51 |
| ORL | AP NE | 4315 | 77 | 75 | 73 | 70 | 68 | 66 | 64 | 62 | 60 | 57 | 55 |
| ORL | AP NE | 4320 | 77 | 75 | 73 | 70 | 68 | 66 | 64 | 62 | 60 | 57 | 55 |
| ORL | AP RU | 5110 | 75 | 73 | 71 | 70 | 68 | 67 | 65 | 64 | 63 | 62 | 61 |
| ORL | AP RU | 5115 | 74 | 72 | 70 | 69 | 67 | 66 | 65 | 63 | 62 | 61 | 60 |
| ORL | AP RU | 5120 | 75 | 73 | 71 | 70 | 68 | 67 | 65 | 64 | 63 | 62 | 61 |
| ORL | AP W | 4605 | 64 | 63 | 62 | 61 | 60 | 59 | 58 | 57 | 56 | 56 | 55 |
| ORL | AP W | 4610 | 45 | 44 | 42 | 41 | 40 | 39 | 38 | 37 | 35 | 34 | 33 |
| ORL | AP W | 4640 | 100 | 98 | 96 | 93 | 91 | 89 | 87 | 85 | 82 | 80 | 78 |
| ORL | AP W | 4645 | 100 | 95 | 93 | 91 | 88 | 86 | 84 | 82 | 80 | 78 | 75 |

| Network ID | Branch ID | Section ID | Last PCI | Forecasted PCI | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
| ORL | AP W | 4650 | 50 | 49 | 48 | 47 | 46 | 45 | 44 | 43 | 42 | 40 | 39 |
| ORL | AP W | 4665 | 100 | 99 | 97 | 96 | 95 | 94 | 92 | 91 | 90 | 89 | 87 |
| ORL | AP W | 4670 | 58 | 57 | 56 | 55 | 55 | 54 | 53 | 53 | 52 | 51 | 50 |
| ORL | AP W | 4675 | 100 | 98 | 97 | 96 | 95 | 93 | 92 | 91 | 90 | 88 | 87 |
| ORL | AP W SEGM | 4805 | 67 | 65 | 63 | 60 | 58 | 56 | 54 | 52 | 50 | 47 | 45 |
| ORL | AP W SEGM | 4810 | 77 | 75 | 73 | 70 | 68 | 66 | 64 | 62 | 60 | 57 | 55 |
| ORL | RW 13-31 | 6205 | 66 | 65 | 65 | 64 | 63 | 63 | 62 | 61 | 60 | 58 | 57 |
| ORL | RW 7-25 | 6105 | 63 | 62 | 61 | 61 | 60 | 59 | 59 | 58 | 57 | 57 | 56 |
| ORL | RW 7-25 | 6110 | 64 | 63 | 62 | 61 | 61 | 60 | 59 | 59 | 58 | 57 | 57 |
| ORL | TW A | 104 | 66 | 65 | 63 | 62 | 61 | 60 | 59 | 58 | 57 | 56 | 55 |
| ORL | TW A | 114 | 78 | 76 | 75 | 74 | 72 | 71 | 70 | 68 | 67 | 66 | 65 |
| ORL | TW A | 115 | 56 | 55 | 54 | 53 | 52 | 51 | 50 | 49 | 48 | 47 | 47 |
| ORL | TW A | 116 | 63 | 62 | 60 | 59 | 58 | 57 | 56 | 55 | 54 | 53 | 52 |
| ORL | TW A | 117 | 62 | 61 | 59 | 58 | 57 | 56 | 55 | 54 | 53 | 52 | 51 |
| ORL | TW A | 118 | 94 | 92 | 90 | 88 | 86 | 84 | 82 | 80 | 79 | 77 | 76 |
| ORL | TW A | 119 | 89 | 87 | 85 | 83 | 81 | 80 | 78 | 77 | 75 | 74 | 73 |
| ORL | TW A | 125 | 67 | 66 | 65 | 64 | 63 | 62 | 61 | 61 | 60 | 59 | 58 |
| ORL | TW A | 150 | 57 | 56 | 55 | 54 | 53 | 52 | 51 | 50 | 49 | 48 | 47 |
| ORL | TW A1 | 111 | 77 | 75 | 74 | 73 | 72 | 70 | 69 | 68 | 67 | 66 | 65 |
| ORL | TW A1 | 112 | 57 | 56 | 55 | 54 | 53 | 52 | 51 | 50 | 49 | 48 | 47 |
| ORL | TW A2 | 120 | 65 | 64 | 63 | 62 | 61 | 60 | 60 | 59 | 58 | 57 | 56 |
| ORL | TW A3 | 130 | 67 | 66 | 65 | 64 | 63 | 62 | 61 | 61 | 60 | 59 | 58 |
| ORL | TW A4 | 140 | 63 | 62 | 60 | 59 | 58 | 57 | 56 | 55 | 54 | 53 | 52 |
| ORL | TW A5 | 405 | 65 | 64 | 63 | 62 | 61 | 60 | 60 | 59 | 58 | 57 | 56 |
| ORL | TW A5 | 425 | 71 | 70 | 69 | 67 | 66 | 66 | 65 | 64 | 63 | 62 | 61 |
| ORL | TW A6 | 113 | 72 | 70 | 69 | 68 | 67 | 65 | 64 | 63 | 62 | 61 | 60 |
| ORL | TW B | 102 | 48 | 47 | 46 | 45 | 45 | 44 | 43 | 42 | 42 | 41 | 41 |
| ORL | TW B | 103 | 55 | 54 | 53 | 52 | 51 | 50 | 49 | 48 | 47 | 46 | 44 |

| Network ID | Branch ID | Section ID | Last PCI | Forecasted PCI | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
| ORL | TW B | 105 | 87 | 85 | 83 | 81 | 80 | 78 | 77 | 75 | 74 | 73 | 72 |
| ORL | TW E | 505 | 65 | 64 | 62 | 61 | 60 | 59 | 58 | 57 | 56 | 55 | 54 |
| ORL | TW E | 530 | 93 | 91 | 89 | 87 | 85 | 83 | 81 | 80 | 78 | 77 | 75 |
| ORL | TW E | 540 | 94 | 92 | 90 | 88 | 86 | 84 | 82 | 80 | 79 | 77 | 76 |
| ORL | TW E | 545 | 88 | 86 | 84 | 82 | 81 | 79 | 78 | 76 | 75 | 73 | 72 |
| ORL | TW E | 550 | 91 | 89 | 87 | 85 | 83 | 81 | 80 | 78 | 77 | 75 | 74 |
| ORL | TW E1 | 501 | 50 | 49 | 48 | 47 | 46 | 46 | 45 | 44 | 43 | 43 | 42 |
| ORL | TW E2 | 510 | 46 | 45 | 44 | 43 | 43 | 42 | 42 | 41 | 40 | 40 | 39 |
| ORL | TW E2 | 512 | 61 | 60 | 58 | 57 | 56 | 55 | 54 | 53 | 52 | 52 | 51 |
| ORL | TW E3 | 417 | 29 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| ORL | TW E3 | 420 | 50 | 49 | 48 | 47 | 46 | 46 | 45 | 44 | 43 | 43 | 42 |
| ORL | TW E3 | 520 | 46 | 45 | 44 | 43 | 43 | 42 | 42 | 41 | 40 | 40 | 39 |
| ORL | TW E3 | 522 | 48 | 47 | 46 | 45 | 45 | 44 | 43 | 42 | 42 | 41 | 41 |
| ORL | TW E4 | 1070 | 50 | 49 | 48 | 46 | 45 | 44 | 43 | 41 | 40 | 38 | 36 |
| ORL | TW E4 | 1080 | 56 | 55 | 54 | 53 | 52 | 51 | 50 | 49 | 48 | 47 | 46 |
| ORL | TW E4 | 1105 | 70 | 68 | 67 | 66 | 65 | 64 | 62 | 61 | 60 | 59 | 58 |
| ORL | TW E4 | 1110 | 94 | 92 | 90 | 88 | 86 | 84 | 82 | 80 | 79 | 77 | 76 |
| ORL | TW E5 | 560 | 65 | 64 | 62 | 61 | 60 | 59 | 58 | 57 | 56 | 55 | 54 |
| ORL | TW E5 | 565 | 94 | 92 | 90 | 88 | 86 | 84 | 82 | 80 | 79 | 77 | 76 |
| ORL | TW E6 | 805 | 67 | 65 | 64 | 63 | 62 | 61 | 60 | 59 | 58 | 56 | 55 |
| ORL | TW E6 | 820 | 94 | 92 | 90 | 89 | 87 | 86 | 84 | 83 | 81 | 80 | 78 |
| ORL | TW F | 605 | 45 | 44 | 43 | 43 | 42 | 41 | 41 | 40 | 40 | 39 | 39 |
| ORL | TW G | 705 | 54 | 53 | 52 | 51 | 50 | 49 | 48 | 47 | 47 | 46 | 45 |
| ORL | TW G | 710 | 55 | 54 | 53 | 52 | 51 | 50 | 49 | 48 | 47 | 47 | 46 |
| ORL | TW H | 806 | 52 | 51 | 50 | 49 | 48 | 47 | 47 | 46 | 45 | 44 | 44 |
| ORL | TW K | 610 | 70 | 68 | 67 | 66 | 65 | 64 | 62 | 61 | 60 | 59 | 58 |

### 4.3.4 Forecasted PCI Considerations

As FDOT continues to update the SAPMP with future PCI Survey inspections and assembly of airfield pavement construction work history, the performance models will be further refined. With the refinement of additional PCI and work history data points, the forecasting of pavement conditions will continue to better reflect the performance trends of airfield pavements in the Florida Airports System. Forecasted or predicted pavement conditions for the airport are intended for planning purposes only. Design-level recommendations for pavement rehabilitation and/or reconstruction will require the appropriate application of the procedures defined in FAA ***AC 150/5320-6F Airport Pavement Design and Evaluation*** and ***AC 150/5370-11B Use of Nondestructive Testing in the Evaluation of Airport Pavements*** to determine structural and/or functional conditions at the time of project.



# Chapter 5

# Chapter 5 – Localized Maintenance and Repair Planning

General Maintenance and Rehabilitation (M&R) methods are characterized under three broad categories: localized maintenance and repair, global treatments, and major rehabilitation.

- **Localized Maintenance and Repair** includes patching and crack sealing.
- **Global Treatments** include surface seals and rejuvenators for flexible pavements.
- **Major Rehabilitation** includes overlays, significant slab replacement, and reconstruction.

This chapter discusses the FDOT SAPMP Localized Maintenance and Repair Planning approach. Proactive localized maintenance and repair, specifically preservation, is highly recommended to the airports. However, it is certainly recognized that once pavements have deteriorated below a certain condition, the facility would benefit from a more substantial rehabilitation in lieu of localized efforts. Chapter 6 Major Rehabilitation Planning discusses the addressing of pavements through timely rehabilitation once it has deteriorated below a critical PCI where localized repairs may not be as cost effective.

## 5.1 Localized Maintenance and Repair

Localized maintenance and repair is best applied as a conservation measure and is oftentimes applied to slow the rate of deterioration of distressed pavements; however, may be applied as a temporary corrective measure in isolated areas. Localized maintenance and repair can be applied either as a safety (“stopgap”) measure or preventive measure. Example distress types subject to localized preventive maintenance and repair may consist of low-severity longitudinal and transverse cracking and low-severity weathering. In many cases however, localized stopgap repair is applied as a safety measure to address high-severity distress manifestations when major rehabilitation is not funded for a given section with a PCI value below critical PCI. Some agencies may elect to define both types; preventative and stopgap, as localized maintenance.

### Localized Stopgap/Safety Maintenance and Repair

Localized Stopgap or Safety Maintenance and Repair is defined as the localized distress repair needed to keep pavements operational in a safe condition. These activities are typically applied to high-severity distresses or distresses affecting operational activities. Typical pavement section PCIs will range from 0 to 65.

### Localized Preventive Maintenance and Repair

Localized Preventive Maintenance and Repair is defined as distress maintenance activities performed with the primary objective of slowing the rate of deterioration. These activities typically include crack sealing and patching. Typical pavement section PCIs will be above 65.

## 5.2 Localized Maintenance and Repair Policy

The resulting Localized Maintenance and Repair recommendations are identified based on the policy defined in **Table 5.2 (a)** and **Table 5.2 (b)**, for flexible asphalt concrete and rigid Portland cement concrete pavements, respectively. The activities identified were based on the research of practical pavement treatments in consideration of the FAA ***AC 150/5380-6C "Guidelines and Procedures for Maintenance of Airport Pavements"*** and the ***FDOT Airfield Pavement Distress Repair Manual.*** Additionally, the ***Engineering Technical Letter (ETL) 14-3: Preventive Maintenance Plan (PMP) for Airfield Pavements*** was referenced for conservative application of pavement treatments. The Localized Maintenance and Repair Policy and associated planning-level unit costs were developed in consideration of a network-level analysis – it is strictly intended to provide a glimpse of the condition of the airport pavements with a limited PCI survey effort.

The developed Localized Maintenance and Repair Policy and associated planning-level unit costs were based on a statewide consideration of pavement treatments and review of state construction costs for both Airfield Pavements and from the FDOT Historical Cost Information archives. Furthermore, a consideration of limited repair quantities was factored in the determination of conservative planning-level unit costs. The identified Localized maintenance activities for both preventive and stopgap activities are based on a statewide network approach; project-specific evaluation and maintenance quantities should be developed prior to any construction.

*Table 5.2 (a) Localized Maintenance and Repair – Flexible Asphalt Concrete*

| Distress | Severity | Description | Code | Work Type | Work Unit |
|---|---|---|---|---|---|
| 41 | Low | ALLIGATOR CR | FDOT-PA-AF | FDOT - PATCHING - AC FULL DEPTH | SqFt |
| 41 | Medium | ALLIGATOR CR | FDOT-PA-AF | FDOT - PATCHING - AC FULL DEPTH | SqFt |
| 41 | High | ALLIGATOR CR | FDOT-PA-AF | FDOT - PATCHING - AC FULL DEPTH | SqFt |
| 42 | N/A | BLEEDING | FDOT-MO-PV | FDOT - MONITOR | N/A |
| 43 | Low | BLOCK CR | FDOT-MO-PV | FDOT - MONITOR | N/A |
| 43 | Medium | BLOCK CR | FDOT-CS-AC | FDOT - CRACK SEALING - AC | Ft |
| 43 | High | BLOCK CR | FDOT-PA-AP | FDOT - PATCHING - AC PARTIAL DEPTH | SqFt |
| 44 | Low | CORRUGATION | FDOT-ML-AC | FDOT - MILLING - AC | SqFt |
| 44 | Medium | CORRUGATION | FDOT-ML-AC | FDOT - MILLING - AC | SqFt |
| 44 | High | CORRUGATION | FDOT-PA-AF | FDOT - PATCHING - AC FULL DEPTH | SqFt |
| 45 | Low | DEPRESSION | FDOT-PA-AF | FDOT - PATCHING - AC FULL DEPTH | SqFt |
| 45 | Medium | DEPRESSION | FDOT-PA-AF | FDOT - PATCHING - AC FULL DEPTH | SqFt |
| 45 | High | DEPRESSION | FDOT-PA-AF | FDOT - PATCHING - AC FULL DEPTH | SqFt |
| 46 | N/A | JET BLAST | FDOT-PA-AP | FDOT - PATCHING - AC PARTIAL DEPTH | SqFt |
| 47 | Low | JT REF. CR | FDOT-MO-PV | FDOT - MONITOR | N/A |
| 47 | Medium | JT REF. CR | FDOT-CS-AC | FDOT - CRACK SEALING - AC | Ft |
| 47 | High | JT REF. CR | FDOT-CS-AC | FDOT - CRACK SEALING - AC | Ft |

| Distress | Severity | Description | Code | Work Type | Work Unit |
|---|---|---|---|---|---|
| 48 | Low | L & T CR | FDOT-MO-PV | FDOT - MONITOR | N/A |
| 48 | Medium | L & T CR | FDOT-CS-AC | FDOT - CRACK SEALING - AC | Ft |
| 48 | High | L & T CR | FDOT-CS-AC | FDOT - CRACK SEALING - AC | Ft |
| 49 | N/A | OIL SPILLAGE | FDOT-PA-AP | FDOT - PATCHING - AC PARTIAL DEPTH | SqFt |
| 50 | Low | PATCHING | FDOT-MO-PV | FDOT - MONITOR | N/A |
| 50 | Medium | PATCHING | FDOT-PA-AF | FDOT - PATCHING - AC FULL DEPTH | SqFt |
| 50 | High | PATCHING | FDOT-PA-AF | FDOT - PATCHING - AC FULL DEPTH | SqFt |
| 51 | N/A | POLISHED AG | FDOT-SS-LO | FDOT - SURFACE SEAL | SqFt |
| 52 | Low | RAVELING | FDOT-SS-LO | FDOT - SURFACE SEAL | SqFt |
| 52 | Medium | RAVELING | FDOT-PA-AP | FDOT - PATCHING - AC PARTIAL DEPTH | SqFt |
| 52 | High | RAVELING | FDOT-PA-AP | FDOT - PATCHING - AC PARTIAL DEPTH | SqFt |
| 53 | Low | RUTTING | FDOT-MO-PV | FDOT - MONITOR | N/A |
| 53 | Medium | RUTTING | FDOT-PA-AF | FDOT - PATCHING - AC FULL DEPTH | SqFt |
| 53 | High | RUTTING | FDOT-PA-AF | FDOT - PATCHING - AC FULL DEPTH | SqFt |
| 54 | Low | SHOVING | FDOT-MO-PV | FDOT - MONITOR | N/A |
| 54 | Medium | SHOVING | FDOT-ML-AC | FDOT - MILLING - AC | SqFt |
| 54 | High | SHOVING | FDOT-PA-AF | FDOT - PATCHING - AC FULL DEPTH | SqFt |
| 55 | N/A | SLIPPAGE CR | FDOT-PA-AP | FDOT - PATCHING - AC PARTIAL DEPTH | SqFt |
| 56 | Low | SWELLING | FDOT-MO-PV | FDOT - MONITOR | N/A |
| 56 | Medium | SWELLING | FDOT-PA-AF | FDOT - PATCHING - AC FULL DEPTH | SqFt |
| 56 | High | SWELLING | FDOT-PA-AF | FDOT - PATCHING - AC FULL DEPTH | SqFt |
| 57 | Low | WEATHERING | FDOT-MO-PV | FDOT - MONITOR | N/A |
| 57 | Medium | WEATHERING | FDOT-SS-LO | FDOT - SURFACE SEAL | SqFt |
| 57 | High | WEATHERING | FDOT-PA-AP | FDOT - PATCHING - AC PARTIAL DEPTH | SqFt |

*Table 5.2 (b) Localized Maintenance and Repair – Rigid Portland Cement Concrete*

| Distress | Severity | Description | Code | Work Type | Work Unit |
|---|---|---|---|---|---|
| 61 | Low | BLOW-UP | FDOT-PA-PP | FDOT - PATCHING - PCC PARTIAL DEPTH | SqFt |
| 61 | Medium | BLOW-UP | FDOT-PA-PF | FDOT - PATCHING - PCC FULL DEPTH | SqFt |
| 61 | High | BLOW-UP | FDOT-SL-PC | FDOT - SLAB REPLACEMENT - PCC | SqFt |
| 62 | Low | CORNER BREAK | FDOT-CS-PC | FDOT - CRACK SEALING - PCC | Ft |
| 62 | Medium | CORNER BREAK | FDOT-PA-PF | FDOT - PATCHING - PCC FULL DEPTH | SqFt |
| 62 | High | CORNER BREAK | FDOT-PA-PF | FDOT - PATCHING - PCC FULL DEPTH | SqFt |
| 63 | Low | LINEAR CR | FDOT-MO-PV | FDOT - MONITOR | N/A |
| 63 | Medium | LINEAR CR | FDOT-CS-PC | FDOT - CRACK SEALING - PCC | Ft |
| 63 | High | LINEAR CR | FDOT-PA-PP | FDOT - PATCHING - PCC PARTIAL DEPTH | SqFt |

| Distress | Severity | Description | Code | Work Type | Work Unit |
|---|---|---|---|---|---|
| 64 | Low | DURABIL. CR | FDOT-MO-PV | FDOT - MONITOR | N/A |
| 64 | Medium | DURABIL. CR | FDOT-PA-PF | FDOT - PATCHING - PCC FULL DEPTH | SqFt |
| 64 | High | DURABIL. CR | FDOT-SL-PC | FDOT - SLAB REPLACEMENT - PCC | SqFt |
| 65 | Low | JT SEAL DMG | FDOT-JS-PC | FDOT - JOINT SEAL - PCC | Ft |
| 65 | Medium | JT SEAL DMG | FDOT-JS-PC | FDOT - JOINT SEAL - PCC | Ft |
| 65 | High | JT SEAL DMG | FDOT-JS-PC | FDOT - JOINT SEAL - PCC | Ft |
| 66 | Low | SMALL PATCH | FDOT-MO-PV | FDOT - MONITOR | N/A |
| 66 | Medium | SMALL PATCH | FDOT-PA-PP | FDOT - PATCHING - PCC PARTIAL DEPTH | SqFt |
| 66 | High | SMALL PATCH | FDOT-PA-PP | FDOT - PATCHING - PCC PARTIAL DEPTH | SqFt |
| 67 | Low | LARGE PATCH | FDOT-MO-PV | FDOT - MONITOR | N/A |
| 67 | Medium | LARGE PATCH | FDOT-PA-PF | FDOT - PATCHING - PCC FULL DEPTH | SqFt |
| 67 | High | LARGE PATCH | FDOT-PA-PF | FDOT - PATCHING - PCC FULL DEPTH | SqFt |
| 68 | N/A | POPOUTS | FDOT-PO-FL | FDOT - POPOUT FILLER | SqFt |
| 69 | N/A | PUMPING | FDOT-SB-PC | FDOT – SLAB STABILIZATION - PCC | SqFt |
| 70 | Low | SCALING | FDOT-MO-PV | FDOT - MONITOR | N/A |
| 70 | Medium | SCALING | FDOT-PA-PP | FDOT - PATCHING - PCC PARTIAL DEPTH | SqFt |
| 70 | High | SCALING | FDOT-SL-PC | FDOT - SLAB REPLACEMENT - PCC | SqFt |
| 71 | Low | FAULTING | FDOT-MO-PV | FDOT - MONITOR | N/A |
| 71 | Medium | FAULTING | FDOT-GR-PP | FDOT - GRINDING (LOCALIZED) | Ft |
| 71 | High | FAULTING | FDOT-GR-PP | FDOT - GRINDING (LOCALIZED) | Ft |
| 72 | Low | SHAT. SLAB | FDOT-CS-PC | FDOT - CRACK SEALING - PCC | Ft |
| 72 | Medium | SHAT. SLAB | FDOT-SL-PC | FDOT - SLAB REPLACEMENT - PCC | SqFt |
| 72 | High | SHAT. SLAB | FDOT-SL-PC | FDOT - SLAB REPLACEMENT - PCC | SqFt |
| 73 | N/A | SHRINKAGE CR | FDOT-MO-PV | FDOT - MONITOR | N/A |
| 74 | Low | JOINT SPALL | FDOT-CS-PC | FDOT - CRACK SEALING - PCC | Ft |
| 74 | Medium | JOINT SPALL | FDOT-PA-PP | FDOT - PATCHING - PCC PARTIAL DEPTH | SqFt |
| 74 | High | JOINT SPALL | FDOT-PA-PP | FDOT - PATCHING - PCC PARTIAL DEPTH | SqFt |
| 75 | Low | CORNER SPALL | FDOT-CS-PC | FDOT - CRACK SEALING - PCC | Ft |
| 75 | Medium | CORNER SPALL | FDOT-PA-PP | FDOT - PATCHING - PCC PARTIAL DEPTH | SqFt |
| 75 | High | CORNER SPALL | FDOT-PA-PP | FDOT - PATCHING - PCC PARTIAL DEPTH | SqFt |
| 76 | Low | ASR | FDOT-MO-PV | FDOT - MONITOR | N/A |
| 76 | Medium | ASR | FDOT-PA-PF | FDOT - PATCHING - PCC FULL DEPTH | SqFt |
| 76 | High | ASR | FDOT-SL-PC | FDOT - SLAB REPLACEMENT - PCC | SqFt |

*Table 5.2 (c) Localized Repair Planning-Level Unit Costs – Flexible Asphalt Concrete*

| Code | Name | Cost | Units |
|---|---|---|---|
| **FDOT-SS-LO** | FDOT - SURFACE SEAL | $0.55 | SqFt |
| **FDOT-ML-AC** | FDOT - MILLING - AC | $2.00 | SqFt |
| **FDOT-GR-PP** | FDOT - GRINDING (LOCALIZED) | $2.00 | Ft |
| **FDOT-CS-AC** | FDOT - CRACK SEALING - AC | $3.00 | Ft |
| **FDOT-MO-PV** | FDOT - MONITOR | $0.00 | SqFt |
| **FDOT-PA-AF** | FDOT - PATCHING - AC FULL DEPTH | $9.00 | SqFt |
| **FDOT-PA-AP** | FDOT - PATCHING - AC PARTIAL DEPTH | $4.00 | SqFt |

*Table 5.2 (d) Localized M&R Planning-Level Unit Costs – Rigid Portland Cement Concrete*

| Code | Name | Cost | Units |
|---|---|---|---|
| **FDOT-PA-PF** | FDOT - PATCHING - PCC FULL DEPTH | $150.00 | SqFt |
| **FDOT-SL-PC** | FDOT - SLAB REPLACEMENT - PCC | $30.00 | SqFt |
| **FDOT-SB-PC** | FDOT - SLAB STABILIZATION - PCC | $30.00 | SqFt |
| **FDOT-PA-PP** | FDOT - PATCHING - PCC PARTIAL DEPTH | $72.00 | SqFt |
| **FDOT-PO-FL** | FDOT - POPOUT FILLER | $0.05 | SqFt |
| **FDOT-GR-PP** | FDOT - GRINDING (LOCALIZED) | $2.00 | Ft |
| **FDOT-CS-PC** | FDOT - CRACK SEALING - PCC | $4.25 | Ft |
| **FDOT-MO-PV** | FDOT - MONITOR | $0.00 | N/A |
| **FDOT-JS-PC** | FDOT - JOINT SEAL - PCC | $2.75 | Ft |

**PCC Patching (Full Depth and Partial Depth) consider high-early-strength and high-performing repair material.*

## 5.3 Localized Maintenance and Repair Analysis and Recommendations

The SAPMP provides a planning-level estimation of Localized Maintenance and Repair based on the results of the latest PCI Survey Inspection performed at the airport. Based on the limited sample units inspected, a statistical extrapolation of distresses at the section level is used to estimate the quantities of recommended repair activities based on the policies defined in **5.2 Localized M&R Policy**. The PCI Survey Inspections did not consist of 100% inspection of all sample units; therefore, the section-level distress quantities used to estimate the Localized Maintenance and Repair needs are for conceptual planning purposes. The accuracy of the extrapolated distresses, and therefore work quantities, is subject to the amount of sample units inspected and the concentration of distress types observed in sample units. **Appendix B** provides the estimated Localized Maintenance and Repair based on this SAPMP's PCI Survey Inspection efforts. Localized Preventive Maintenance and Repair is typically applied to pavements that are in a condition at or above the Critical PCI of 65. Localized Stopgap Maintenance and Repair is typically applied to pavements that are below the Critical PCI of 65. It is recommended that airport staff evaluate the application of Localized Maintenance and Repair in concert with the planning of Major Rehabilitation efforts identified in Chapter 6 Major Rehabilitation Planning. Pavements with Stopgap recommendations that are subject to near-term Major Rehabilitation efforts may remove the need to perform localized maintenance efforts.

The following **Table 5.3 (a)** summarizes the anticipated Localized Maintenance and Repair efforts based on the PCI Survey Inspection efforts performed at this airport as part of this SAPMP System Update. The following table depicts planning-level costs rounded to the nearest ten dollars.

*Table 5.3 (a) Summary of Airport Localized M&R Planning Cost and Quantity at Network Level*

| Work Description | Work Category | Rough Estimate of Work Quantity | Work Units | Planning Material Cost |
|---|---|---|---|---|
| FDOT - SURFACE SEAL | PREVENTIVE | 311,005 | SqFt | $ 171,060.00 |
| FDOT - PATCHING - AC PARTIAL DEPTH | PREVENTIVE | 6,400 | SqFt | $ 25,590.00 |
| FDOT - PATCHING - AC FULL DEPTH | PREVENTIVE | 3,345 | SqFt | $ 30,090.00 |
| FDOT - CRACK SEALING - AC | PREVENTIVE | 1,180 | Ft | $ 3,540.00 |
| FDOT - SURFACE SEAL | STOPGAP | 2,032,885 | SqFt | $ 1,118,100.00 |
| FDOT - JOINT SEAL - PCC | STOPGAP | 1,745 | Ft | $ 4,790.00 |
| FDOT - CRACK SEALING - AC | STOPGAP | 198,100 | Ft | $ 594,290.00 |
| FDOT - PATCHING - AC PARTIAL DEPTH | STOPGAP | 1,356,070 | SqFt | $ 5,424,280.00 |
| FDOT - PATCHING - AC FULL DEPTH | STOPGAP | 35,650 | SqFt | $ 320,820.00 |
| FDOT - SLAB REPLACEMENT - PCC | STOPGAP | 24,480 | SqFt | $ 734,400.00 |

The following **Table 5.3 (b)** provides further breakdown of the anticipated planning-level cost at the section level for the pavements exhibiting distresses that would benefit from Localized M&R. The table shows the approximate improved "End Condition" of the section after the application of Localized M&R. The following table depicts planning-level costs rounded to the nearest ten dollars.

*Table 5.3 (b) Summary of Airport Localized M&R Planning Cost and Quantity at Section Level*

| Network ID | Branch ID | Section ID | Area (SF) | Start Condition | End Condition | Cost |
|---|---|---|---|---|---|---|
| ORL | AP GA | 4205 | 608,614 | 49 | 62 | $ 394,480.00 |
| ORL | AP GA | 4230 | 23,614 | 61 | 67 | $ 7,420.00 |
| ORL | AP N | 4105 | 200,966 | 6 | 56 | $ 1,520,570.00 |
| ORL | AP N | 4125 | 140,429 | 5 | 53 | $ 927,310.00 |
| ORL | AP N | 4140 | 237,860 | 25 | 50 | $ 966,350.00 |
| ORL | AP N | 4145 | 122,500 | 34 | 56 | $ 515,530.00 |
| ORL | AP N | 4155 | 337,449 | 49 | 61 | $ 567,910.00 |
| ORL | AP N | 4158 | 125,584 | 6 | 62 | $ 1,021,110.00 |
| ORL | AP N | 4165 | 27,156 | 7 | 53 | $ 166,770.00 |
| ORL | AP N | 4166 | 22,635 | 89 | 89 | $ - |
| ORL | AP N | 4167 | 28,916 | 12 | 53 | $ 129,280.00 |
| ORL | AP N | 4168 | 24,538 | 0 | 100 | $ 739,190.00 |
| ORL | AP N | 4169 | 72,939 | 86 | 90 | $ 1,250.00 |
| ORL | AP N | 4170 | 84,878 | 67 | 83 | $ 38,340.00 |
| ORL | AP N | 4175 | 42,594 | 76 | 84 | $ 8,960.00 |
| ORL | AP NE | 4305 | 52,643 | 23 | 53 | $ 188,380.00 |
| ORL | AP NE | 4312 | 8,541 | 59 | 76 | $ 7,040.00 |
| ORL | AP NE | 4315 | 24,518 | 77 | 89 | $ 2,500.00 |
| ORL | AP NE | 4320 | 53,040 | 77 | 88 | $ 6,230.00 |
| ORL | AP RU | 5110 | 25,880 | 75 | 80 | $ 720.00 |
| ORL | AP RU | 5115 | 36,282 | 74 | 79 | $ 2,040.00 |
| ORL | AP RU | 5120 | 41,840 | 75 | 80 | $ 1,160.00 |
| ORL | AP W | 4605 | 34,600 | 64 | 83 | $ 19,330.00 |
| ORL | AP W | 4610 | 260,825 | 45 | 58 | $ 200,180.00 |
| ORL | AP W | 4640 | 157,964 | 100 | 100 | $ - |
| ORL | AP W | 4645 | 24,864 | 100 | 100 | $ - |
| ORL | AP W | 4650 | 115,747 | 50 | 61 | $ 70,830.00 |
| ORL | AP W | 4665 | 8,833 | 100 | 100 | $ - |
| ORL | AP W | 4670 | 10,856 | 58 | 63 | $ 5,980.00 |
| ORL | AP W | 4675 | 1,760 | 100 | 100 | $ - |
| ORL | AP W SEGM | 4805 | 129,830 | 67 | 75 | $ 47,380.00 |
| ORL | AP W SEGM | 4810 | 79,530 | 77 | 81 | $ 8,730.00 |
| ORL | RW 13-31 | 6205 | 445,836 | 66 | 73 | $ 71,900.00 |

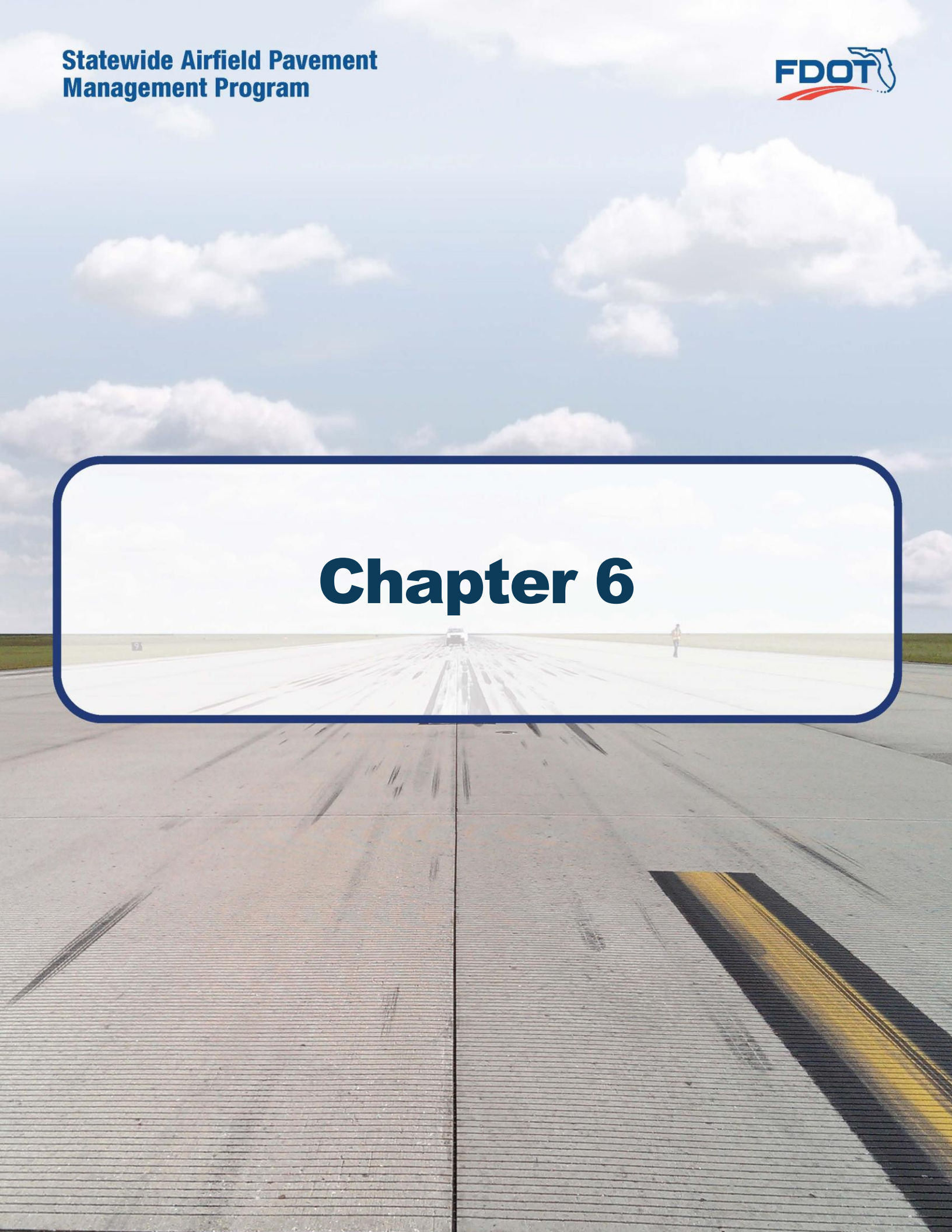
| Network ID | Branch ID | Section ID | Area (SF) | Start Condition | End Condition | Cost |
|---|---|---|---|---|---|---|
| ORL | RW 7-25 | 6105 | 600,500 | 63 | 71 | $ 101,850.00 |
| ORL | RW 7-25 | 6110 | 300,250 | 64 | 74 | $ 98,590.00 |
| ORL | TW A | 104 | 11,949 | 66 | 71 | $ 820.00 |
| ORL | TW A | 114 | 12,579 | 78 | 86 | $ 1,140.00 |
| ORL | TW A | 115 | 31,644 | 56 | 70 | $ 21,410.00 |
| ORL | TW A | 116 | 11,579 | 63 | 75 | $ 6,490.00 |
| ORL | TW A | 117 | 22,912 | 62 | 78 | $ 14,410.00 |
| ORL | TW A | 118 | 12,843 | 94 | 94 | $ - |
| ORL | TW A | 119 | 8,568 | 89 | 89 | $ - |
| ORL | TW A | 125 | 257,040 | 67 | 72 | $ 12,400.00 |
| ORL | TW A | 150 | 60,358 | 57 | 70 | $ 27,010.00 |
| ORL | TW A1 | 111 | 15,537 | 77 | 92 | $ 2,600.00 |
| ORL | TW A1 | 112 | 14,428 | 57 | 73 | $ 3,450.00 |
| ORL | TW A2 | 120 | 30,935 | 65 | 65 | $ 8,960.00 |
| ORL | TW A3 | 130 | 56,163 | 67 | 73 | $ 10,700.00 |
| ORL | TW A4 | 140 | 15,668 | 63 | 68 | $ 440.00 |
| ORL | TW A5 | 405 | 37,049 | 65 | 75 | $ 9,280.00 |
| ORL | TW A5 | 425 | 9,443 | 71 | 81 | $ 1,440.00 |
| ORL | TW A6 | 113 | 26,953 | 72 | 75 | $ 220.00 |
| ORL | TW B | 102 | 6,388 | 48 | 62 | $ 6,970.00 |
| ORL | TW B | 103 | 57,000 | 55 | 66 | $ 9,900.00 |
| ORL | TW B | 105 | 30,470 | 87 | 87 | $ - |
| ORL | TW E | 505 | 78,110 | 65 | 77 | $ 44,030.00 |
| ORL | TW E | 530 | 46,191 | 93 | 93 | $ - |
| ORL | TW E | 540 | 21,326 | 94 | 94 | $ - |
| ORL | TW E | 545 | 9,618 | 88 | 88 | $ - |
| ORL | TW E | 550 | 52,982 | 91 | 91 | $ - |
| ORL | TW E1 | 501 | 5,073 | 50 | 60 | $ 2,330.00 |
| ORL | TW E2 | 510 | 9,644 | 46 | 57 | $ 6,670.00 |
| ORL | TW E2 | 512 | 2,687 | 61 | 71 | $ 180.00 |
| ORL | TW E3 | 417 | 8,311 | 29 | 55 | $ 33,830.00 |
| ORL | TW E3 | 420 | 36,384 | 50 | 75 | $ 37,500.00 |
| ORL | TW E3 | 520 | 9,009 | 46 | 63 | $ 7,490.00 |
| ORL | TW E3 | 522 | 2,133 | 48 | 59 | $ 780.00 |
| ORL | TW E4 | 1070 | 130,837 | 50 | 67 | $ 155,840.00 |
| ORL | TW E4 | 1080 | 8,393 | 56 | 70 | $ 5,020.00 |
| ORL | TW E4 | 1105 | 6,580 | 70 | 82 | $ 1,450.00 |
| ORL | TW E4 | 1110 | 20,682 | 94 | 94 | $ - |
| ORL | TW E5 | 560 | 5,540 | 65 | 86 | $ 4,010.00 |

| Network ID | Branch ID | Section ID | Area (SF) | Start Condition | End Condition | Cost |
|---|---|---|---|---|---|---|
| ORL | TW E5 | 565 | 9,465 | 94 | 94 | $ - |
| ORL | TW E6 | 805 | 17,742 | 67 | 77 | $ 9,760.00 |
| ORL | TW E6 | 820 | 11,139 | 94 | 94 | $ - |
| ORL | TW F | 605 | 54,815 | 45 | 58 | $ 79,500.00 |
| ORL | TW G | 705 | 30,099 | 54 | 63 | $ 16,560.00 |
| ORL | TW G | 710 | 9,812 | 55 | 64 | $ 5,830.00 |
| ORL | TW H | 806 | 62,452 | 52 | 68 | $ 41,300.00 |
| ORL | TW K | 610 | 27,266 | 70 | 77 | $ 670.00 |

The following **Table 5.3 (c)** provides a summary of the anticipated planning-level costs for Localized Preventive Maintenance and Repair and Localized Stopgap Maintenance and Repair. The following table depicts planning-level costs rounded to the nearest ten dollars.

*Table 5.3 (c) Summary of Localized Maintenance*

| Work Category | Cost |
|---|---|
| Preventive | $ 230,280.00 |
| Stopgap | $ 8,196,680.00 |
| ***Planning-Level Localized M&R Needs =*** | ***$ 8,426,960.00*** |



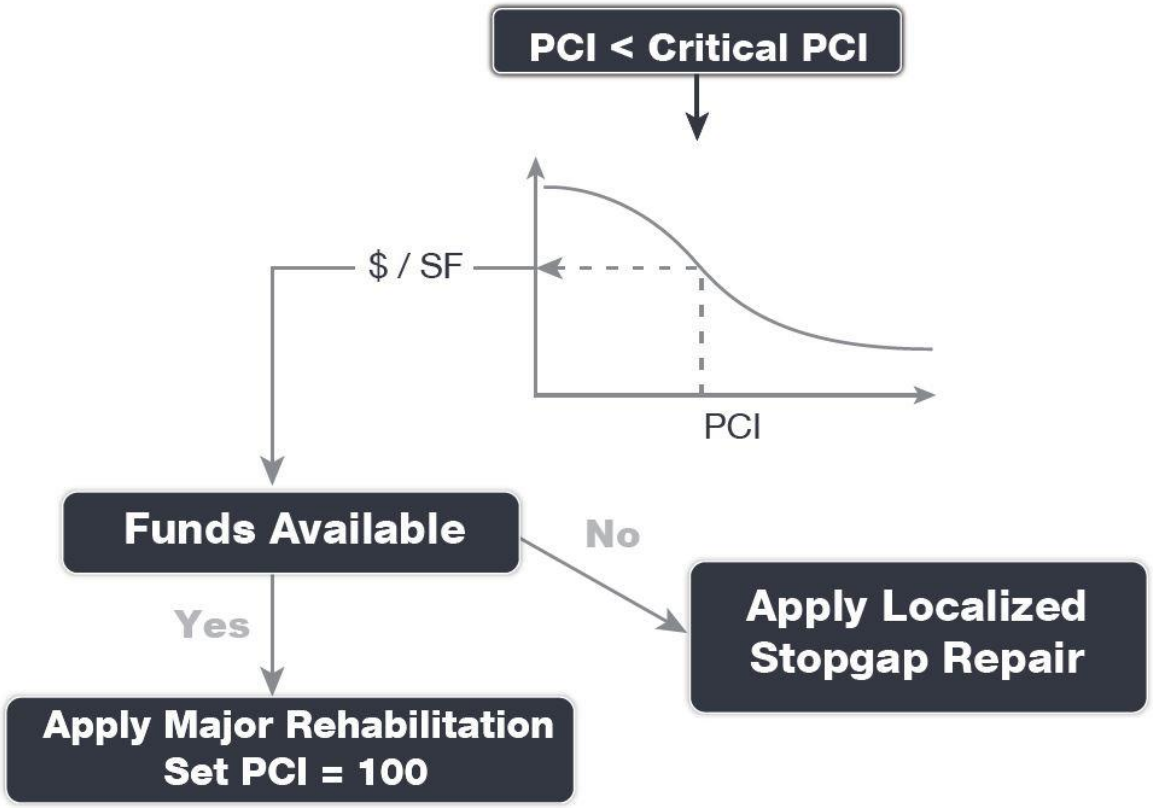
# Chapter 6

# Chapter 6 – Major Rehabilitation Planning

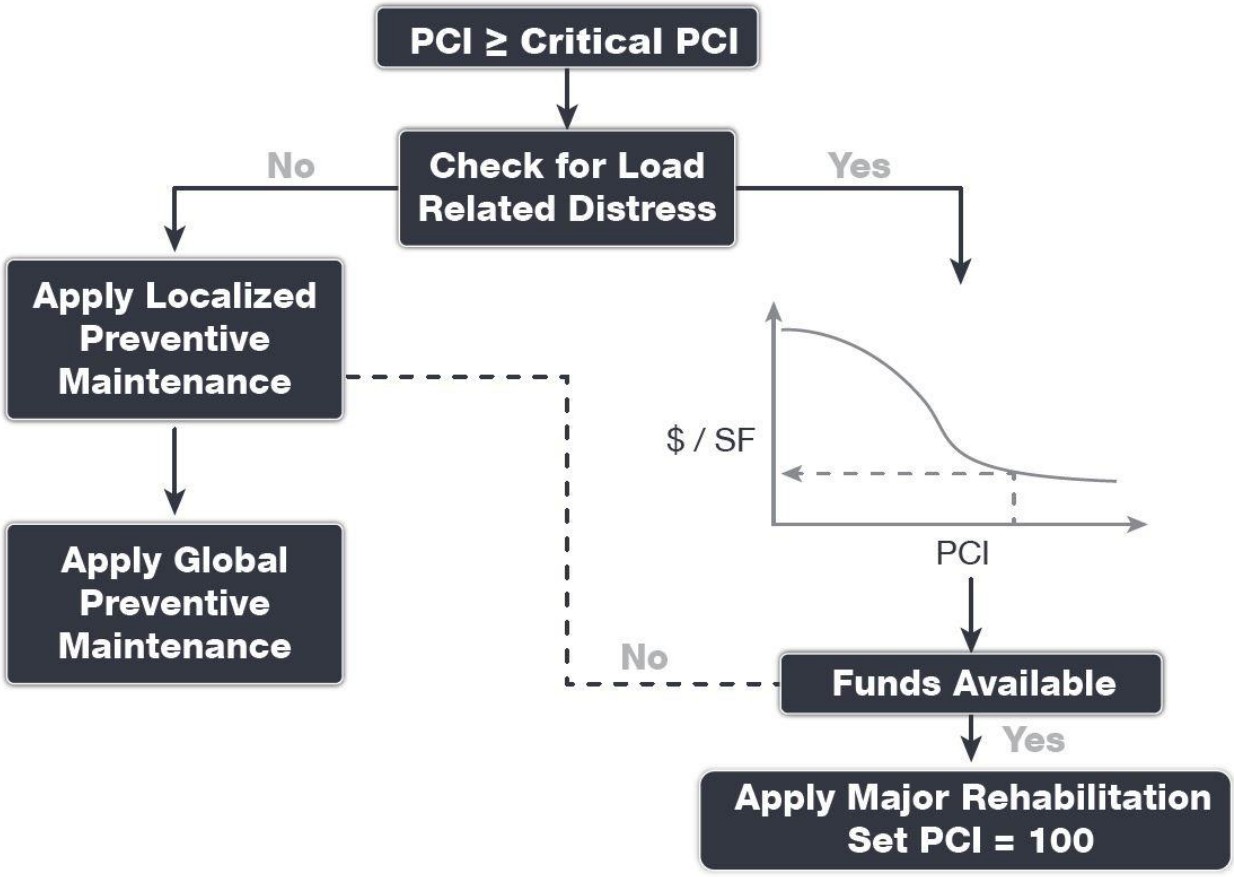
## 6.1 Major Rehabilitation

Major rehabilitation is recommended to correct or improve structural deficiencies and/or functional deterioration for pavement sections within a network. Often, when pavements are subject to significant changes in the aircraft fleet mix (frequency and type), major rehabilitation is required to provide a pavement section to meet the traffic demand. Major rehabilitation is recommended when a pavement section falls below the Critical PCI value that is defined during the system customization or if a pavement section has a significant observation of load-related distress. Observation of any load-related distress potentially indicates that the section may be structurally deficient or that the aircraft loads being applied to the pavement section are different than what the section was designed for. **Figures 6.1 (a) and 6.1 (b)** depict the decision process for major rehabilitation project identification with the assumption of available funds. Should funding be unavailable for pavement sections in need of major rehabilitation, the airport may elect to apply the appropriate localized stopgap repair.

*Figures 6.1 (a) Major Rehabilitation Planning Decision Diagram, PCI ≤ Critical PCI*



*Figures 6.1 (b) Major Rehabilitation Planning Decision Diagram, PCI > Critical PCI*



### 6.1.1 Critical PCI

For the FDOT SAPMP the development of a major rehabilitation program is based on the Critical PCI concept. The ***Critical PCI*** concept assumes that it is more cost-effective to maintain pavements above, rather than below their critical PCI. It is assumed that once a pavement section deteriorates to the Critical PCI value that it is more cost-effective to complete a major rehabilitation project rather than continuing to apply preventive maintenance. This method includes defining the Critical PCI and introducing major rehabilitation work types.

Identification of annual and long-range Major Rehabilitation work plans are typically based on the Critical PCI concept. The Critical PCI is defined as the PCI value at which the rate of loss (deterioration) increases with time, or the cost of applying localized maintenance and repair increases or is not effective. A Critical PCI is usually within a range of 55 and 70; the following procedure is standard approach in developing a specific Critical PCI:

1. Develop a pavement performance model and refine a prediction model for the pavements considered.
2. Select a localized maintenance and repair policy to be used in developing a work plan.
3. Apply the selected localized policy to the pavement sections for a range of PCI.
4. Compute the unit cost per area for each PCI range.
5. Plot the cost versus the PCI.
6. Determine the Critical PCI based on the point where the cost is insignificant.

The FDOT SAPMP defines the Critical PCI at 65 – this is based on the historic trends in pavement performance and Statewide planning efforts.

### 6.1.2 FDOT Recommended Minimum Service-Level PCI

The FDOT has recommended ***Minimum Service-Level PCI*** for airports' airfield pavements based on the following characteristics; airport type within FDOT SAPMP, branch use, and expected aircraft operations. For the purposes of Major Rehabilitation, the Critical PCI is typically the threshold condition that triggers major construction, however it is recommended that the airports maintain the Minimum Service-Level PCI with a combination of Localized Maintenance and Repair and timely Major Rehabilitation. **Table 6.1.2** summarizes the FDOT Recommended Minimum Service-Level PCI.

*Table 6.1.2 FDOT Recommended Minimum Service-Level PCI*

| Branch Use | FDOT Recommended PCI | Additional Consideration |
|---|---|---|
| Runway | 75 | Aircraft Fleet Mix Changes<br>Primary Runway |
| Taxiway / Taxilane | 65 | Aircraft Fleet Mix Changes<br>Expected Operations |
| Aprons / Run-Ups / Ramps | 65 | Ground Service Equipment<br>Non-Aircraft Operations (e.g. fueling) |

## 6.2 Major Rehabilitation Policy

### 6.2.1 Major Rehabilitation Pavement Section Development

The review of the existing as-built record documentation within the participating airports' archives was used as the basis of the conceptual pavement design sections. Refinement of the pavement section layers was performed in consideration of the FAA ***AC 150/ 5320-6F "Airport Pavement Design and Evaluation."*** It should be noted that no subsurface geotechnical investigation, ALTA/ACSM Survey, topographic survey, utilities survey, environmental, or site specific air traffic study(s) have been utilized in the development of the design criteria. No warranty or assurance is implied in this document for final design nor construction for any airfield pavements discussed within this report. The following **Tables 6.2.1 (a) and (b)** provide details on the conceptual pavement sections developed for this study.

Major rehabilitation is divided into two policy categories as part of this program: Full-Depth Reconstruction (Reconstruction) and Intermediate-Level Major Rehabilitation (Restoration). Based on the pavement type, the general categories are defined as AC Reconstruction and AC Restoration for AC, AAC, and APC flexible pavement types and PCC Reconstruction and PCC Restoration for PCC rigid pavement types. The pavement sections have been based on the average RL Airport Type requirements; no pavement design has been performed in accordance with AC 150/5320-6F for the determined conceptual sections.

*Table 6.2.1 (a) Conceptual Pavement Section for Major Rehabilitation – Flexible Asphalt Concrete*

| Rehabilitation Type | Reliever (RL) Airport |
|---|---|
| **AC Restoration**<br><br>*Combination of asphalt pavement milling and overlay with 25% of the areas subject to full-depth reconstruction.*<br><br>**PCI = 41 to 65** | **75% Mill and Overlay**<br>P-101 AC Milling (3")<br>P-603 Bituminous Tack<br>P-401 (HMA) (3")<br><br>**25% AC Reconstruction**<br>P-101 Pavement Removal<br>P-152 Subgrade (12")<br>P-211 Base (8")<br>P-602 Bituminous Prime<br>P-603 Bituminous Tack<br>P-401 HMA (4")<br>*Excludes any paved shoulder features.* |
| **AC Reconstruction**<br><br>*Full-depth asphalt pavement section reconstruction.*<br><br>**PCI = 40 or less** | P-101 Pavement Removal<br>P-152 Subgrade (12")<br>P-211 Base (8")<br>P-602 Bituminous Prime<br>P-603 Bituminous Tack<br>P-401 HMA (4")<br>*Excludes any paved shoulder features.* |

*Table 6.2.1 (b) Conceptual Pavement Section for Major Rehabilitation – Rigid Portland Cement Concrete*

| Rehabilitation Type | Reliever (RL) Airport |
|---|---|
| **PCC Restoration**<br><br>*Restoration of PCC pavement with a combination of crack sealing, joint seal replacement, and replacement of 25% of slab panels.*<br><br>**PCI = 41 to 65** | P-101 Pavement Removal<br>P-605 Joint Seal Repair<br>P-152 Subgrade (12")<br>P-211 Base (if needed, typical) (6")<br>P-501 Rigid PCC (15")<br><br>*Select Slabs (25%)<br>**Crack Seal and Limited Patching |
| **PCC Reconstruction**<br><br>*Full-depth rigid pavement section reconstruction.*<br><br>**PCI = 40 or less** | P-101 Pavement Removal<br>P-605 Joint Seal Repair<br>P-152 Subgrade (12")<br>P-211 Base (6")<br>P-501 Rigid PCC (14") |

***The identification of rehabilitation needs and conceptual pavement sections have been determined at the planning level. Design-level investigation is recommended prior to developing construction-level design documents and budgets.***

In compliance with FAA Grant Assurances 11 and 19, the FDOT SAPMP provides airports with airfield pavement evaluation reports in accordance with **FAA AC 150/5380-7B Airport Pavement Management Program (PMP)** and **AC 150/5380-6C Guidelines and Procedures for Maintenance of Airport Pavements**. The application of the results of a PCI survey are for planning purposes and are limited to the visual observation of deteriorated pavements in limited sampling; design-level investigation is recommended in accordance with the FAA procedures defined in **AC 5320-6F Airport Pavement Design and Evaluation** and **AC 150/5370-11B Use of Nondestructive Testing in the Evaluation of Airport Pavements**. The aforementioned ACs provide the design-level material properties of in-situ pavement and subgrade layers for the determination of appropriate rehabilitation actions. The FDOT SAPMP is organized to provide airports with planning-level data and does not intend to preclude the responsible engineer in performing the appropriate level of investigation and analysis in determining the appropriate design details of a pavement rehabilitation. It would not be advisable to solely base design-level rehabilitation without the appropriate level of investigation and determination of pavement deterioration beyond that of a visual functional condition assessment.

The recommendations identified in the Major Rehabilitation Needs consider the **FAA AC 150/5370-10H Standard Specifications for Construction of Airports** when determining the appropriate materials and methods implemented for construction projects, such as pavement rehabilitation, on airports. It should be noted that the AC **150/5370-10H Standard Specifications for Construction of Airports** was updated in December of 2018. Design-level determination of project specific specifications based on the AC should be developed by the Airport when performing applicable construction projects.

### 6.2.2 Major Rehabilitation Planning-Level Unit Costs

Planning-level opinion of probable construction unit costs developed for this System Update was based on archived bid tabulations and records from airfield pavement projects provided by participating airports. A review of cost trends and cost factors have been incorporated to assist airports in planning for project budgets. Neither FDOT nor the Consultant Team has control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable construction costs provided herein are based on the information known to FDOT at this time and represent only the Consultant Team's judgment as a design professional familiar with the construction industry. This report cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable construction costs.

***Table 6.2.2 Reliever (RL) Major Rehabilitation Planning-Level Unit Cost by Pavement Type***

| Rehabilitation Type | PCI Range | Flexible Asphalt Concrete Cost Per SF | | Rigid Portland Cement Concrete Cost per SF | |
|---|---|---|---|---|---|
| **Restoration** | 41 to 65 | $ | 9.50 | $ | 13.50 |
| **Reconstruction** | 0 to 40 | $ | 12.50 | $ | 20.00 |

*Planning-level opinion of probable construction unit costs consider factors for non-pavement improvements, QA/QC testing, and administrative costs.*

## 6.3 Major Rehabilitation Needs

The objective of the major pavement rehabilitation needs analysis is to provide planning-level projects within an airport's airfield pavement network. Major rehabilitation activities are recommended when a pavement section has deteriorated below the Critical PCI value, a point at which localized maintenance and repair activities may not be the most cost-effective solution. In addition, major rehabilitation is also recommended when the Section PCI is at or above the Critical PCI but the section has significant load-related PCI distresses. Identification of rehabilitation needs is done at the Airfield Pavement Network Definition's section level. This however does not limit the airport from further refining limits of project planning areas.

Major rehabilitation is identified within the FDOT SAPMP as major construction activity that would result in an improvement or resetting of the pavement section's PCI to a value of 100. Major rehabilitation recommendations (AC Restoration, AC Reconstruction, PCC Restoration, and PCC Reconstruction) should be considered as planning-level only. Additional design-level investigation in accordance to the FAA Advisory Circulars will be required. Recommendations identified within this planning document do not imply final design.

### 6.3.1 10-Year Unconstrained Budget Major Rehabilitation Needs

An unconstrained budget (unlimited budget) is performed for a 10-year duration to identify pavement rehabilitation needs based on current or forecasted PCI values deteriorating below the Critical PCI. FDOT recognizes airports are constrained by budgets and does not intend to convey an unrealistic approach of addressing pavement rehabilitation. The intent of the 10-Year Major Rehabilitation Needs analysis is to identify pavements that will warrant rehabilitation. It is highly recommended that airport staff utilize this information in support of the development of a practical Capital Improvement Program based on priorities, further design/project-level

investigation, and budgetary constraints. The following **Table 6.3.1** summarizes all identified section-level major rehabilitation needs forecasted for the next 10-year period. It should be noted that the following table depicts planning-level costs and have been rounded for planning purposes.

*Table 6.3.1 10-Year Major Rehabilitation Needs*

| Program Year | Network ID | Branch ID | Section ID | Surface | Area (SF) | PCI Before | Rehabilitation Type | Planning Cost |
|---|---|---|---|---|---|---|---|---|
| 2020 | ORL | AP GA | 4205 | AC | 608,614 | 48 | AC Restoration | $ 6,102,000.00 |
| 2020 | ORL | AP GA | 4230 | AC | 23,614 | 60 | AC Restoration | $ 225,000.00 |
| 2020 | ORL | AP N | 4105 | AC | 200,966 | 5 | AC Reconstruction | $ 2,513,000.00 |
| 2020 | ORL | AP N | 4125 | AC | 140,429 | 4 | AC Reconstruction | $ 1,756,000.00 |
| 2020 | ORL | AP N | 4140 | AC | 237,860 | 24 | AC Reconstruction | $ 2,974,000.00 |
| 2020 | ORL | AP N | 4145 | AC | 122,500 | 33 | AC Reconstruction | $ 1,532,000.00 |
| 2020 | ORL | AP N | 4155 | AC | 337,449 | 48 | AC Restoration | $ 3,384,000.00 |
| 2020 | ORL | AP N | 4158 | AAC | 125,584 | 4 | AC Reconstruction | $ 1,570,000.00 |
| 2020 | ORL | AP N | 4165 | AC | 27,156 | 6 | AC Reconstruction | $ 340,000.00 |
| 2020 | ORL | AP N | 4167 | AC | 28,916 | 11 | AC Reconstruction | $ 362,000.00 |
| 2020 | ORL | AP N | 4168 | PCC | 24,538 | 0 | PCC Reconstruction | $ 491,000.00 |
| 2020 | ORL | AP NE | 4305 | AC | 52,643 | 22 | AC Reconstruction | $ 659,000.00 |
| 2020 | ORL | AP NE | 4312 | AC | 8,541 | 58 | AC Restoration | $ 82,000.00 |
| 2020 | ORL | AP W | 4605 | AC | 34,600 | 63 | AC Restoration | $ 329,000.00 |
| 2020 | ORL | AP W | 4610 | AC | 260,825 | 44 | AC Restoration | $ 2,940,000.00 |
| 2020 | ORL | AP W | 4650 | AC | 115,747 | 49 | AC Restoration | $ 1,125,000.00 |
| 2020 | ORL | AP W | 4670 | AC | 10,856 | 57 | AC Restoration | $ 104,000.00 |
| 2020 | ORL | RW 7-25 | 6105 | AAC | 600,500 | 62 | AC Restoration | $ 5,705,000.00 |
| 2020 | ORL | RW 7-25 | 6110 | AAC | 300,250 | 63 | AC Restoration | $ 2,853,000.00 |
| 2020 | ORL | TW A | 104 | AC | 11,949 | 65 | AC Restoration | $ 114,000.00 |
| 2020 | ORL | TW A | 115 | AC | 31,644 | 55 | AC Restoration | $ 301,000.00 |
| 2020 | ORL | TW A | 116 | AC | 11,579 | 62 | AC Restoration | $ 111,000.00 |
| 2020 | ORL | TW A | 117 | AC | 22,912 | 61 | AC Restoration | $ 218,000.00 |
| 2020 | ORL | TW A | 150 | AC | 60,358 | 56 | AC Restoration | $ 574,000.00 |
| 2020 | ORL | TW A1 | 112 | AAC | 14,428 | 56 | AC Restoration | $ 138,000.00 |
| 2020 | ORL | TW A2 | 120 | AAC | 30,935 | 64 | AC Restoration | $ 294,000.00 |
| 2020 | ORL | TW A4 | 140 | AC | 15,668 | 62 | AC Restoration | $ 149,000.00 |
| 2020 | ORL | TW A5 | 405 | AAC | 37,049 | 64 | AC Restoration | $ 352,000.00 |
| 2020 | ORL | TW B | 102 | AC | 6,388 | 47 | AC Restoration | $ 66,000.00 |
| 2020 | ORL | TW B | 103 | AAC | 57,000 | 54 | AC Restoration | $ 542,000.00 |
| 2020 | ORL | TW E | 505 | AC | 78,110 | 64 | AC Restoration | $ 743,000.00 |
| 2020 | ORL | TW E1 | 501 | AC | 5,073 | 49 | AC Restoration | $ 50,000.00 |
| 2020 | ORL | TW E2 | 510 | AC | 9,644 | 45 | AC Restoration | $ 105,000.00 |

| Program Year | Network ID | Branch ID | Section ID | Surface | Area (SF) | PCI Before | Rehabilitation Type | Planning Cost |
|---|---|---|---|---|---|---|---|---|
| 2020 | ORL | TW E2 | 512 | AC | 2,687 | 60 | AC Restoration | $ 26,000.00 |
| 2020 | ORL | TW E3 | 417 | AC | 8,311 | 28 | AC Reconstruction | $ 104,000.00 |
| 2020 | ORL | TW E3 | 420 | AC | 36,384 | 49 | AC Restoration | $ 354,000.00 |
| 2020 | ORL | TW E3 | 520 | AC | 9,009 | 45 | AC Restoration | $ 99,000.00 |
| 2020 | ORL | TW E3 | 522 | AC | 2,133 | 47 | AC Restoration | $ 22,000.00 |
| 2020 | ORL | TW E4 | 1070 | AAC | 130,837 | 49 | AC Restoration | $ 1,278,000.00 |
| 2020 | ORL | TW E4 | 1080 | AAC | 8,393 | 55 | AC Restoration | $ 80,000.00 |
| 2020 | ORL | TW E5 | 560 | AC | 5,540 | 64 | AC Restoration | $ 53,000.00 |
| 2020 | ORL | TW F | 605 | AC | 54,815 | 44 | AC Restoration | $ 613,000.00 |
| 2020 | ORL | TW G | 705 | AC | 30,099 | 53 | AC Restoration | $ 286,000.00 |
| 2020 | ORL | TW G | 710 | AC | 9,812 | 54 | AC Restoration | $ 94,000.00 |
| 2020 | ORL | TW H | 806 | AC | 62,452 | 51 | AC Restoration | $ 594,000.00 |
| 2021 | ORL | AP N | 4170 | AC | 84,878 | 64 | AC Restoration | $ 807,000.00 |
| 2021 | ORL | AP W SEGM | 4805 | AAC | 129,830 | 63 | AC Restoration | $ 1,234,000.00 |
| 2021 | ORL | TW E6 | 805 | AC | 17,742 | 64 | AC Restoration | $ 169,000.00 |
| 2022 | ORL | RW 13-31 | 6205 | AC | 445,836 | 64 | AC Restoration | $ 4,236,000.00 |
| 2022 | ORL | TW A | 125 | AAC | 257,040 | 64 | AC Restoration | $ 2,442,000.00 |
| 2022 | ORL | TW A3 | 130 | AAC | 56,163 | 64 | AC Restoration | $ 534,000.00 |
| 2024 | ORL | TW E4 | 1105 | AC | 6,580 | 64 | AC Restoration | $ 63,000.00 |
| 2024 | ORL | TW K | 610 | AC | 27,266 | 64 | AC Restoration | $ 260,000.00 |
| 2025 | ORL | AP NE | 4315 | AAC | 24,518 | 64 | AC Restoration | $ 233,000.00 |
| 2025 | ORL | AP NE | 4320 | AAC | 53,040 | 64 | AC Restoration | $ 504,000.00 |
| 2025 | ORL | AP W SEGM | 4810 | AAC | 79,530 | 64 | AC Restoration | $ 756,000.00 |
| 2025 | ORL | TW A6 | 113 | AC | 26,953 | 64 | AC Restoration | $ 257,000.00 |
| 2026 | ORL | AP RU | 5110 | AC | 25,880 | 64 | AC Restoration | $ 246,000.00 |
| 2026 | ORL | AP RU | 5115 | AC | 36,282 | 63 | AC Restoration | $ 345,000.00 |
| 2026 | ORL | AP RU | 5120 | AC | 41,840 | 64 | AC Restoration | $ 398,000.00 |
| 2026 | ORL | TW A5 | 425 | AAC | 9,443 | 64 | AC Restoration | $ 90,000.00 |
| 2027 | ORL | AP N | 4175 | AC | 42,594 | 64 | AC Restoration | $ 405,000.00 |

**All values have been rounded to the nearest thousand-dollar.*

The following **Figure 6.3.1 (a)** summarizes the section-level major rehabilitation needs for a 10-year period between 2020 and 2029. **Figure 6.3.1 (b)** provides an inset view of Airfield Pavement Major Rehabilitation Exhibit, a large format exhibit is located in **Appendix C Technical Exhibits**. The exhibit graphically depicts the Major Rehabilitation Needs with rounded costs.

*Figure 6.3.1 (a) 10-Year Major Rehabilitation Needs by Program Year*

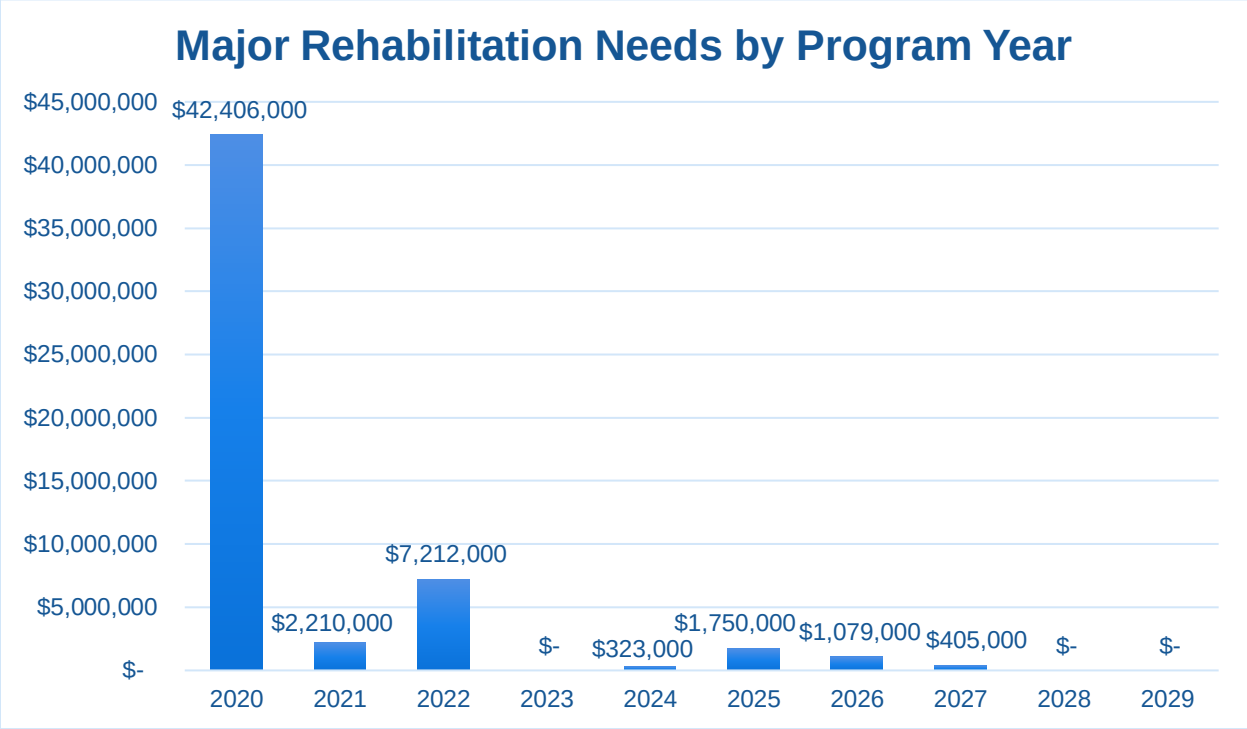
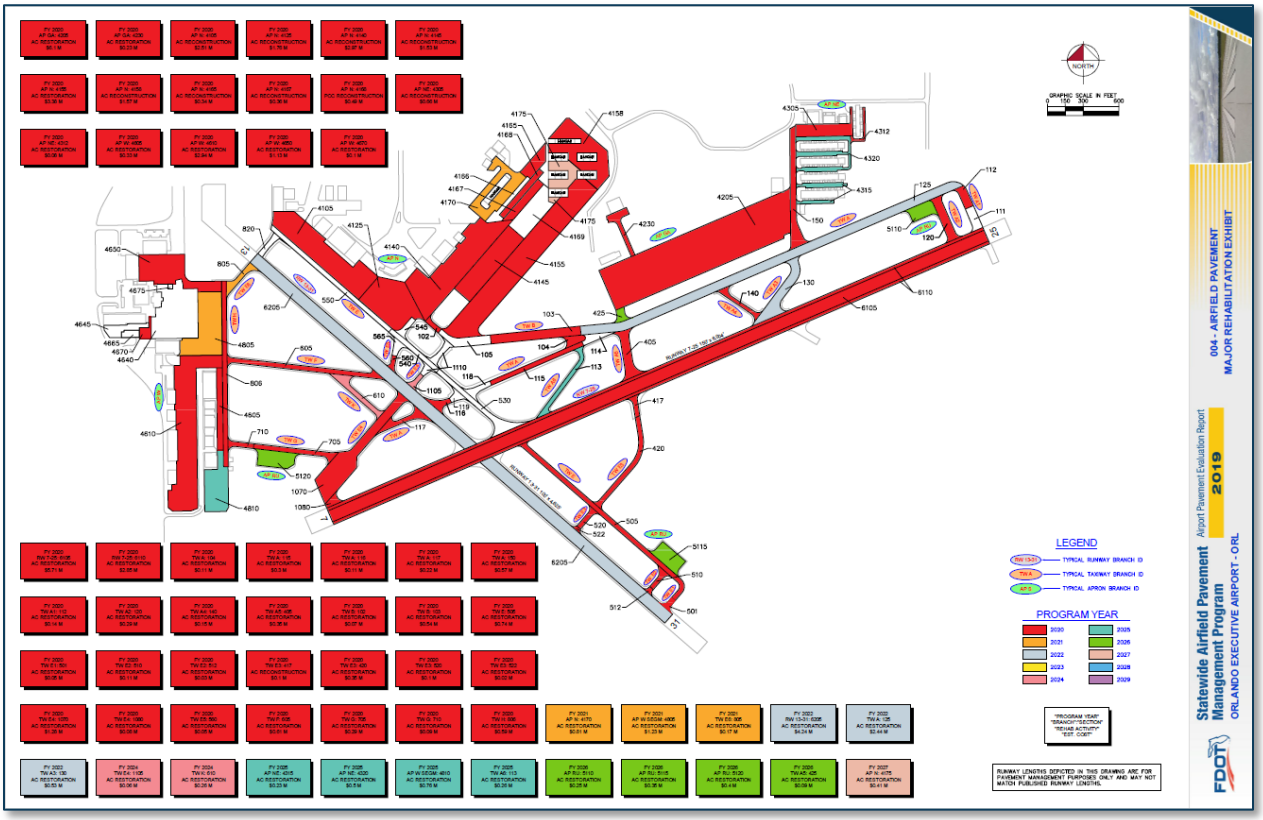
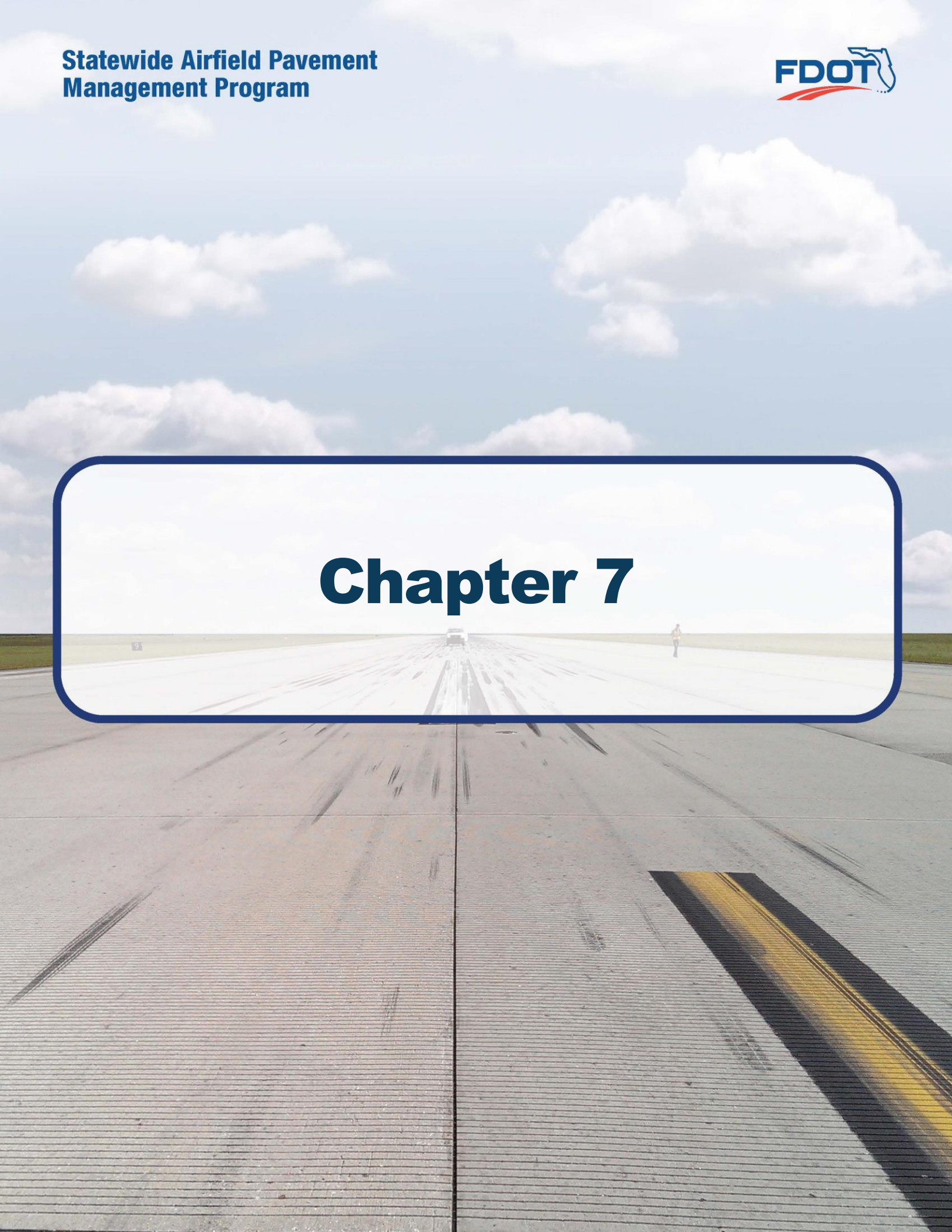



*Figure 6.3.1 (b) 10-Year Major Rehabilitation Needs by Program Year Exhibit*





# Chapter 7

# Chapter 7 – Conclusion

## 7.1 Recommendations

### 7.1.1 Continued PCI Survey Inspections

It is recommended that the airport continue to perform regularly scheduled PCI Survey inspections in accordance with the ASTM D5340-12 (or latest edition) to monitor the condition of the airfield pavement facilities.

A high priority should be considered for continuous maintenance record keeping and re-inspection of all the airport's maintained pavement facilities to ensure continued safe aircraft operations. A series of scheduled periodic inspections must be carried out for an effective maintenance program. Re-inspection of pavements should be scheduled in a timely manner to ensure that all areas, particularly those that may not come under day-to-day observation, are thoroughly evaluated and reported.

### 7.1.2 Localized Maintenance and Repair

While deterioration of the pavements due to usage and exposure to the environment cannot be completely prevented, applying timely and effective maintenance efforts can slow the anticipated rate of deterioration. Lack of adequate and timely maintenance is the significant factor in pavement deterioration.

It is recommended that airport sponsors coordinate with their respective Airport Maintenance staff and Airport Engineer when developing project-level maintenance and repair efforts.

### 7.1.3 Major Rehabilitation

Chapter 6 – Major Rehabilitation Planning identified major pavement rehabilitation project needs from 2020-2029. The identification of the rehabilitation needs was performed at the section level for manageable project areas with the assumption of an unconstrained budget scenario. Given the uncertainty in the airport-specific budget information and prioritization goals, the unconstrained budget scenario was performed to evaluate the worst-case scenario and identify all the inspected pavements' needs in a 10-year period. Certainly, it is understood that most airports are faced with constrained budgets; further evaluation of projects based on prioritization, operational criticality, funding availability, and practicality is recommended.

### 7.1.4 Pavement Management System

The following recommendations are made to fully implement an effective pavement management program for the airport:

- Develop a detailed preventive maintenance program for the airport.
- Further refine and implement the identified 10-year major rehabilitation needs.
- Maintain detailed records on pavement maintenance, construction, and inspection.
- Maintain records on major pavement construction projects (year, scope, cost, and construction documents).

## 7.2 Supporting Documents

### *001 – Airfield Pavement Network Definition Exhibit*

The Airfield Pavement Network Definition Exhibit is located in **Appendix C Technical Exhibits**. The exhibit depicts the airfield layout in a manner that defines the airfield pavement infrastructure as branches, sections, and sample units in accordance with the ASTM D5340-12. The exhibit is intended for planning purposes only – further detail on facilities can be found on the Airport's adopted Airport Layout Plan. Detailed characteristics are tabulated in **Appendix A Pavement Analysis Tables.**

### *002 – Airfield Pavement System Inventory Exhibit*

The Airfield Pavement System Inventory Exhibit in is located in **Appendix C Technical Exhibits**. The exhibit depicts any recent and/or anticipated construction activity within the airfield pavement facilities reported by airport staff. The exhibit is intended to schematically identify the pavement limits of works and general work description. The information reported on the ***Airport Response Form*** provided by each participating airport was used as the basis of the changes; furthermore, changes are confirmed at the airport with airport staff during the in-brief and debrief meeting.

### *003 – Airfield Pavement Condition Index Exhibit*

The Airfield Pavement Condition Index Exhibit is located in **Appendix C Technical Exhibits**. The exhibit is a visual summary of the latest conditions calculated from the results of the PCI Survey performed at the airport. The analysis of the distresses surveyed in accordance with the ASTM D5340-12 (referenced in **Appendix E Inspection Distress Details**) were analyzed using PAVER™ software to determine PCI values. The PCI values are identified in the exhibit and graphically represented using the standard ASTM D5340-12 colors for condition rating categories.

### *004 – Airfield Pavement Major Rehabilitation Exhibit*

The Airfield Pavement Major Rehabilitation Exhibit is located in **Appendix C Technical Exhibits**. The exhibit has been prepared based on the section condition analysis, pavement condition forecasts, and major rehabilitation needs analysis. The exhibit graphically depicts the inventory with the associated rehabilitation type activity, program year, and the planning-level costs. The area limits, rehabilitation type, and planning-level costs should not be considered a design-level recommendation. A tabulation of the 10-Year Major Rehabilitation is located in **Appendix B Airfield Pavement Localized Maintenance and Repair and Major Rehabilitation.**

### *Inspection Photograph Documentation*

Representative field conditions from the PCI Survey are documented with digital photographs located in **Appendix D Inspection Photograph Documentation.** Select photographs are provided with limited caption on the distresses observed – the Appendix does not contain photographs for every sample unit.

## 7.3 Conclusion

The FDOT SAPMP Update Phase 2 2018-2019 was completed for the airport on behalf of the FDOT ASO in accordance with the Advisory Circulars ***150/5380-7B "Airport Pavement Management Program (PMP)"*** and ***150/5380-6C "Guidelines and Procedures for Maintenance of Airport Pavements."*** FDOT's implementation of the SAPMP has assisted public airports with this requirement in performing PCI survey inspections and analysis in accordance with the ASTM ***D5340-12*** "***Standard Test Method for Airport Pavement Condition Index Surveys."***

# Appendix A

## Airfield Pavement Analysis Tables

*Table A-1 Pavement System Inventory Details*

| Network ID | Branch Name | Branch ID | Branch Use | Section ID | Length (FT) | Width (FT) | Area (SF) | Surface Type | Est. Last Construction Date |
|---|---|---|---|---|---|---|---|---|---|
| ORL | GA APRON | AP GA | APRON | 4205 | 1,675 | 364 | 608,614 | AC | 1/1/1984 |
| ORL | GA APRON | AP GA | APRON | 4230 | 1,129 | 50 | 23,614 | AC | 12/25/1999 |
| ORL | NORTH APRON | AP N | APRON | 4105 | 500 | 370 | 200,966 | AC | 1/1/1979 |
| ORL | NORTH APRON | AP N | APRON | 4125 | 400 | 350 | 140,429 | AC | 1/1/1978 |
| ORL | NORTH APRON | AP N | APRON | 4140 | 1,000 | 200 | 237,860 | AC | 1/1/1979 |
| ORL | NORTH APRON | AP N | APRON | 4145 | 700 | 200 | 122,500 | AC | 1/1/1968 |
| ORL | NORTH APRON | AP N | APRON | 4155 | 3,985 | 200 | 337,449 | AC | 1/1/1984 |
| ORL | NORTH APRON | AP N | APRON | 4158 | 580 | 215 | 125,584 | AAC | 1/1/2002 |
| ORL | NORTH APRON | AP N | APRON | 4165 | 270 | 100 | 27,156 | AC | 1/1/1984 |
| ORL | NORTH APRON | AP N | APRON | 4166 | 440 | 50 | 22,635 | AC | 9/1/2012 |
| ORL | NORTH APRON | AP N | APRON | 4167 | 450 | 60 | 28,916 | AC | 1/1/1984 |
| ORL | NORTH APRON | AP N | APRON | 4168 | 500 | 50 | 24,538 | PCC | 1/1/2005 |
| ORL | NORTH APRON | AP N | APRON | 4169 | 400 | 200 | 72,939 | AC | 9/1/2012 |
| ORL | NORTH APRON | AP N | APRON | 4170 | 850 | 100 | 84,878 | AC | 1/1/1984 |
| ORL | NORTH APRON | AP N | APRON | 4175 | 250 | 165 | 42,594 | AC | 1/1/1960 |
| ORL | NE APRON | AP NE | APRON | 4305 | 500 | 100 | 52,643 | AC | 1/1/1984 |
| ORL | NE APRON | AP NE | APRON | 4312 | 450 | 20 | 8,541 | AC | 12/25/1999 |
| ORL | NE APRON | AP NE | APRON | 4315 | 600 | 40 | 24,518 | AAC | 1/1/2007 |
| ORL | NE APRON | AP NE | APRON | 4320 | 1,000 | 50 | 53,040 | AAC | 1/1/2007 |
| ORL | RUN-UP APRONS | AP RU | APRON | 5110 | 233 | 100 | 25,880 | AC | 1/1/2001 |
| ORL | RUN-UP APRONS | AP RU | APRON | 5115 | 255 | 130 | 36,282 | AC | 1/1/2001 |
| ORL | RUN-UP APRONS | AP RU | APRON | 5120 | 420 | 100 | 41,840 | AC | 1/1/2001 |
| ORL | WEST APRON | AP W | APRON | 4605 | 700 | 50 | 34,600 | AC | 1/1/2002 |
| ORL | WEST APRON | AP W | APRON | 4610 | 150 | 1,700 | 260,825 | AC | 1/1/1999 |
| ORL | WEST APRON | AP W | APRON | 4640 | 450 | 350 | 157,964 | AAC | 3/1/2019 |
| ORL | WEST APRON | AP W | APRON | 4645 | 375 | 65 | 24,864 | AC | 12/1/2017 |
| ORL | WEST APRON | AP W | APRON | 4650 | 520 | 220 | 115,747 | AC | 12/1/1998 |
| ORL | WEST APRON | AP W | APRON | 4665 | 150 | 60 | 8,833 | PCC | 6/1/2019 |
| ORL | WEST APRON | AP W | APRON | 4670 | 110 | 100 | 10,856 | AC | 12/1/1998 |
| ORL | WEST APRON | AP W | APRON | 4675 | 44 | 40 | 1,760 | PCC | 3/1/2019 |
| ORL | SE SEGMENT OF WEST APRON | AP W SEGM | APRON | 4805 | 535 | 245 | 129,830 | AAC | 1/1/2001 |
| ORL | SE SEGMENT OF WEST APRON | AP W SEGM | APRON | 4810 | 400 | 200 | 79,530 | AAC | 1/1/2012 |
| ORL | RUNWAY 13-31 | RW 13-31 | RUNWAY | 6205 | 4,500 | 100 | 445,836 | AC | 1/1/1999 |
| ORL | RUNWAY 7-25 | RW 7-25 | RUNWAY | 6105 | 6,005 | 100 | 600,500 | AAC | 1/2/2001 |
| ORL | RUNWAY 7-25 | RW 7-25 | RUNWAY | 6110 | 12,010 | 25 | 300,250 | AAC | 1/2/2001 |
| ORL | TAXIWAY A | TW A | TAXIWAY | 104 | 195 | 65 | 11,949 | AC | 1/1/2001 |

| Network ID | Branch Name | Branch ID | Branch Use | Section ID | Length (FT) | Width (FT) | Area (SF) | Surface Type | Est. Last Construction Date |
|---|---|---|---|---|---|---|---|---|---|
| ORL | TAXIWAY A | TW A | TAXIWAY | 114 | 200 | 50 | 12,579 | AC | 1/1/1999 |
| ORL | TAXIWAY A | TW A | TAXIWAY | 115 | 870 | 38 | 31,644 | AC | 1/1/1984 |
| ORL | TAXIWAY A | TW A | TAXIWAY | 116 | 60 | 150 | 11,579 | AC | 1/1/1984 |
| ORL | TAXIWAY A | TW A | TAXIWAY | 117 | 390 | 35 | 22,912 | AC | 1/1/1984 |
| ORL | TAXIWAY A | TW A | TAXIWAY | 118 | 208 | 47 | 12,843 | AAC | 10/1/2015 |
| ORL | TAXIWAY A | TW A | TAXIWAY | 119 | 104 | 78 | 8,568 | AAC | 10/1/2015 |
| ORL | TAXIWAY A | TW A | TAXIWAY | 125 | 3,400 | 75 | 257,040 | AAC | 1/1/1997 |
| ORL | TAXIWAY A | TW A | TAXIWAY | 150 | 1,000 | 50 | 60,358 | AC | 1/1/1963 |
| ORL | TAXIWAY A1 | TW A1 | TAXIWAY | 111 | 200 | 125 | 15,537 | AAC | 1/1/1997 |
| ORL | TAXIWAY A1 | TW A1 | TAXIWAY | 112 | 190 | 75 | 14,428 | AAC | 1/1/1997 |
| ORL | TAXIWAY A2 | TW A2 | TAXIWAY | 120 | 387 | 75 | 30,935 | AAC | 1/1/1997 |
| ORL | TAXIWAY A3 | TW A3 | TAXIWAY | 130 | 600 | 75 | 56,163 | AAC | 1/1/1997 |
| ORL | TAXIWAY A4 | TW A4 | TAXIWAY | 140 | 397 | 30 | 15,668 | AC | 1/1/1999 |
| ORL | TAXIWAY A5 | TW A5 | TAXIWAY | 405 | 400 | 75 | 37,049 | AAC | 1/1/1997 |
| ORL | TAXIWAY A5 | TW A5 | TAXIWAY | 425 | 95 | 100 | 9,443 | AAC | 1/1/1997 |
| ORL | TAXIWAY A6 | TW A6 | TAXIWAY | 113 | 640 | 35 | 26,953 | AC | 1/1/2001 |
| ORL | TAXIWAY B | TW B | TAXIWAY | 102 | 145 | 50 | 6,388 | AC | 1/1/1991 |
| ORL | TAXIWAY B | TW B | TAXIWAY | 103 | 760 | 75 | 57,000 | AAC | 1/1/1999 |
| ORL | TAXIWAY B | TW B | TAXIWAY | 105 | 435 | 75 | 30,470 | AAC | 12/25/2015 |
| ORL | TAXIWAY E | TW E | TAXIWAY | 505 | 1,822 | 40 | 78,110 | AC | 1/1/1983 |
| ORL | TAXIWAY E | TW E | TAXIWAY | 530 | 680 | 40 | 46,191 | AAC | 12/25/2015 |
| ORL | TAXIWAY E | TW E | TAXIWAY | 540 | 350 | 40 | 21,326 | AAC | 12/25/2015 |
| ORL | TAXIWAY E | TW E | TAXIWAY | 545 | 180 | 45 | 9,618 | AAC | 12/25/2015 |
| ORL | TAXIWAY E | TW E | TAXIWAY | 550 | 1,336 | 40 | 52,982 | AAC | 12/25/2015 |
| ORL | TAXIWAY E1 | TW E1 | TAXIWAY | 501 | 40 | 125 | 5,073 | AC | 1/1/1977 |
| ORL | TAXIWAY E2 | TW E2 | TAXIWAY | 510 | 140 | 40 | 9,644 | AC | 1/1/1983 |
| ORL | TAXIWAY E2 | TW E2 | TAXIWAY | 512 | 75 | 40 | 2,687 | AC | 1/1/1983 |
| ORL | TAXIWAY E3 | TW E3 | TAXIWAY | 417 | 42 | 200 | 8,311 | AC | 1/1/1977 |
| ORL | TAXIWAY E3 | TW E3 | TAXIWAY | 420 | 40 | 900 | 36,384 | AC | 1/1/1984 |
| ORL | TAXIWAY E3 | TW E3 | TAXIWAY | 520 | 225 | 40 | 9,009 | AC | 1/1/1983 |
| ORL | TAXIWAY E3 | TW E3 | TAXIWAY | 522 | 67 | 32 | 2,133 | AC | 1/1/1983 |
| ORL | TAXIWAY E4 | TW E4 | TAXIWAY | 1070 | 1,072 | 75 | 130,837 | AAC | 1/1/1977 |
| ORL | TAXIWAY E4 | TW E4 | TAXIWAY | 1080 | 80 | 50 | 8,393 | AAC | 1/1/1977 |
| ORL | TAXIWAY E4 | TW E4 | TAXIWAY | 1105 | 175 | 38 | 6,580 | AC | 1/1/1991 |
| ORL | TAXIWAY E4 | TW E4 | TAXIWAY | 1110 | 70 | 75 | 20,682 | AAC | 12/25/2015 |
| ORL | TAXIWAY E5 | TW E5 | TAXIWAY | 560 | 115 | 40 | 5,540 | AC | 1/1/1991 |
| ORL | TAXIWAY E5 | TW E5 | TAXIWAY | 565 | 140 | 40 | 9,465 | AAC | 10/1/2015 |
| ORL | TAXIWAY E6 | TW E6 | TAXIWAY | 805 | 185 | 40 | 17,742 | AC | 1/1/1984 |

| Network ID | Branch Name | Branch ID | Branch Use | Section ID | Length (FT) | Width (FT) | Area (SF) | Surface Type | Est. Last Construction Date |
|---|---|---|---|---|---|---|---|---|---|
| ORL | TAXIWAY E6 | TW E6 | TAXIWAY | 820 | 145 | 70 | 11,139 | AC | 12/25/2015 |
| ORL | TAXIWAY F | TW F | TAXIWAY | 605 | 1,300 | 40 | 54,815 | AC | 1/1/1984 |
| ORL | TAXIWAY G | TW G | TAXIWAY | 705 | 660 | 40 | 30,099 | AC | 1/1/1984 |
| ORL | TAXIWAY G | TW G | TAXIWAY | 710 | 215 | 40 | 9,812 | AC | 1/1/1988 |
| ORL | TAXIWAY H | TW H | TAXIWAY | 806 | 1,560 | 40 | 62,452 | AC | 1/1/1983 |
| ORL | TAXIWAY K | TW K | TAXIWAY | 610 | 500 | 50 | 27,266 | AC | 1/1/1999 |

*Table A-2 Pavement Condition Index Summary (Last Inspection) – Section Level*

| Network ID | Branch Name | Branch Use | Section ID | Area (SF) | PCI | Condition Rating |
|---|---|---|---|---|---|---|
| ORL | RUNWAY 7-25 | RUNWAY | 6105 | 600,500 | 63 | Fair |
| ORL | RUNWAY 7-25 | RUNWAY | 6110 | 300,250 | 64 | Fair |
| ORL | RUNWAY 13-31 | RUNWAY | 6205 | 445,836 | 66 | Fair |
| ORL | TAXIWAY A | TAXIWAY | 104 | 11,949 | 66 | Fair |
| ORL | TAXIWAY A | TAXIWAY | 114 | 12,579 | 78 | Satisfactory |
| ORL | TAXIWAY A | TAXIWAY | 115 | 31,644 | 56 | Fair |
| ORL | TAXIWAY A | TAXIWAY | 116 | 11,579 | 63 | Fair |
| ORL | TAXIWAY A | TAXIWAY | 117 | 22,912 | 62 | Fair |
| ORL | TAXIWAY A | TAXIWAY | 118 | 12,843 | 94 | Good |
| ORL | TAXIWAY A | TAXIWAY | 119 | 8,568 | 89 | Good |
| ORL | TAXIWAY A | TAXIWAY | 125 | 257,040 | 67 | Fair |
| ORL | TAXIWAY A | TAXIWAY | 150 | 60,358 | 57 | Fair |
| ORL | TAXIWAY A1 | TAXIWAY | 111 | 15,537 | 77 | Satisfactory |
| ORL | TAXIWAY A1 | TAXIWAY | 112 | 14,428 | 57 | Fair |
| ORL | TAXIWAY A2 | TAXIWAY | 120 | 30,935 | 65 | Fair |
| ORL | TAXIWAY A3 | TAXIWAY | 130 | 56,163 | 67 | Fair |
| ORL | TAXIWAY A4 | TAXIWAY | 140 | 15,668 | 63 | Fair |
| ORL | TAXIWAY A5 | TAXIWAY | 405 | 37,049 | 65 | Fair |
| ORL | TAXIWAY A5 | TAXIWAY | 425 | 9,443 | 71 | Satisfactory |
| ORL | TAXIWAY A6 | TAXIWAY | 113 | 26,953 | 72 | Satisfactory |
| ORL | TAXIWAY B | TAXIWAY | 102 | 6,388 | 48 | Poor |
| ORL | TAXIWAY B | TAXIWAY | 103 | 57,000 | 55 | Poor |
| ORL | TAXIWAY B | TAXIWAY | 105 | 30,470 | 87 | Good |
| ORL | TAXIWAY E | TAXIWAY | 505 | 78,110 | 65 | Fair |
| ORL | TAXIWAY E | TAXIWAY | 530 | 46,191 | 93 | Good |
| ORL | TAXIWAY E | TAXIWAY | 540 | 21,326 | 94 | Good |
| ORL | TAXIWAY E | TAXIWAY | 545 | 9,618 | 88 | Good |
| ORL | TAXIWAY E | TAXIWAY | 550 | 52,982 | 91 | Good |
| ORL | TAXIWAY E1 | TAXIWAY | 501 | 5,073 | 50 | Poor |
| ORL | TAXIWAY E2 | TAXIWAY | 510 | 9,644 | 46 | Poor |
| ORL | TAXIWAY E2 | TAXIWAY | 512 | 2,687 | 61 | Fair |
| ORL | TAXIWAY E3 | TAXIWAY | 417 | 8,311 | 29 | Very Poor |
| ORL | TAXIWAY E3 | TAXIWAY | 420 | 36,384 | 50 | Poor |
| ORL | TAXIWAY E3 | TAXIWAY | 520 | 9,009 | 46 | Poor |
| ORL | TAXIWAY E3 | TAXIWAY | 522 | 2,133 | 48 | Poor |
| ORL | TAXIWAY E4 | TAXIWAY | 1070 | 130,837 | 50 | Poor |
| ORL | TAXIWAY E4 | TAXIWAY | 1080 | 8,393 | 56 | Fair |
| ORL | TAXIWAY E4 | TAXIWAY | 1105 | 6,580 | 70 | Fair |

| Network ID | Branch Name | Branch Use | Section ID | Area (SF) | PCI | Condition Rating |
|---|---|---|---|---|---|---|
| ORL | TAXIWAY E4 | TAXIWAY | 1110 | 20,682 | 94 | Good |
| ORL | TAXIWAY E5 | TAXIWAY | 560 | 5,540 | 65 | Fair |
| ORL | TAXIWAY E5 | TAXIWAY | 565 | 9,465 | 94 | Good |
| ORL | TAXIWAY E6 | TAXIWAY | 805 | 17,742 | 67 | Fair |
| ORL | TAXIWAY E6 | TAXIWAY | 820 | 11,139 | 94 | Good |
| ORL | TAXIWAY F | TAXIWAY | 605 | 54,815 | 45 | Poor |
| ORL | TAXIWAY G | TAXIWAY | 705 | 30,099 | 54 | Poor |
| ORL | TAXIWAY G | TAXIWAY | 710 | 9,812 | 55 | Poor |
| ORL | TAXIWAY H | TAXIWAY | 806 | 62,452 | 52 | Poor |
| ORL | TAXIWAY K | TAXIWAY | 610 | 27,266 | 70 | Fair |
| ORL | NORTH APRON | APRON | 4105 | 200,966 | 6 | Failed |
| ORL | NORTH APRON | APRON | 4125 | 140,429 | 5 | Failed |
| ORL | NORTH APRON | APRON | 4140 | 237,860 | 25 | Serious |
| ORL | NORTH APRON | APRON | 4145 | 122,500 | 34 | Very Poor |
| ORL | NORTH APRON | APRON | 4155 | 337,449 | 49 | Poor |
| ORL | NORTH APRON | APRON | 4158 | 125,584 | 6 | Failed |
| ORL | NORTH APRON | APRON | 4165 | 27,156 | 7 | Failed |
| ORL | NORTH APRON | APRON | 4166 | 22,635 | 89 | Good |
| ORL | NORTH APRON | APRON | 4167 | 28,916 | 12 | Serious |
| ORL | NORTH APRON | APRON | 4168 | 24,538 | 0 | Failed |
| ORL | NORTH APRON | APRON | 4169 | 72,939 | 86 | Good |
| ORL | NORTH APRON | APRON | 4170 | 84,878 | 67 | Fair |
| ORL | NORTH APRON | APRON | 4175 | 42,594 | 76 | Satisfactory |
| ORL | GA APRON | APRON | 4205 | 608,614 | 49 | Poor |
| ORL | GA APRON | APRON | 4230 | 23,614 | 61 | Fair |
| ORL | NE APRON | APRON | 4305 | 52,643 | 23 | Serious |
| ORL | NE APRON | APRON | 4312 | 8,541 | 59 | Fair |
| ORL | NE APRON | APRON | 4315 | 24,518 | 77 | Satisfactory |
| ORL | NE APRON | APRON | 4320 | 53,040 | 77 | Satisfactory |
| ORL | WEST APRON | APRON | 4605 | 34,600 | 64 | Fair |
| ORL | WEST APRON | APRON | 4610 | 260,825 | 45 | Poor |
| ORL | WEST APRON | APRON | 4640 | 157,964 | 100 | Good |
| ORL | WEST APRON | APRON | 4645 | 24,864 | 100 | Good |
| ORL | WEST APRON | APRON | 4650 | 115,747 | 50 | Poor |
| ORL | WEST APRON | APRON | 4665 | 8,833 | 100 | Good |
| ORL | WEST APRON | APRON | 4670 | 10,856 | 58 | Fair |
| ORL | WEST APRON | APRON | 4675 | 1,760 | 100 | Good |
| ORL | SE SEGMENT OF WEST APRON | APRON | 4805 | 129,830 | 67 | Fair |
| ORL | SE SEGMENT OF WEST APRON | APRON | 4810 | 79,530 | 77 | Satisfactory |

| Network ID | Branch Name | Branch Use | Section ID | Area (SF) | PCI | Condition Rating |
|---|---|---|---|---|---|---|
| ORL | RUN-UP APRONS | APRON | 5110 | 25,880 | 75 | Satisfactory |
| ORL | RUN-UP APRONS | APRON | 5115 | 36,282 | 74 | Satisfactory |
| ORL | RUN-UP APRONS | APRON | 5120 | 41,840 | 75 | Satisfactory |

*Table A-3 Forecasted PCI 2020-2029*

| Network ID | Branch ID | Section ID | Last PCI | Forecasted PCI | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
| ORL | AP GA | 4205 | 49 | 48 | 47 | 46 | 45 | 44 | 43 | 41 | 40 | 39 | 38 |
| ORL | AP GA | 4230 | 61 | 60 | 59 | 58 | 57 | 56 | 56 | 55 | 54 | 54 | 53 |
| ORL | AP N | 4105 | 6 | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 2 | 2 |
| ORL | AP N | 4125 | 5 | 4 | 4 | 4 | 3 | 3 | 2 | 2 | 2 | 1 | 1 |
| ORL | AP N | 4140 | 25 | 24 | 24 | 24 | 23 | 23 | 22 | 22 | 22 | 21 | 21 |
| ORL | AP N | 4145 | 34 | 33 | 32 | 31 | 30 | 30 | 29 | 29 | 29 | 28 | 28 |
| ORL | AP N | 4155 | 49 | 48 | 47 | 46 | 45 | 44 | 43 | 41 | 40 | 39 | 38 |
| ORL | AP N | 4158 | 6 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ORL | AP N | 4165 | 7 | 6 | 6 | 6 | 5 | 5 | 4 | 4 | 4 | 3 | 3 |
| ORL | AP N | 4166 | 89 | 87 | 84 | 82 | 80 | 78 | 76 | 74 | 72 | 71 | 69 |
| ORL | AP N | 4167 | 12 | 11 | 11 | 11 | 10 | 10 | 9 | 9 | 9 | 8 | 8 |
| ORL | AP N | 4168 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ORL | AP N | 4169 | 86 | 84 | 82 | 79 | 77 | 75 | 74 | 72 | 70 | 69 | 67 |
| ORL | AP N | 4170 | 67 | 65 | 64 | 63 | 62 | 61 | 60 | 59 | 58 | 57 | 57 |
| ORL | AP N | 4175 | 76 | 74 | 72 | 71 | 69 | 67 | 66 | 65 | 64 | 62 | 61 |
| ORL | AP NE | 4305 | 23 | 22 | 22 | 22 | 21 | 21 | 20 | 20 | 20 | 19 | 19 |
| ORL | AP NE | 4312 | 59 | 58 | 57 | 56 | 56 | 55 | 54 | 53 | 53 | 52 | 51 |
| ORL | AP NE | 4315 | 77 | 75 | 73 | 70 | 68 | 66 | 64 | 62 | 60 | 57 | 55 |
| ORL | AP NE | 4320 | 77 | 75 | 73 | 70 | 68 | 66 | 64 | 62 | 60 | 57 | 55 |
| ORL | AP RU | 5110 | 75 | 73 | 71 | 70 | 68 | 67 | 65 | 64 | 63 | 62 | 61 |
| ORL | AP RU | 5115 | 74 | 72 | 70 | 69 | 67 | 66 | 65 | 63 | 62 | 61 | 60 |
| ORL | AP RU | 5120 | 75 | 73 | 71 | 70 | 68 | 67 | 65 | 64 | 63 | 62 | 61 |
| ORL | AP W | 4605 | 64 | 63 | 62 | 61 | 60 | 59 | 58 | 57 | 56 | 56 | 55 |
| ORL | AP W | 4610 | 45 | 44 | 42 | 41 | 40 | 39 | 38 | 37 | 35 | 34 | 33 |
| ORL | AP W | 4640 | 100 | 98 | 96 | 93 | 91 | 89 | 87 | 85 | 82 | 80 | 78 |
| ORL | AP W | 4645 | 100 | 95 | 93 | 91 | 88 | 86 | 84 | 82 | 80 | 78 | 75 |
| ORL | AP W | 4650 | 50 | 49 | 48 | 47 | 46 | 45 | 44 | 43 | 42 | 40 | 39 |
| ORL | AP W | 4665 | 100 | 99 | 97 | 96 | 95 | 94 | 92 | 91 | 90 | 89 | 87 |
| ORL | AP W | 4670 | 58 | 57 | 56 | 55 | 55 | 54 | 53 | 53 | 52 | 51 | 50 |
| ORL | AP W | 4675 | 100 | 98 | 97 | 96 | 95 | 93 | 92 | 91 | 90 | 88 | 87 |
| ORL | AP W SEGM | 4805 | 67 | 65 | 63 | 60 | 58 | 56 | 54 | 52 | 50 | 47 | 45 |
| ORL | AP W SEGM | 4810 | 77 | 75 | 73 | 70 | 68 | 66 | 64 | 62 | 60 | 57 | 55 |
| ORL | RW 13-31 | 6205 | 66 | 65 | 65 | 64 | 63 | 63 | 62 | 61 | 60 | 58 | 57 |
| ORL | RW 7-25 | 6105 | 63 | 62 | 61 | 61 | 60 | 59 | 59 | 58 | 57 | 57 | 56 |
| ORL | RW 7-25 | 6110 | 64 | 63 | 62 | 61 | 61 | 60 | 59 | 59 | 58 | 57 | 57 |
| ORL | TW A | 104 | 66 | 65 | 63 | 62 | 61 | 60 | 59 | 58 | 57 | 56 | 55 |
| ORL | TW A | 114 | 78 | 76 | 75 | 74 | 72 | 71 | 70 | 68 | 67 | 66 | 65 |

| Network ID | Branch ID | Section ID | Last PCI | Forecasted PCI | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
| ORL | TW A | 115 | 56 | 55 | 54 | 53 | 52 | 51 | 50 | 49 | 48 | 47 | 47 |
| ORL | TW A | 116 | 63 | 62 | 60 | 59 | 58 | 57 | 56 | 55 | 54 | 53 | 52 |
| ORL | TW A | 117 | 62 | 61 | 59 | 58 | 57 | 56 | 55 | 54 | 53 | 52 | 51 |
| ORL | TW A | 118 | 94 | 92 | 90 | 88 | 86 | 84 | 82 | 80 | 79 | 77 | 76 |
| ORL | TW A | 119 | 89 | 87 | 85 | 83 | 81 | 80 | 78 | 77 | 75 | 74 | 73 |
| ORL | TW A | 125 | 67 | 66 | 65 | 64 | 63 | 62 | 61 | 61 | 60 | 59 | 58 |
| ORL | TW A | 150 | 57 | 56 | 55 | 54 | 53 | 52 | 51 | 50 | 49 | 48 | 47 |
| ORL | TW A1 | 111 | 77 | 75 | 74 | 73 | 72 | 70 | 69 | 68 | 67 | 66 | 65 |
| ORL | TW A1 | 112 | 57 | 56 | 55 | 54 | 53 | 52 | 51 | 50 | 49 | 48 | 47 |
| ORL | TW A2 | 120 | 65 | 64 | 63 | 62 | 61 | 60 | 60 | 59 | 58 | 57 | 56 |
| ORL | TW A3 | 130 | 67 | 66 | 65 | 64 | 63 | 62 | 61 | 61 | 60 | 59 | 58 |
| ORL | TW A4 | 140 | 63 | 62 | 60 | 59 | 58 | 57 | 56 | 55 | 54 | 53 | 52 |
| ORL | TW A5 | 405 | 65 | 64 | 63 | 62 | 61 | 60 | 60 | 59 | 58 | 57 | 56 |
| ORL | TW A5 | 425 | 71 | 70 | 69 | 67 | 66 | 66 | 65 | 64 | 63 | 62 | 61 |
| ORL | TW A6 | 113 | 72 | 70 | 69 | 68 | 67 | 65 | 64 | 63 | 62 | 61 | 60 |
| ORL | TW B | 102 | 48 | 47 | 46 | 45 | 45 | 44 | 43 | 42 | 42 | 41 | 41 |
| ORL | TW B | 103 | 55 | 54 | 53 | 52 | 51 | 50 | 49 | 48 | 47 | 46 | 44 |
| ORL | TW B | 105 | 87 | 85 | 83 | 81 | 80 | 78 | 77 | 75 | 74 | 73 | 72 |
| ORL | TW E | 505 | 65 | 64 | 62 | 61 | 60 | 59 | 58 | 57 | 56 | 55 | 54 |
| ORL | TW E | 530 | 93 | 91 | 89 | 87 | 85 | 83 | 81 | 80 | 78 | 77 | 75 |
| ORL | TW E | 540 | 94 | 92 | 90 | 88 | 86 | 84 | 82 | 80 | 79 | 77 | 76 |
| ORL | TW E | 545 | 88 | 86 | 84 | 82 | 81 | 79 | 78 | 76 | 75 | 73 | 72 |
| ORL | TW E | 550 | 91 | 89 | 87 | 85 | 83 | 81 | 80 | 78 | 77 | 75 | 74 |
| ORL | TW E1 | 501 | 50 | 49 | 48 | 47 | 46 | 46 | 45 | 44 | 43 | 43 | 42 |
| ORL | TW E2 | 510 | 46 | 45 | 44 | 43 | 43 | 42 | 42 | 41 | 40 | 40 | 39 |
| ORL | TW E2 | 512 | 61 | 60 | 58 | 57 | 56 | 55 | 54 | 53 | 52 | 52 | 51 |
| ORL | TW E3 | 417 | 29 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| ORL | TW E3 | 420 | 50 | 49 | 48 | 47 | 46 | 46 | 45 | 44 | 43 | 43 | 42 |
| ORL | TW E3 | 520 | 46 | 45 | 44 | 43 | 43 | 42 | 42 | 41 | 40 | 40 | 39 |
| ORL | TW E3 | 522 | 48 | 47 | 46 | 45 | 45 | 44 | 43 | 42 | 42 | 41 | 41 |
| ORL | TW E4 | 1070 | 50 | 49 | 48 | 46 | 45 | 44 | 43 | 41 | 40 | 38 | 36 |
| ORL | TW E4 | 1080 | 56 | 55 | 54 | 53 | 52 | 51 | 50 | 49 | 48 | 47 | 46 |
| ORL | TW E4 | 1105 | 70 | 68 | 67 | 66 | 65 | 64 | 62 | 61 | 60 | 59 | 58 |
| ORL | TW E4 | 1110 | 94 | 92 | 90 | 88 | 86 | 84 | 82 | 80 | 79 | 77 | 76 |
| ORL | TW E5 | 560 | 65 | 64 | 62 | 61 | 60 | 59 | 58 | 57 | 56 | 55 | 54 |
| ORL | TW E5 | 565 | 94 | 92 | 90 | 88 | 86 | 84 | 82 | 80 | 79 | 77 | 76 |
| ORL | TW E6 | 805 | 67 | 65 | 64 | 63 | 62 | 61 | 60 | 59 | 58 | 56 | 55 |
| ORL | TW E6 | 820 | 94 | 92 | 90 | 89 | 87 | 86 | 84 | 83 | 81 | 80 | 78 |

| Network ID | Branch ID | Section ID | Last PCI | Forecasted PCI | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
| ORL | TW F | 605 | 45 | 44 | 43 | 43 | 42 | 41 | 41 | 40 | 40 | 39 | 39 |
| ORL | TW G | 705 | 54 | 53 | 52 | 51 | 50 | 49 | 48 | 47 | 47 | 46 | 45 |
| ORL | TW G | 710 | 55 | 54 | 53 | 52 | 51 | 50 | 49 | 48 | 47 | 47 | 46 |
| ORL | TW H | 806 | 52 | 51 | 50 | 49 | 48 | 47 | 47 | 46 | 45 | 44 | 44 |
| ORL | TW K | 610 | 70 | 68 | 67 | 66 | 65 | 64 | 62 | 61 | 60 | 59 | 58 |

***Pavement Database: FDOT***

**Network:** ORLANDO EXECUT **Branch:** AP GA GA APRON **Section:** 4205 **Surface:**AC
**L.C.D.** 1/1/1984 **Use:** APRON **Rank:** P **Length:** 1,675.00 (Ft) **Width:** 364.00 (Ft) **True Area:** 608614.0001 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 4/1/2007 | ST-SS | Surface Treatment - Slurry Seal | 0.00 | 0.00 | ☐ | |
| 1/1/1984 | IMPORTED | BUILT | 0.00 | 4.00 | ☑ | 1984 4" P401 AC SURFACE ON 6" P211 BASE ON 16" P152 SUBBASE |

**Network:** ORLANDO EXECUT **Branch:** AP GA GA APRON **Section:** 4230 **Surface:**AC
**L.C.D.** 12/25/199 **Use:** APRON **Rank:** P **Length:** 1,129.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 23614.00000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 4/1/2007 | ST-SS | Surface Treatment - Slurry Seal | 0.00 | 0.00 | ☐ | |
| 12/25/1999 | NU-IN | New Construction - Initial | 0.00 | 0.00 | ☑ | |

**Network:** ORLANDO EXECUT **Branch:** AP N NORTH APRON **Section:** 4105 **Surface:**AC
**L.C.D.** 1/1/1979 **Use:** APRON **Rank:** T **Length:** 500.00 (Ft) **Width:** 370.00 (Ft) **True Area:** 200966.0000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1984 | IMPORTED | REPAIR | 0.00 | 0.00 | ☐ | 1984 SLURRY SEAL |
| 1/1/1979 | IMPORTED | BUILT | 0.00 | 2.00 | ☑ | 1979 2" P-401 8" P-211 |

**Network:** ORLANDO EXECUT **Branch:** AP N NORTH APRON **Section:** 4125 **Surface:**AC
**L.C.D.** 1/1/1978 **Use:** APRON **Rank:** P **Length:** 400.00 (Ft) **Width:** 350.00 (Ft) **True Area:** 140429.0000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1984 | IMPORTED | REPAIR | 0.00 | 0.00 | ☐ | 1984 SLURRY SEAL |
| 1/1/1978 | IMPORTED | BUILT | 0.00 | 3.00 | ☑ | 1978 3" P-401 8" P-211 |

**Network:** ORLANDO EXECUT **Branch:** AP N NORTH APRON **Section:** 4140 **Surface:**AC
**L.C.D.** 1/1/1979 **Use:** APRON **Rank:** P **Length:** 1,000.00 (Ft) **Width:** 200.00 (Ft) **True Area:** 237860.0000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 8/1/2012 | ST-SC | Surface Treatment - Seal Coat | 0.00 | 0.00 | ☐ | EAST SIDE OF NORTH RAMP WAS |
| 1/1/1984 | IMPORTED | REPAIR | 0.00 | 0.00 | ☐ | 1984 SLURRY SEAL |
| 1/1/1979 | IMPORTED | BUILT | 0.00 | 2.00 | ☑ | 1979 2" P-401 8" P-211 |

**Network:** ORLANDO EXECUT **Branch:** AP N NORTH APRON **Section:** 4145 **Surface:**AC
**L.C.D.** 1/1/1968 **Use:** APRON **Rank:** P **Length:** 700.00 (Ft) **Width:** 200.00 (Ft) **True Area:** 122500.0000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 8/1/2012 | ST-SC | Surface Treatment - Seal Coat | 0.00 | 0.00 | ☐ | EAST SIDE OF NORTH RAMP WAS |
| 1/1/1984 | IMPORTED | REPAIR | 0.00 | 0.00 | ☐ | 1984 SLURRY SEAL |
| 1/1/1968 | IMPORTED | BUILT | 0.00 | 1.50 | ☑ | 1968 1.5" P-401 7" P-211 |

**Network:** ORLANDO EXECUT **Branch:** AP N NORTH APRON **Section:** 4155 **Surface:**AC

**L.C.D.** 1/1/1984 **Use:** APRON **Rank:** P **Length:** 3,985.00 (Ft) **Width:** 200.00 (Ft) **True Area:** 337449.0001 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 8/1/2012 | ST-SC | Surface Treatment - Seal Coat | 0.00 | 0.00 | ☐ | EAST SIDE OF NORTH RAMP WAS |
| 1/1/1984 | IMPORTED | BUILT | 0.00 | 2.00 | ☑ | 1984 SLURRY SEAL 2" P-401 6" P-211 |

**Network:** ORLANDO EXECUT **Branch:** AP N NORTH APRON **Section:** 4158 **Surface:**AAC

**L.C.D.** 1/1/2002 **Use:** APRON **Rank:** P **Length:** 580.00 (Ft) **Width:** 215.00 (Ft) **True Area:** 125584.0000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 8/1/2012 | ST-SC | Surface Treatment - Seal Coat | 0.00 | 0.00 | ☐ | EAST SIDE OF NORTH RAMP WAS |
| 1/1/2002 | ML-OV | MILL and OVERLAY | 0.00 | 0.00 | ☑ | |
| 1/1/1984 | NU-IN | New Construction - Initial | 0.00 | 0.00 | ☑ | |

**Network:** ORLANDO EXECUT **Branch:** AP N NORTH APRON **Section:** 4165 **Surface:**AC

**L.C.D.** 1/1/1984 **Use:** APRON **Rank:** P **Length:** 270.00 (Ft) **Width:** 100.00 (Ft) **True Area:** 27156.00000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 8/1/2012 | ST-SC | Surface Treatment - Seal Coat | 0.00 | 0.00 | ☐ | EAST SIDE OF NORTH RAMP WAS |
| 1/1/1984 | IMPORTED | BUILT | 0.00 | 0.00 | ☑ | 1984 SLURRY SEAL EST 1984 BIT |

**Network:** ORLANDO EXECUT **Branch:** AP N NORTH APRON **Section:** 4166 **Surface:**AC

**L.C.D.** 9/1/2012 **Use:** APRON **Rank:** P **Length:** 440.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 22635.00000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 9/1/2012 | CR-AC | Complete Reconstruction - AC | 0.00 | 0.00 | ☑ | SEPT 2012 COMPLETED - RECONS |
| 1/1/1984 | IMPORTED | BUILT | 0.00 | 0.00 | ☑ | 1984 SLURRY SEAL EST 1984 BIT |

**Network:** ORLANDO EXECUT **Branch:** AP N NORTH APRON **Section:** 4167 **Surface:**AC

**L.C.D.** 1/1/1984 **Use:** APRON **Rank:** P **Length:** 450.00 (Ft) **Width:** 60.00 (Ft) **True Area:** 28916.00000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 8/1/2012 | ST-SC | Surface Treatment - Seal Coat | 0.00 | 0.00 | ☐ | EAST SIDE OF NORTH RAMP WAS |
| 1/1/1984 | NU-IN | New Construction - Initial | 0.00 | 0.00 | ☑ | |

**Network:** ORLANDO EXECUT **Branch:** AP N NORTH APRON **Section:** 4168 **Surface:**PCC

**L.C.D.** 1/1/2005 **Use:** APRON **Rank:** P **Length:** 500.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 24538.00000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/2005 | NU-IN | New Construction - Initial | 0.00 | 0.00 | ☑ | (BLDG REMOVED) FOOTING FOU |

**Network:** ORLANDO EXECUT **Branch:** AP N NORTH APRON **Section:** 4169 **Surface:**AC

**L.C.D.** 9/1/2012 **Use:** APRON **Rank:** P **Length:** 400.00 (Ft) **Width:** 200.00 (Ft) **True Area:** 72939.00002 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 9/1/2012 | NU-IN | New Construction - Initial | 0.00 | 0.00 | ☑ | (OLD GRASS AREA) SEPT. 2012 C |

**Network:** ORLANDO EXECUT **Branch:** AP N NORTH APRON **Section:** 4170 **Surface:**AC
**L.C.D.** 1/1/1984 **Use:** APRON **Rank:** P **Length:** 850.00 (Ft) **Width:** 100.00 (Ft) **True Area:** 84878.00002 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 8/1/2012 | ST-SC | Surface Treatment - Seal Coat | 0.00 | 0.00 | ☐ | EAST SIDE OF NORTH RAMP WAS |
| 1/1/1984 | NC-AC | New Construction - AC | 0.00 | 0.00 | ☑ | |

**Network:** ORLANDO EXECUT **Branch:** AP N NORTH APRON **Section:** 4175 **Surface:**AC
**L.C.D.** 1/1/1960 **Use:** APRON **Rank:** P **Length:** 250.00 (Ft) **Width:** 165.00 (Ft) **True Area:** 42594.00001 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 8/1/2012 | ST-SC | Surface Treatment - Seal Coat | 0.00 | 0.00 | ☐ | EAST SIDE OF NORTH RAMP WAS |
| 1/1/1960 | IMPORTED | BUILT | 0.00 | 0.00 | ☑ | EST 1960 BIT |

**Network:** ORLANDO EXECUT **Branch:** AP NE NE APRON **Section:** 4305 **Surface:**AC
**L.C.D.** 1/1/1984 **Use:** APRON **Rank:** P **Length:** 500.00 (Ft) **Width:** 100.00 (Ft) **True Area:** 52643.00001 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1984 | IMPORTED | BUILT | 0.00 | 0.00 | ☑ | EST 1984 BIT |

**Network:** ORLANDO EXECUT **Branch:** AP NE NE APRON **Section:** 4312 **Surface:**AC
**L.C.D.** 12/25/199 **Use:** APRON **Rank:** P **Length:** 450.00 (Ft) **Width:** 20.00 (Ft) **True Area:** 8541.000002 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 12/25/1999 | NU-IN | New Construction - Initial | 0.00 | 0.00 | ☑ | |

**Network:** ORLANDO EXECUT **Branch:** AP NE NE APRON **Section:** 4315 **Surface:**AAC
**L.C.D.** 1/1/2007 **Use:** APRON **Rank:** P **Length:** 600.00 (Ft) **Width:** 40.00 (Ft) **True Area:** 24518.00000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/2007 | ML-OV | MILL and OVERLAY | 0.00 | 0.00 | ☑ | |
| 12/25/1999 | NU-IN | New Construction - Initial | 0.00 | 0.00 | ☑ | |

**Network:** ORLANDO EXECUT **Branch:** AP NE NE APRON **Section:** 4320 **Surface:**AAC
**L.C.D.** 1/1/2007 **Use:** APRON **Rank:** P **Length:** 1,000.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 53040.00001 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/2007 | ML-OL | Mill and Overlay | 0.00 | 0.00 | ☑ | |
| 1/1/1984 | NU-IN | New Construction - Initial | 0.00 | 0.00 | ☑ | |

**Network:** ORLANDO EXECUT **Branch:** AP RU RUN-UP APRON **Section:** 5110 **Surface:**AC
**L.C.D.** 1/1/2001 **Use:** APRON **Rank:** P **Length:** 233.00 (Ft) **Width:** 100.00 (Ft) **True Area:** 25880.00000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/2001 | NU-IN | New Construction - Initial | 0.00 | 4.00 | ☑ | 4" AC/6" P-211/ 6" P-154 |

**Network:** ORLANDO EXECUT **Branch:** AP RU RUN-UP APRON **Section:** 5115 **Surface:**AC

**L.C.D.** 1/1/2001 **Use:** APRON **Rank:** P **Length:** 255.00 (Ft) **Width:** 130.00 (Ft) **True Area:** 36282.00001 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/2001 | NU-IN | New Construction - Initial | 0.00 | 4.00 | ☑ | 4" AC/6" P-211/ 6" P-154 |

**Network:** ORLANDO EXECUT **Branch:** AP RU RUN-UP APRON **Section:** 5120 **Surface:**AC

**L.C.D.** 1/1/2001 **Use:** APRON **Rank:** P **Length:** 420.00 (Ft) **Width:** 100.00 (Ft) **True Area:** 41840.00001 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/2001 | NU-IN | New Construction - Initial | 0.00 | 4.00 | ☑ | 4" AC/6" P-211/ 6" P-154 |

**Network:** ORLANDO EXECUT **Branch:** AP W SEGM SE SEGMENT OF **Section:** 4805 **Surface:**AAC

**L.C.D.** 1/1/2001 **Use:** APRON **Rank:** P **Length:** 535.00 (Ft) **Width:** 245.00 (Ft) **True Area:** 129830.0000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/2015 | ST-SC | Surface Treatment - Seal Coat | 0.00 | 0.00 | ☐ | |
| 1/1/2001 | SR-AC | Surface Reconstruction - AC | 0.00 | 4.00 | ☑ | 4" AC/6" P-211/6" P-154 |
| 1/1/1960 | NU-IN | New Construction - Initial | 0.00 | 0.00 | ☑ | |

**Network:** ORLANDO EXECUT **Branch:** AP W SEGM SE SEGMENT OF **Section:** 4810 **Surface:**AAC

**L.C.D.** 1/1/2012 **Use:** APRON **Rank:** P **Length:** 400.00 (Ft) **Width:** 200.00 (Ft) **True Area:** 79530.00002 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/2012 | ML-OL | Mill and Overlay | 0.00 | 0.00 | ☑ | |
| 1/1/1960 | IMPORTED | BUILT | 0.00 | 0.00 | ☑ | EST 1960 AC OVERLAY OF 194Os PCC |
| 1/1/1960 | IMPORTED | OVERLAY | 0.00 | 0.00 | ☑ | PAVEMENT IS SCHEDULED FOR REHABILITATION |

**Network:** ORLANDO EXECUT **Branch:** AP W WEST APRON **Section:** 4605 **Surface:**AC

**L.C.D.** 1/1/2002 **Use:** APRON **Rank:** P **Length:** 700.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 34600.00001 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/2015 | ST-SC | Surface Treatment - Seal Coat | 0.00 | 0.00 | ☐ | |
| 1/1/2002 | CR-AC | Complete Reconstruction - AC | 0.00 | 4.00 | ☑ | 4" AC/6" P-211/6" P-154 |
| 1/1/1942 | IMPORTED | BUILT | 0.00 | 0.00 | ☑ | ESTIMATE 1942 AC PAVEMENT |
| 1/1/1942 | IMPORTED | OVERLAY | 0.00 | 0.00 | ☑ | NO HISTORY KNOWN FOR THIS SECTION. IT IS PLANNED FOR RE |

**Network:** ORLANDO EXECUT **Branch:** AP W WEST APRON **Section:** 4610 **Surface:**AC

**L.C.D.** 1/1/1999 **Use:** APRON **Rank:** P **Length:** 150.00 (Ft) **Width:** 1700.00 (Ft) **True Area:** 260825.0000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/2015 | ST-SC | Surface Treatment - Seal Coat | 0.00 | 0.00 | ☐ | |
| 1/1/1999 | IMPORTED | BUILT | 0.00 | 0.00 | ☑ | 1999 RECONSTRUCTION OR OVERLAY PLANNED |

**Network:** ORLANDO EXECUT **Branch:** AP W WEST APRON **Section:** 4640 **Surface:**AAC

**L.C.D.** 3/1/2019 **Use:** APRON **Rank:** P **Length:** 450.00 (Ft) **Width:** 350.00 (Ft) **True Area:** 157964.0000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 3/1/2019 | ML-OV | MILL and OVERLAY | 0.00 | 0.00 | ☑ | 2" P-401 HMA OVERLAY ON PREP |
| 1/1/2015 | ST-SC | Surface Treatment - Seal Coat | 0.00 | 0.00 | ☐ | |
| 12/1/1998 | CR-AC | Complete Reconstruction - AC | 0.00 | 4.00 | ☑ | 4" AC/6" P-211/6" P-154 |
| 1/1/1997 | IMPORTED | BUILT | 0.00 | 2.00 | ☑ | 1997 2" P401 AC SURFACE ON 10" P211 BASE ON 6" P154 SUBBASE |

**Network:** ORLANDO EXECUT **Branch:** AP W WEST APRON **Section:** 4645 **Surface:**AC

**L.C.D.** 12/1/2017 **Use:** APRON **Rank:** P **Length:** 375.00 (Ft) **Width:** 65.00 (Ft) **True Area:** 24864.00000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 12/1/2017 | NC-AC | New Construction - AC | | | ☑ | |

**Network:** ORLANDO EXECUT **Branch:** AP W WEST APRON **Section:** 4650 **Surface:**AC

**L.C.D.** 12/1/1998 **Use:** APRON **Rank:** P **Length:** 520.00 (Ft) **Width:** 220.00 (Ft) **True Area:** 115747.0000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/2015 | ST-SC | Surface Treatment - Seal Coat | 0.00 | 0.00 | ☐ | |
| 12/1/1998 | CR-AC | Complete Reconstruction - AC | 0.00 | 4.00 | ☑ | 4" AC/6" P-211/6" P-154 |
| 1/2/1997 | OL-AS | Overlay - AC Structural | 0.00 | 0.00 | ☑ | OLD PCC PAVEMENT |
| 1/1/1997 | NC-PC | New Construction - PCC | 0.00 | 2.00 | ☑ | 1997 2" P401 AC OVERLAY |

**Network:** ORLANDO EXECUT **Branch:** AP W WEST APRON **Section:** 4665 **Surface:**PCC

**L.C.D.** 6/1/2019 **Use:** APRON **Rank:** P **Length:** 150.00 (Ft) **Width:** 60.00 (Ft) **True Area:** 8833.000002 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 6/1/2019 | CR-PC | Complete Reconstruction - PCC | 0.00 | 0.00 | ☑ | |
| 1/1/1997 | NU-IN | New Construction - Initial | 0.00 | 0.00 | ☑ | |

**Network:** ORLANDO EXECUT **Branch:** AP W WEST APRON **Section:** 4670 **Surface:**AC

**L.C.D.** 12/1/1998 **Use:** APRON **Rank:** P **Length:** 110.00 (Ft) **Width:** 100.00 (Ft) **True Area:** 10856.00000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/2015 | ST-SC | Surface Treatment - Seal Coat | 0.00 | 0.00 | ☐ | |
| 12/1/1998 | CR-AC | Complete Reconstruction - AC | 0.00 | 4.00 | ☑ | 4" AC/6" P-211/6" P-154 |
| 1/1/1997 | IMPORTED | BUILT | 0.00 | 2.00 | ☑ | 1997 2" P401 AC SURFACE ON 10" P211 BASE ON 6" P154 SUBBASE |

**Network:** ORLANDO EXECUT **Branch:** AP W WEST APRON **Section:** 4675 **Surface:**PCC

**L.C.D.** 3/1/2019 **Use:** APRON **Rank:** P **Length:** 44.00 (Ft) **Width:** 40.00 (Ft) **True Area:** 1760.000000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 3/1/2019 | CR-PC | Complete Reconstruction - PCC | 0.00 | 0.00 | ☑ | |
| 1/1/2015 | ST-SC | Surface Treatment - Seal Coat | 0.00 | 0.00 | ☐ | |
| 12/1/1998 | SR-AC | Surface Reconstruction - AC | 0.00 | 4.00 | ☑ | 4" AC/6" P-211/6" P-154 |
| 1/1/1997 | IMPORTED | BUILT | 0.00 | 2.00 | ☑ | 1997 2" P401 AC SURFACE ON 10" P211 BASE ON 6" P154 SUBBASE |

**Network:** ORLANDO EXECUT **Branch:** RW 13-31 RUNWAY 13-31 **Section:** 6205 **Surface:**AC

**L.C.D.** 1/1/1999 **Use:** RUNWAY **Rank:** P **Length:** 4,500.00 (Ft) **Width:** 100.00 (Ft) **True Area:** 445836.0001 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1999 | NC-AC | New Construction - AC | 0.00 | 0.00 | ☑ | 1999 RESURFACING PLANNED |

**Network:** ORLANDO EXECUT **Branch:** RW 7-25 RUNWAY 7-25 **Section:** 6105 **Surface:**AAC

**L.C.D.** 1/2/2001 **Use:** RUNWAY **Rank:** T **Length:** 6,005.00 (Ft) **Width:** 100.00 (Ft) **True Area:** 600500.0001 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/2/2001 | OL-AS | Overlay - AC Structural | 0.00 | 0.00 | ☑ | 1.5 - 3" |
| 1/1/2001 | MI-CO | Cold Milling | 0.00 | 0.00 | ☐ | 3" MAX |
| 1/1/1977 | IMPORTED | BUILT | 0.00 | 2.00 | ☑ | UNKNOWN DATE 2" P401 AC SURFACE ON 8" P211 BASE |

**Network:** ORLANDO EXECUT **Branch:** RW 7-25 RUNWAY 7-25 **Section:** 6110 **Surface:**AAC

**L.C.D.** 1/2/2001 **Use:** RUNWAY **Rank:** P **Length:** 12,010.00 (Ft) **Width:** 25.00 (Ft) **True Area:** 300250.0000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/2/2001 | OL-AS | Overlay - AC Structural | 0.00 | 0.00 | ☑ | 1.5-3" |
| 1/1/2001 | MI-CO | Cold Milling | 0.00 | 0.00 | ☐ | 3" MAX |
| 1/1/1977 | IMPORTED | BUILT | 0.00 | 3.00 | ☑ | 1977 1.5-3" P-401 O ON 2" P-401 8" P-211 |

**Network:** ORLANDO EXECUT **Branch:** TW A TAXIWAY A **Section:** 104 **Surface:**AC

**L.C.D.** 1/1/2001 **Use:** TAXIWAY **Rank:** P **Length:** 195.00 (Ft) **Width:** 65.00 (Ft) **True Area:** 11949.00000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/2001 | NU-IN | New Construction - Initial | 0.00 | 4.00 | ☑ | 4" AC/6" P-211/6" P-154 |

**Network:** ORLANDO EXECUT **Branch:** TW A1 TAXIWAY A1 **Section:** 111 **Surface:**AAC

**L.C.D.** 1/1/1997 **Use:** TAXIWAY **Rank:** P **Length:** 200.00 (Ft) **Width:** 125.00 (Ft) **True Area:** 15537.00000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1997 | OL-AS | Overlay - AC Structural | 0.00 | 2.00 | ☑ | 1997 2" P401 AC OVERLAY |
| 1/1/1960 | NU-IN | New Construction - Initial | 0.00 | 3.00 | ☑ | 1960: 3" P401 AC SURFACE ON 10- |

**Network:** ORLANDO EXECUT **Branch:** TW A1 TAXIWAY A1 **Section:** 112 **Surface:**AAC

**L.C.D.** 1/1/1997 **Use:** TAXIWAY **Rank:** P **Length:** 190.00 (Ft) **Width:** 75.00 (Ft) **True Area:** 14428.00000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1997 | OL-AS | Overlay - AC Structural | 0.00 | 2.00 | ☑ | 1997 2" P401 AC OVERLAY |
| 1/1/1960 | NU-IN | New Construction - Initial | 0.00 | 3.00 | ☑ | 1960: 3" P401 AC SURFACE ON 10- |

**Network:** ORLANDO EXECUT **Branch:** TW A TAXIWAY A **Section:** 114 **Surface:**AC

**L.C.D.** 1/1/1999 **Use:** TAXIWAY **Rank:** P **Length:** 200.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 12579.00000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1999 | IMPORTED | BUILT | 0.00 | 0.00 | ☑ | 1999 RESURFACING OR RECONSTRUCTION PLANNED |

**Network:** ORLANDO EXECUT **Branch:** TW A TAXIWAY A **Section:** 115 **Surface:**AC

**L.C.D.** 1/1/1984 **Use:** TAXIWAY **Rank:** P **Length:** 870.00 (Ft) **Width:** 38.00 (Ft) **True Area:** 31644.00000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1984 | IMPORTED | BUILT | 0.00 | 4.00 | ☑ | 1984 4" P-401 8" P-211 |

**Network:** ORLANDO EXECUT **Branch:** TW A TAXIWAY A **Section:** 116 **Surface:**AC

**L.C.D.** 1/1/1984 **Use:** TAXIWAY **Rank:** P **Length:** 60.00 (Ft) **Width:** 150.00 (Ft) **True Area:** 11579.00000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1984 | IMPORTED | BUILT | 0.00 | 4.00 | ☑ | 1984 4" P-401 8" P-211 |

**Network:** ORLANDO EXECUT **Branch:** TW A TAXIWAY A **Section:** 117 **Surface:**AC

**L.C.D.** 1/1/1984 **Use:** TAXIWAY **Rank:** P **Length:** 390.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 22912.00000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1984 | IMPORTED | BUILT | 0.00 | 4.00 | ☑ | 1984 4" P-401 8" P-211 |

**Network:** ORLANDO EXECUT **Branch:** TW A TAXIWAY A **Section:** 118 **Surface:**AAC

**L.C.D.** 10/1/2015 **Use:** TAXIWAY **Rank:** P **Length:** 208.00 (Ft) **Width:** 47.00 (Ft) **True Area:** 12843.00000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 10/1/2015 | ML-OV | MILL and OVERLAY | 0.00 | 0.00 | ☑ | Mill 2" Overlay 2.5" P-401SP |
| 1/1/1984 | IMPORTED | BUILT | 0.00 | 4.00 | ☑ | 1984 4" P-401 8" P-211 |

**Network:** ORLANDO EXECUT **Branch:** TW A TAXIWAY A **Section:** 119 **Surface:**AAC

**L.C.D.** 10/1/2015 **Use:** TAXIWAY **Rank:** P **Length:** 104.00 (Ft) **Width:** 78.00 (Ft) **True Area:** 8568.000002 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 10/1/2015 | ML-OV | MILL and OVERLAY | 0.00 | 0.00 | ☑ | 2" Mill and 2.5" P-401SP Overlay |
| 1/1/1984 | IMPORTED | BUILT | 0.00 | 4.00 | ☑ | 1984 4" P-401 8" P-211 |

**Network:** ORLANDO EXECUT **Branch:** TW A TAXIWAY A **Section:** 125 **Surface:**AAC

**L.C.D.** 1/1/1997 **Use:** TAXIWAY **Rank:** P **Length:** 3,400.00 (Ft) **Width:** 75.00 (Ft) **True Area:** 257040.0000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1997 | OL-AS | Overlay - AC Structural | 0.00 | 2.00 | ☑ | 1997 2" P401 AC OVERLAY |
| 1/1/1960 | NU-IN | New Construction - Initial | 0.00 | 3.00 | ☑ | 1960: 3" P401 AC SURFACE ON 10- |

**Network:** ORLANDO EXECUT **Branch:** TW A TAXIWAY A **Section:** 150 **Surface:**AC

**L.C.D.** 1/1/1963 **Use:** TAXIWAY **Rank:** P **Length:** 1,000.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 60358.00001 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 4/1/2007 | ST-SS | Surface Treatment - Slurry Seal | 0.00 | 0.00 | ☐ | |
| 1/1/1963 | IMPORTED | BUILT | 0.00 | 2.00 | ☑ | 1963 2" P-401 8" P-211 |

**Network:** ORLANDO EXECUT **Branch:** TW A2 TAXIWAY A2 **Section:** 120 **Surface:**AAC

**L.C.D.** 1/1/1997 **Use:** TAXIWAY **Rank:** P **Length:** 387.00 (Ft) **Width:** 75.00 (Ft) **True Area:** 30935.00000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1997 | IMPORTED | OVERLAY | 0.00 | 2.00 | ☑ | 1997 2" P401 AC OVERLAY |
| 1/1/1960 | IMPORTED | BUILT | 0.00 | 3.00 | ☑ | 1960 3" P401 AC SURFACE ON 10-18" P211 BASE |

**Network:** ORLANDO EXECUT **Branch:** TW A3 TAXIWAY A3 **Section:** 130 **Surface:**AAC

**L.C.D.** 1/1/1997 **Use:** TAXIWAY **Rank:** P **Length:** 600.00 (Ft) **Width:** 75.00 (Ft) **True Area:** 56163.00001 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1997 | IMPORTED | OVERLAY | 0.00 | 2.00 | ☑ | 1997 2" P401 AC OVERLAY |
| 1/1/1960 | IMPORTED | BUILT | 0.00 | 3.00 | ☑ | 1960 3" P401 AC PAVEMENT ON 10-18" P211 BASE |

**Network:** ORLANDO EXECUT **Branch:** TW A4 TAXIWAY A4 **Section:** 140 **Surface:**AC

**L.C.D.** 1/1/1999 **Use:** TAXIWAY **Rank:** P **Length:** 397.00 (Ft) **Width:** 30.00 (Ft) **True Area:** 15668.00000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1999 | NU-IN | New Construction - Initial | 0.00 | 4.00 | ☑ | 4" AC/8" P-211/6" P-154 |

**Network:** ORLANDO EXECUT **Branch:** TW A5 TAXIWAY A5 **Section:** 405 **Surface:**AAC

**L.C.D.** 1/1/1997 **Use:** TAXIWAY **Rank:** P **Length:** 400.00 (Ft) **Width:** 75.00 (Ft) **True Area:** 37049.00001 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1997 | IMPORTED | BUILT | 0.00 | 0.00 | ☑ | 1997 AC OVERLAY |
| 1/1/1960 | IMPORTED | OVERLAY | 0.00 | 0.00 | ☑ | EST 1960 AC PAVEMENT SECTION UNKNOWN |

**Network:** ORLANDO EXECUT **Branch:** TW A5 TAXIWAY A5 **Section:** 425 **Surface:**AAC

**L.C.D.** 1/1/1997 **Use:** TAXIWAY **Rank:** P **Length:** 95.00 (Ft) **Width:** 100.00 (Ft) **True Area:** 9443.000002 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1997 | IMPORTED | OVERLAY | 0.00 | 0.00 | ☑ | 1997 TAPERED AC OVERLAY |
| 1/1/1984 | IMPORTED | BUILT | 0.00 | 4.00 | ☑ | 1984 4" P401 AC SURFACE ON 6" P211 BASE ON 16" P152 SUBBASE |

**Network:** ORLANDO EXECUT **Branch:** TW A6 TAXIWAY A6 **Section:** 113 **Surface:**AC

**L.C.D.** 1/1/2001 **Use:** TAXIWAY **Rank:** P **Length:** 640.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 26953.00000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/2001 | NU-IN | New Construction - Initial | 0.00 | 4.00 | ☑ | 4" AC/6" P-211/6" P-154 |

**Network:** ORLANDO EXECUT **Branch:** TW B TAXIWAY B **Section:** 102 **Surface:**AC

**L.C.D.** 1/1/1991 **Use:** TAXIWAY **Rank:** P **Length:** 145.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 6388.000001 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/2003 | ST-SC | Surface Treatment - Seal Coat | 0.00 | 0.00 | ☐ | |
| 1/1/1991 | IMPORTED | BUILT | 0.00 | 4.00 | ☑ | 1991 4" P401 AC SURFACE ON 6" P211 BASE ON 6" P154 SUBBASE |

**Network:** ORLANDO EXECUT **Branch:** TW B TAXIWAY B **Section:** 103 **Surface:**AAC

**L.C.D.** 1/1/1999 **Use:** TAXIWAY **Rank:** P **Length:** 760.00 (Ft) **Width:** 75.00 (Ft) **True Area:** 57000.00001 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1999 | IMPORTED | OVERLAY | 0.00 | 0.00 | ☑ | 1999 RESURFACING OR RECONSTRUCTION PLANNED |
| 1/1/1991 | IMPORTED | BUILT | 0.00 | 4.00 | ☑ | 1991 4" P401 AC SURFACE ON 6" P211 BASE ON 6" P154 SUBBASE |

**Network:** ORLANDO EXECUT **Branch:** TW B TAXIWAY B **Section:** 105 **Surface:**AAC

**L.C.D.** 12/25/201 **Use:** TAXIWAY **Rank:** P **Length:** 435.00 (Ft) **Width:** 75.00 (Ft) **True Area:** 30470.00000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 12/25/2015 | ML-OV | MILL and OVERLAY | 0.00 | 0.00 | ☑ | 2" MILL and VAR. DEPTH P-401SP |
| 1/1/1997 | IMPORTED | OVERLAY | 0.00 | 2.00 | ☑ | 1997 2" P401 AC OVERLAY |
| 1/1/1960 | IMPORTED | BUILT | 0.00 | 3.00 | ☑ | 1960 3" P401 AC SURFACE ON 10-18" P211 BASE |

**Network:** ORLANDO EXECUT **Branch:** TW E1 TAXIWAY E1 **Section:** 501 **Surface:**AC

**L.C.D.** 1/1/1977 **Use:** TAXIWAY **Rank:** T **Length:** 40.00 (Ft) **Width:** 125.00 (Ft) **True Area:** 5073.000001 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1977 | IMPORTED | BUILT | 0.00 | 0.00 | ☑ | EST 1977 AC PAVEMENT |

**Network:** ORLANDO EXECUT **Branch:** TW E2 TAXIWAY E2 **Section:** 510 **Surface:**AC

**L.C.D.** 1/1/1983 **Use:** TAXIWAY **Rank:** P **Length:** 140.00 (Ft) **Width:** 40.00 (Ft) **True Area:** 9644.000002 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1983 | IMPORTED | BUILT | 0.00 | 2.00 | ☑ | 1983 2" P-401 7" P-211 |

**Network:** ORLANDO EXECUT **Branch:** TW E2 TAXIWAY E2 **Section:** 512 **Surface:**AC

**L.C.D.** 1/1/1983 **Use:** TAXIWAY **Rank:** P **Length:** 75.00 (Ft) **Width:** 40.00 (Ft) **True Area:** 2687.000000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1983 | NU-IN | New Construction - Initial | 0.00 | 0.00 | ☑ | |

**Network:** ORLANDO EXECUT **Branch:** TW E3 TAXIWAY E3 **Section:** 417 **Surface:**AC

**L.C.D.** 1/1/1977 **Use:** TAXIWAY **Rank:** P **Length:** 42.00 (Ft) **Width:** 200.00 (Ft) **True Area:** 8311.000002 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1977 | IMPORTED | BUILT | 0.00 | 0.00 | ☑ | EST 1977 AC PAVEMENT |

**Network:** ORLANDO EXECUT **Branch:** TW E3 TAXIWAY E3 **Section:** 420 **Surface:**AC

**L.C.D.** 1/1/1984 **Use:** TAXIWAY **Rank:** P **Length:** 40.00 (Ft) **Width:** 900.00 (Ft) **True Area:** 36384.00001 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1984 | IMPORTED | BUILT | 0.00 | 2.00 | ☑ | 1984 2" P-401 6" P-211 |

**Network:** ORLANDO EXECUT **Branch:** TW E3 TAXIWAY E3 **Section:** 520 **Surface:**AC

**L.C.D.** 1/1/1983 **Use:** TAXIWAY **Rank:** P **Length:** 225.00 (Ft) **Width:** 40.00 (Ft) **True Area:** 9009.000002 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1983 | IMPORTED | BUILT | 0.00 | 2.00 | ☑ | 1983 2" P-401 7" P-211 |

**Network:** ORLANDO EXECUT **Branch:** TW E3 TAXIWAY E3 **Section:** 522 **Surface:**AC

**L.C.D.** 1/1/1983 **Use:** TAXIWAY **Rank:** P **Length:** 67.00 (Ft) **Width:** 32.00 (Ft) **True Area:** 2133.000000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1983 | NU-IN | New Construction - Initial | 0.00 | 0.00 | ☑ | |

**Network:** ORLANDO EXECUT **Branch:** TW E4 TAXIWAY E4 **Section:** 1070 **Surface:**AAC

**L.C.D.** 1/1/1977 **Use:** TAXIWAY **Rank:** P **Length:** 1,072.00 (Ft) **Width:** 75.00 (Ft) **True Area:** 130837.0000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1977 | IMPORTED | BUILT | 0.00 | 4.00 | ☑ | 1977 4" P401 AC OVERLAY |
| 1/1/1977 | IMPORTED | OVERLAY | 0.00 | 2.00 | ☑ | UNKNOWN DATE 2" P401 AC ON 6" P211 BASE |

**Network:** ORLANDO EXECUT **Branch:** TW E4 TAXIWAY E4 **Section:** 1080 **Surface:**AAC

**L.C.D.** 1/1/1977 **Use:** TAXIWAY **Rank:** P **Length:** 80.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 8393.000002 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1977 | IMPORTED | BUILT | 0.00 | 4.00 | ☑ | 1977 4" P401 AC OVERLAY |
| 1/1/1977 | IMPORTED | OVERLAY | 0.00 | 6.00 | ☑ | UNKNOWN DATE 2' P401 SURFACE ON 6" P211 BASE |

**Network:** ORLANDO EXECUT **Branch:** TW E4 TAXIWAY E4 **Section:** 1105 **Surface:**AC

**L.C.D.** 1/1/1991 **Use:** TAXIWAY **Rank:** T **Length:** 175.00 (Ft) **Width:** 38.00 (Ft) **True Area:** 6580.000002 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1991 | IMPORTED | BUILT | 0.00 | 4.00 | ☑ | 1991 4" P-401 6" P-211 6" BASE |

**Network:** ORLANDO EXECUT **Branch:** TW E4 TAXIWAY E4 **Section:** 1110 **Surface:**AAC

**L.C.D.** 12/25/201 **Use:** TAXIWAY **Rank:** T **Length:** 70.00 (Ft) **Width:** 75.00 (Ft) **True Area:** 20682.00000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 12/25/2015 | ML-OV | MILL and OVERLAY | 0.00 | 0.00 | ☑ | 2015: 2" MILL AND OVERLAY |
| 1/1/1991 | IMPORTED | BUILT | 0.00 | 4.00 | ☑ | 1991 4" P-401 6" P-211 6" BASE |

**Network:** ORLANDO EXECUT **Branch:** TW E TAXIWAY E **Section:** 505 **Surface:**AC

**L.C.D.** 1/1/1983 **Use:** TAXIWAY **Rank:** P **Length:** 1,822.00 (Ft) **Width:** 40.00 (Ft) **True Area:** 78110.00002 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1983 | IMPORTED | BUILT | 0.00 | 2.00 | ☑ | 1983 2" P-401 7" P-211 |

**Network:** ORLANDO EXECUT **Branch:** TW E TAXIWAY E **Section:** 530 **Surface:**AAC

**L.C.D.** 12/25/201 **Use:** TAXIWAY **Rank:** P **Length:** 680.00 (Ft) **Width:** 40.00 (Ft) **True Area:** 46191.00001 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 12/25/2015 | ML-OV | MILL and OVERLAY | 0.00 | 0.00 | ☑ | 2015: 2" MILL AND OVERLAY |
| 1/1/1983 | IMPORTED | BUILT | 0.00 | 2.00 | ☑ | 1983 2" P-401 7" P-211 |

**Network:** ORLANDO EXECUT **Branch:** TW E TAXIWAY E **Section:** 540 **Surface:**AAC

**L.C.D.** 12/25/201 **Use:** TAXIWAY **Rank:** P **Length:** 350.00 (Ft) **Width:** 40.00 (Ft) **True Area:** 21326.00000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 12/25/2015 | ML-OV | MILL and OVERLAY | 0.00 | 0.00 | ☑ | 2015: 2" MILL AND OVERLAY |
| 1/1/1991 | IMPORTED | BUILT | 0.00 | 4.00 | ☑ | 1991 4" P-401 6" P-211 6" SUBGRADE |

**Network:** ORLANDO EXECUT **Branch:** TW E TAXIWAY E **Section:** 545 **Surface:**AAC

**L.C.D.** 12/25/201 **Use:** TAXIWAY **Rank:** P **Length:** 180.00 (Ft) **Width:** 45.00 (Ft) **True Area:** 9618.000002 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 12/25/2015 | ML-OV | MILL and OVERLAY | 0.00 | 0.00 | ☑ | 2015: 2" MILL AND OVERLAY |
| 1/1/1984 | IMPORTED | REPAIR | 0.00 | 0.00 | ☐ | 1984 TRIPLE COAT P625 SURFACE TREATMENT |
| 1/1/1978 | IMPORTED | BUILT | 0.00 | 3.00 | ☑ | 1978 3" P401 AC SURFACE ON 8" P211 BASE |

**Network:** ORLANDO EXECUT **Branch:** TW E TAXIWAY E **Section:** 550 **Surface:**AAC

**L.C.D.** 12/25/201 **Use:** TAXIWAY **Rank:** P **Length:** 1,336.00 (Ft) **Width:** 40.00 (Ft) **True Area:** 52982.00001 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 12/25/2015 | ML-OV | MILL and OVERLAY | 0.00 | 0.00 | ☑ | 2015: 2" MILL AND OVERLAY |
| 1/1/1984 | IMPORTED | REPAIR | 0.00 | 0.00 | ☐ | 1984 SLURRY SEAL |
| 1/1/1979 | IMPORTED | BUILT | 0.00 | 2.00 | ☑ | 1979 2" P-401 8" P-211 |

**Network:** ORLANDO EXECUT **Branch:** TW E5 TAXIWAY E5 **Section:** 560 **Surface:**AC

**L.C.D.** 1/1/1991 **Use:** TAXIWAY **Rank:** P **Length:** 115.00 (Ft) **Width:** 40.00 (Ft) **True Area:** 5540.000001 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1991 | IMPORTED | BUILT | 0.00 | 4.00 | ☑ | 1991 4" P-401 6" P-211 6" SUBGRADE |

**Network:** ORLANDO EXECUT **Branch:** TW E5 TAXIWAY E5 **Section:** 565 **Surface:**AAC

**L.C.D.** 10/1/2015 **Use:** TAXIWAY **Rank:** P **Length:** 140.00 (Ft) **Width:** 40.00 (Ft) **True Area:** 9465.000002 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 10/1/2015 | ML-OV | MILL and OVERLAY | 0.00 | 0.00 | ☑ | 2" Mill and 2.5" P-401SP Overlay |
| 1/1/1991 | IMPORTED | BUILT | 0.00 | 4.00 | ☑ | 1991 4" P-401 6" P-211 6" SUBGRADE |

**Network:** ORLANDO EXECUT **Branch:** TW E6 TAXIWAY E6 **Section:** 805 **Surface:**AC

**L.C.D.** 1/1/1984 **Use:** TAXIWAY **Rank:** P **Length:** 185.00 (Ft) **Width:** 40.00 (Ft) **True Area:** 17742.00000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/2017 | CS-AC | Crack Sealing - AC | 0.00 | 0.00 | ☐ | |
| 1/1/1984 | IMPORTED | BUILT | 0.00 | 6.00 | ☑ | 1984 4' P-401 6" P-211 |

**Network:** ORLANDO EXECUT **Branch:** TW E6 TAXIWAY E6 **Section:** 820 **Surface:**AC

**L.C.D.** 12/25/201 **Use:** TAXIWAY **Rank:** P **Length:** 145.00 (Ft) **Width:** 70.00 (Ft) **True Area:** 11139.00000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 12/25/2015 | CR-AC | Complete Reconstruction - AC | 0.00 | 0.00 | ☑ | 4" P-401, 10" P-219 CRUSHED CON |
| 1/1/1999 | IMPORTED | BUILT | 0.00 | 0.00 | ☑ | RECONSTRUCTION PLANNED IN 1999 SECTION UNKNOWN |

**Network:** ORLANDO EXECUT **Branch:** TW F TAXIWAY F **Section:** 605 **Surface:**AC

**L.C.D.** 1/1/1984 **Use:** TAXIWAY **Rank:** P **Length:** 1,300.00 (Ft) **Width:** 40.00 (Ft) **True Area:** 54815.00001 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1984 | IMPORTED | BUILT | 0.00 | 4.00 | ☑ | 1984 4" P-401 6" P-211 |

**Network:** ORLANDO EXECUT **Branch:** TW G TAXIWAY G **Section:** 705 **Surface:**AC

**L.C.D.** 1/1/1984 **Use:** TAXIWAY **Rank:** P **Length:** 660.00 (Ft) **Width:** 40.00 (Ft) **True Area:** 30099.00000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1984 | IMPORTED | BUILT | 0.00 | 4.00 | ☑ | 1984 4" P-401 6" P-211 |

**Network:** ORLANDO EXECUT **Branch:** TW G TAXIWAY G **Section:** 710 **Surface:**AC

**L.C.D.** 1/1/1988 **Use:** TAXIWAY **Rank:** P **Length:** 215.00 (Ft) **Width:** 40.00 (Ft) **True Area:** 9812.000002 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1988 | IMPORTED | BUILT | 0.00 | 0.00 | ☑ | EST 1988 BIT |

**Network:** ORLANDO EXECUT **Branch:** TW H TAXIWAY H **Section:** 806 **Surface:**AC

**L.C.D.** 1/1/1983 **Use:** TAXIWAY **Rank:** P **Length:** 1,560.00 (Ft) **Width:** 40.00 (Ft) **True Area:** 62452.00001 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/2015 | ST-SC | Surface Treatment - Seal Coat | 0.00 | 0.00 | ☐ | |
| 1/1/1983 | IMPORTED | BUILT | 0.00 | 0.00 | ☑ | EST 1983 AC PAVEMENT |

**Network:** ORLANDO EXECUT **Branch:** TW K TAXIWAY K **Section:** 610 **Surface:**AC

**L.C.D.** 1/1/1999 **Use:** TAXIWAY **Rank:** P **Length:** 500.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 27266.00000 (SqFt

| Work Date | Work Code | Work Description | Cost | Thickness (in) | Major M&R | Comments |
|---|---|---|---|---|---|---|
| 1/1/1999 | NU-IN | New Construction - Initial | 0.00 | 4.00 | ☑ | 4" AC/ 8" P-211/ 6" P-154 |

**Summary:**

| Work Description | Section Count | Area Total (SqFt) | Thickness Avg (in) | Thickness STD (in) |
|---|---|---|---|---|
| BUILT | 54 | 4,271,266.00 | 2.32 | 1.64 |
| Cold Milling | 2 | 900,750.00 | 0.00 | 0.00 |
| Complete Reconstruction - AC | 6 | 352,941.00 | 2.67 | 1.89 |
| Complete Reconstruction - PCC | 2 | 10,593.00 | 0.00 | 0.00 |
| Crack Sealing - AC | 1 | 17,742.00 | 0.00 | 0.00 |
| MILL and OVERLAY | 14 | 652,781.00 | 0.00 | 0.00 |
| New Construction - AC | 3 | 555,578.00 | 0.00 | 0.00 |
| New Construction - Initial | 22 | 978,016.00 | 1.68 | 1.87 |
| New Construction - PCC | 1 | 115,747.00 | 2.00 | 0.00 |
| OVERLAY | 10 | 474,420.00 | 1.40 | 1.80 |
| Overlay - AC Structural | 6 | 1,303,502.00 | 1.00 | 1.00 |
| REPAIR | 6 | 764,355.00 | 0.00 | 0.00 |
| Surface Reconstruction - AC | 2 | 131,590.00 | 4.00 | 0.00 |
| Surface Treatment - Seal Coat | 17 | 1,787,359.00 | 0.00 | 0.00 |
| Surface Treatment - Slurry Seal | 3 | 692,586.00 | 0.00 | 0.00 |

# Branch Condition Report

*Pavement Database: FDOT*

| Branch ID | Number of Sections | Sum Section Length (Ft) | Avg Section Width (Ft) | True Area (SqFt) | Use | Average PCI | Standard Deviation PCI | Weighted Average PCI |
|---|---|---|---|---|---|---|---|---|
| AP GA | 2 | 2,804.00 | 207.00 | 632,228.00 | APRON | 55.00 | 6.00 | 49.45 |
| AP N | 13 | 10,325.00 | 173.85 | 1,468,444.00 | APRON | 35.54 | 32.39 | 32.04 |
| AP NE | 4 | 2,550.00 | 52.50 | 138,742.00 | APRON | 59.00 | 22.05 | 55.40 |
| AP RU | 3 | 908.00 | 110.00 | 104,002.00 | APRON | 74.67 | 0.47 | 74.65 |
| AP W | 8 | 2,499.00 | 323.12 | 615,449.00 | APRON | 77.13 | 23.45 | 64.52 |
| AP W SEG | 2 | 935.00 | 222.50 | 209,360.00 | APRON | 72.00 | 5.00 | 70.80 |
| RW 13-31 | 1 | 4,500.00 | 100.00 | 445,836.00 | RUNWAY | 66.00 | 0.00 | 66.00 |
| RW 7-25 | 2 | 18,015.00 | 62.50 | 900,750.00 | RUNWAY | 63.50 | 0.50 | 63.33 |
| TW A | 9 | 6,427.00 | 65.33 | 429,472.00 | TAXIWAY | 70.22 | 12.93 | 65.95 |
| TW A1 | 2 | 390.00 | 100.00 | 29,965.00 | TAXIWAY | 67.00 | 10.00 | 67.37 |
| TW A2 | 1 | 387.00 | 75.00 | 30,935.00 | TAXIWAY | 65.00 | 0.00 | 65.00 |
| TW A3 | 1 | 600.00 | 75.00 | 56,163.00 | TAXIWAY | 67.00 | 0.00 | 67.00 |
| TW A4 | 1 | 397.00 | 30.00 | 15,668.00 | TAXIWAY | 63.00 | 0.00 | 63.00 |
| TW A5 | 2 | 495.00 | 87.50 | 46,492.00 | TAXIWAY | 68.00 | 3.00 | 66.22 |
| TW A6 | 1 | 640.00 | 35.00 | 26,953.00 | TAXIWAY | 72.00 | 0.00 | 72.00 |
| TW B | 3 | 1,340.00 | 66.67 | 93,858.00 | TAXIWAY | 63.33 | 16.98 | 64.91 |
| TW E | 5 | 4,368.00 | 41.00 | 208,227.00 | TAXIWAY | 86.20 | 10.80 | 81.86 |
| TW E1 | 1 | 40.00 | 125.00 | 5,073.00 | TAXIWAY | 50.00 | 0.00 | 50.00 |
| TW E2 | 2 | 215.00 | 40.00 | 12,331.00 | TAXIWAY | 53.50 | 7.50 | 49.27 |
| TW E3 | 4 | 374.00 | 293.00 | 55,837.00 | TAXIWAY | 43.25 | 8.35 | 46.15 |
| TW E4 | 4 | 1,397.00 | 59.50 | 166,492.00 | TAXIWAY | 67.50 | 16.93 | 56.56 |
| TW E5 | 2 | 255.00 | 40.00 | 15,005.00 | TAXIWAY | 79.50 | 14.50 | 83.29 |
| TW E6 | 2 | 330.00 | 55.00 | 28,881.00 | TAXIWAY | 80.50 | 13.50 | 77.41 |
| TW F | 1 | 1,300.00 | 40.00 | 54,815.00 | TAXIWAY | 45.00 | 0.00 | 45.00 |
| TW G | 2 | 875.00 | 40.00 | 39,911.00 | TAXIWAY | 54.50 | 0.50 | 54.25 |
| TW H | 1 | 1,560.00 | 40.00 | 62,452.00 | TAXIWAY | 52.00 | 0.00 | 52.00 |
| TW K | 1 | 500.00 | 50.00 | 27,266.00 | TAXIWAY | 70.00 | 0.00 | 70.00 |

*Pavement Database: FDOT*

| Use Category | Number of Sections | Total Area (SqFt) | Arithmetic Average PCI | Average STD PCI | Weighted Average PCI |
|---|---|---|---|---|---|
| APRON | 32 | 3,168,225.00 | 56.03 | 30.98 | 46.81 |
| RUNWAY | 3 | 1,346,586.00 | 64.33 | 1.25 | 64.22 |
| TAXIWAY | 45 | 1,405,796.00 | 66.36 | 16.41 | 65.01 |
| ALL | 80 | 5,920,607.00 | 62.15 | 23.67 | 55.09 |

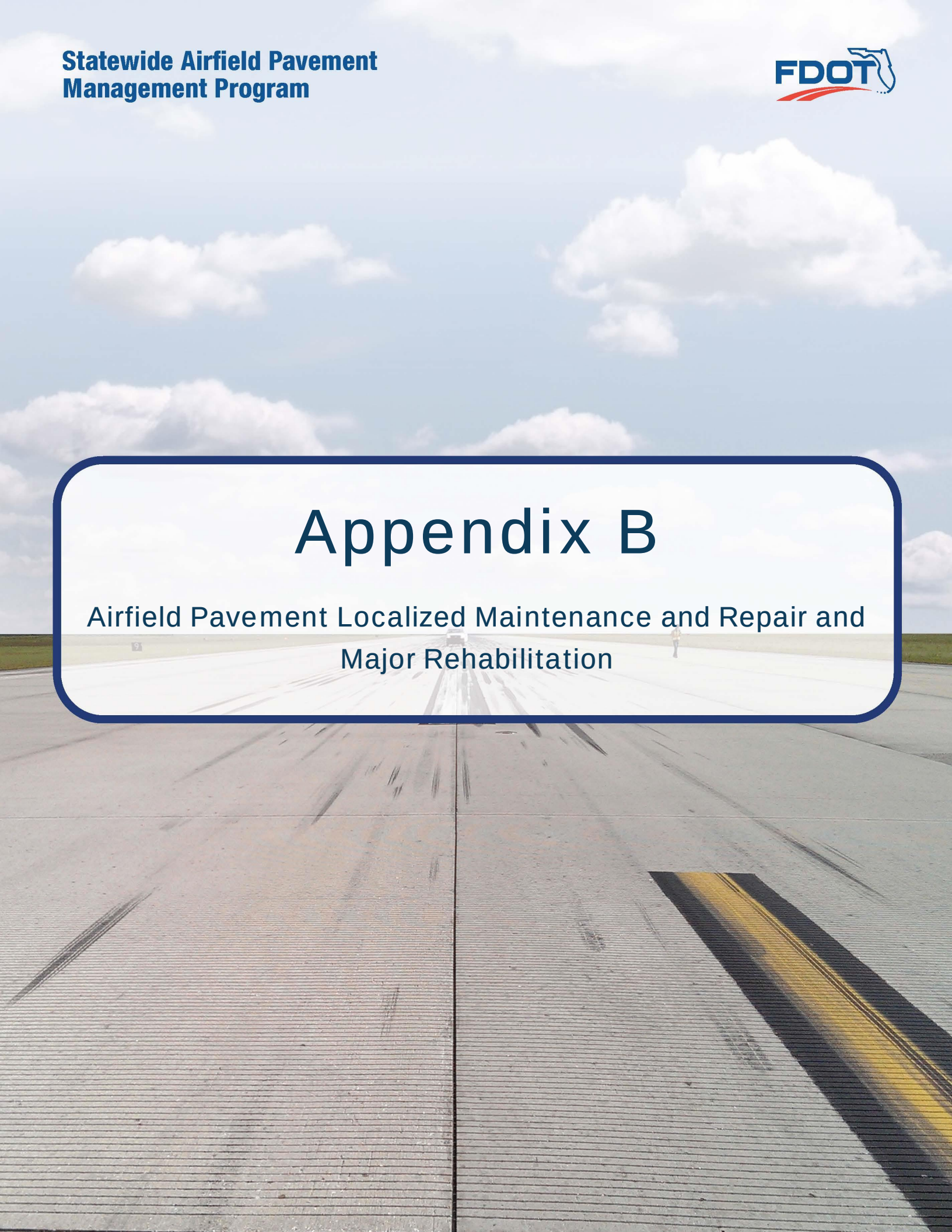
*Pavement Database: FDOT* *NetworkId: ORL*

| Branch ID | Section ID | Last Const. Date | Surface | Use | Rank | Lanes | True Area (SqFt) | Last Inspection Date | Age At Inspection | PCI |
|---|---|---|---|---|---|---|---|---|---|---|
| AP GA | 4205 | 1/1/1984 | AC | APRON | P | 0 | 608,614.00 | 3/4/2019 | 35 | 49 |
| AP GA | 4230 | 12/25/1999 | AC | APRON | P | 0 | 23,614.00 | 3/4/2019 | 20 | 61 |
| AP N | 4105 | 1/1/1979 | AC | APRON | T | 0 | 200,966.00 | 3/4/2019 | 40 | 6 |
| AP N | 4125 | 1/1/1978 | AC | APRON | P | 0 | 140,429.00 | 3/4/2019 | 41 | 5 |
| AP N | 4140 | 1/1/1979 | AC | APRON | P | 0 | 237,860.00 | 3/4/2019 | 40 | 25 |
| AP N | 4145 | 1/1/1968 | AC | APRON | P | 0 | 122,500.00 | 3/4/2019 | 51 | 34 |
| AP N | 4155 | 1/1/1984 | AC | APRON | P | 0 | 337,449.00 | 3/4/2019 | 35 | 49 |
| AP N | 4158 | 1/1/2002 | AAC | APRON | P | 0 | 125,584.00 | 3/4/2019 | 17 | 6 |
| AP N | 4165 | 1/1/1984 | AC | APRON | P | 0 | 27,156.00 | 3/4/2019 | 35 | 7 |
| AP N | 4166 | 9/1/2012 | AC | APRON | P | 0 | 22,635.00 | 3/4/2019 | 7 | 89 |
| AP N | 4167 | 1/1/1984 | AC | APRON | P | 0 | 28,916.00 | 3/4/2019 | 35 | 12 |
| AP N | 4168 | 1/1/2005 | PCC | APRON | P | 0 | 24,538.00 | 3/4/2019 | 14 | 0 |
| AP N | 4169 | 9/1/2012 | AC | APRON | P | 0 | 72,939.00 | 3/4/2019 | 7 | 86 |
| AP N | 4170 | 1/1/1984 | AC | APRON | P | 0 | 84,878.00 | 3/4/2019 | 35 | 67 |
| AP N | 4175 | 1/1/1960 | AC | APRON | P | 0 | 42,594.00 | 3/4/2019 | 59 | 76 |
| AP NE | 4305 | 1/1/1984 | AC | APRON | P | 0 | 52,643.00 | 3/4/2019 | 35 | 23 |
| AP NE | 4312 | 12/25/1999 | AC | APRON | P | 0 | 8,541.00 | 3/4/2019 | 20 | 59 |
| AP NE | 4315 | 1/1/2007 | AAC | APRON | P | 0 | 24,518.00 | 3/4/2019 | 12 | 77 |
| AP NE | 4320 | 1/1/2007 | AAC | APRON | P | 0 | 53,040.00 | 3/4/2019 | 12 | 77 |
| AP RU | 5110 | 1/1/2001 | AC | APRON | P | 0 | 25,880.00 | 3/4/2019 | 18 | 75 |
| AP RU | 5115 | 1/1/2001 | AC | APRON | P | 0 | 36,282.00 | 3/4/2019 | 18 | 74 |
| AP RU | 5120 | 1/1/2001 | AC | APRON | P | 0 | 41,840.00 | 3/4/2019 | 18 | 75 |
| AP W | 4605 | 1/1/2002 | AC | APRON | P | 0 | 34,600.00 | 3/4/2019 | 17 | 64 |
| AP W | 4610 | 1/1/1999 | AC | APRON | P | 0 | 260,825.00 | 3/4/2019 | 20 | 45 |
| AP W | 4640 | 3/1/2019 | AAC | APRON | P | 0 | 157,964.00 | 3/1/2019 | 0 | 100 |
| AP W | 4645 | 12/1/2017 | AC | APRON | P | 0 | 24,864.00 | 12/1/2017 | 0 | 100 |
| AP W | 4650 | 12/1/1998 | AC | APRON | P | 0 | 115,747.00 | 3/4/2019 | 21 | 50 |
| AP W | 4665 | 6/1/2019 | PCC | APRON | P | 0 | 8,833.00 | 6/1/2019 | 0 | 100 |
| AP W | 4670 | 12/1/1998 | AC | APRON | P | 0 | 10,856.00 | 3/4/2019 | 21 | 58 |
| AP W | 4675 | 3/1/2019 | PCC | APRON | P | 0 | 1,760.00 | 3/1/2019 | 0 | 100 |
| AP W SEGM | 4805 | 1/1/2001 | AAC | APRON | P | 0 | 129,830.00 | 3/4/2019 | 18 | 67 |
| AP W SEGM | 4810 | 1/1/2012 | AAC | APRON | P | 0 | 79,530.00 | 3/4/2019 | 7 | 77 |
| RW 13-31 | 6205 | 1/1/1999 | AC | RUNWAY | P | 0 | 445,836.00 | 3/4/2019 | 20 | 66 |
| RW 7-25 | 6105 | 1/2/2001 | AAC | RUNWAY | T | 0 | 600,500.00 | 3/4/2019 | 18 | 63 |
| RW 7-25 | 6110 | 1/2/2001 | AAC | RUNWAY | P | 0 | 300,250.00 | 3/4/2019 | 18 | 64 |
| TW A | 104 | 1/1/2001 | AC | TAXIWAY | P | 0 | 11,949.00 | 3/4/2019 | 18 | 66 |
| TW A | 114 | 1/1/1999 | AC | TAXIWAY | P | 0 | 12,579.00 | 3/4/2019 | 20 | 78 |
| TW A | 115 | 1/1/1984 | AC | TAXIWAY | P | 0 | 31,644.00 | 3/4/2019 | 35 | 56 |
| TW A | 116 | 1/1/1984 | AC | TAXIWAY | P | 0 | 11,579.00 | 3/4/2019 | 35 | 63 |
| TW A | 117 | 1/1/1984 | AC | TAXIWAY | P | 0 | 22,912.00 | 3/4/2019 | 35 | 62 |
| TW A | 118 | 10/1/2015 | AAC | TAXIWAY | P | 0 | 12,843.00 | 3/4/2019 | 4 | 94 |
| TW A | 119 | 10/1/2015 | AAC | TAXIWAY | P | 0 | 8,568.00 | 3/4/2019 | 4 | 89 |
| TW A | 125 | 1/1/1997 | AAC | TAXIWAY | P | 0 | 257,040.00 | 3/4/2019 | 22 | 67 |
| TW A | 150 | 1/1/1963 | AC | TAXIWAY | P | 0 | 60,358.00 | 3/4/2019 | 56 | 57 |
| TW A1 | 111 | 1/1/1997 | AAC | TAXIWAY | P | 0 | 15,537.00 | 3/4/2019 | 22 | 77 |
| TW A1 | 112 | 1/1/1997 | AAC | TAXIWAY | P | 0 | 14,428.00 | 3/4/2019 | 22 | 57 |
| TW A2 | 120 | 1/1/1997 | AAC | TAXIWAY | P | 0 | 30,935.00 | 3/4/2019 | 22 | 65 |
| TW A3 | 130 | 1/1/1997 | AAC | TAXIWAY | P | 0 | 56,163.00 | 3/4/2019 | 22 | 67 |
| TW A4 | 140 | 1/1/1999 | AC | TAXIWAY | P | 0 | 15,668.00 | 3/4/2019 | 20 | 63 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| TW A5 | 405 | 1/1/1997 | AAC | TAXIWAY | P | 0 | 37,049.00 | 3/4/2019 | 22 | 65 |
| TW A5 | 425 | 1/1/1997 | AAC | TAXIWAY | P | 0 | 9,443.00 | 3/4/2019 | 22 | 71 |
| TW A6 | 113 | 1/1/2001 | AC | TAXIWAY | P | 0 | 26,953.00 | 3/4/2019 | 18 | 72 |
| TW B | 102 | 1/1/1991 | AC | TAXIWAY | P | 0 | 6,388.00 | 3/4/2019 | 28 | 48 |
| TW B | 103 | 1/1/1999 | AAC | TAXIWAY | P | 0 | 57,000.00 | 3/4/2019 | 20 | 55 |
| TW B | 105 | 12/25/2015 | AAC | TAXIWAY | P | 0 | 30,470.00 | 3/4/2019 | 4 | 87 |
| TW E | 505 | 1/1/1983 | AC | TAXIWAY | P | 0 | 78,110.00 | 3/4/2019 | 36 | 65 |
| TW E | 530 | 12/25/2015 | AAC | TAXIWAY | P | 0 | 46,191.00 | 3/4/2019 | 4 | 93 |
| TW E | 540 | 12/25/2015 | AAC | TAXIWAY | P | 0 | 21,326.00 | 3/4/2019 | 4 | 94 |
| TW E | 545 | 12/25/2015 | AAC | TAXIWAY | P | 0 | 9,618.00 | 3/4/2019 | 4 | 88 |
| TW E | 550 | 12/25/2015 | AAC | TAXIWAY | P | 0 | 52,982.00 | 3/4/2019 | 4 | 91 |
| TW E1 | 501 | 1/1/1977 | AC | TAXIWAY | T | 0 | 5,073.00 | 3/4/2019 | 42 | 50 |
| TW E2 | 510 | 1/1/1983 | AC | TAXIWAY | P | 0 | 9,644.00 | 3/4/2019 | 36 | 46 |
| TW E2 | 512 | 1/1/1983 | AC | TAXIWAY | P | 0 | 2,687.00 | 3/4/2019 | 36 | 61 |
| TW E3 | 417 | 1/1/1977 | AC | TAXIWAY | P | 0 | 8,311.00 | 3/4/2019 | 42 | 29 |
| TW E3 | 420 | 1/1/1984 | AC | TAXIWAY | P | 0 | 36,384.00 | 3/4/2019 | 35 | 50 |
| TW E3 | 520 | 1/1/1983 | AC | TAXIWAY | P | 0 | 9,009.00 | 3/4/2019 | 36 | 46 |
| TW E3 | 522 | 1/1/1983 | AC | TAXIWAY | P | 0 | 2,133.00 | 3/4/2019 | 36 | 48 |
| TW E4 | 1070 | 1/1/1977 | AAC | TAXIWAY | P | 0 | 130,837.00 | 3/4/2019 | 42 | 50 |
| TW E4 | 1080 | 1/1/1977 | AAC | TAXIWAY | P | 0 | 8,393.00 | 3/4/2019 | 42 | 56 |
| TW E4 | 1105 | 1/1/1991 | AC | TAXIWAY | T | 0 | 6,580.00 | 3/4/2019 | 28 | 70 |
| TW E4 | 1110 | 12/25/2015 | AAC | TAXIWAY | T | 0 | 20,682.00 | 3/4/2019 | 4 | 94 |
| TW E5 | 560 | 1/1/1991 | AC | TAXIWAY | P | 0 | 5,540.00 | 3/4/2019 | 28 | 65 |
| TW E5 | 565 | 10/1/2015 | AAC | TAXIWAY | P | 0 | 9,465.00 | 3/4/2019 | 4 | 94 |
| TW E6 | 805 | 1/1/1984 | AC | TAXIWAY | P | 0 | 17,742.00 | 3/4/2019 | 35 | 67 |
| TW E6 | 820 | 12/25/2015 | AC | TAXIWAY | P | 0 | 11,139.00 | 3/4/2019 | 4 | 94 |
| TW F | 605 | 1/1/1984 | AC | TAXIWAY | P | 0 | 54,815.00 | 3/4/2019 | 35 | 45 |
| TW G | 705 | 1/1/1984 | AC | TAXIWAY | P | 0 | 30,099.00 | 3/4/2019 | 35 | 54 |
| TW G | 710 | 1/1/1988 | AC | TAXIWAY | P | 0 | 9,812.00 | 3/4/2019 | 31 | 55 |
| TW H | 806 | 1/1/1983 | AC | TAXIWAY | P | 0 | 62,452.00 | 3/4/2019 | 36 | 52 |
| TW K | 610 | 1/1/1999 | AC | TAXIWAY | P | 0 | 27,266.00 | 3/4/2019 | 20 | 70 |

***Pavement Database: FDOT***

| Age Category | Average Age at Inspection | Total Area (SqFt) | Number of Sections | Arithmetic Average PCI | Standard Deviation PCI | Weighted Average PCI |
|---|---|---|---|---|---|---|
| 00-02 | | 193,421.00 | 4 | 100.00 | 0.00 | 100.00 |
| 03-05 | 4 | 223,284.00 | 10 | 91.80 | 2.68 | 91.68 |
| 06-10 | 7 | 175,104.00 | 3 | 84.00 | 5.10 | 82.30 |
| 11-15 | 13 | 102,096.00 | 3 | 51.33 | 36.30 | 58.49 |
| 16-20 | 19 | 2,184,997.00 | 18 | 62.39 | 15.72 | 59.19 |
| 21-25 | 22 | 547,198.00 | 9 | 64.11 | 7.59 | 63.07 |
| 26-30 | 28 | 18,508.00 | 3 | 61.00 | 9.42 | 60.91 |
| 31-35 | 35 | 1,354,643.00 | 14 | 47.07 | 18.70 | 48.24 |
| 36-40 | 37 | 602,861.00 | 8 | 43.63 | 18.10 | 27.54 |
| 41-50 | 42 | 293,043.00 | 5 | 38.00 | 18.88 | 28.01 |
| 50+ | 55 | 225,452.00 | 3 | 55.67 | 17.17 | 48.09 |
| ALL | 23 | 5,920,607.00 | 80 | 62.15 | 23.67 | 55.09 |



# Appendix B

## Airfield Pavement Localized Maintenance and Repair and Major Rehabilitation

*Table B-1 Localized Maintenance and Repair Needs based on Current Condition*

| Network ID | Branch ID | Section ID | Distress Code | Description | Severity | Distress Qty | Distress Unit | Percent Distress | Work Description | Work Qty | Work Unit | Unit Cost | Work Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ORL | AP GA | 4205 | 43 | BLOCK CR | Medium | 45184.96 | SqFt | 7.4% | FDOT - CRACK SEALING - AC | 13772.3 | Ft | $ 3.00 | $ 41,320.00 |
| ORL | AP GA | 4205 | 48 | L & T CR | Medium | 8933.27 | Ft | 1.5% | FDOT - CRACK SEALING - AC | 8933.4 | Ft | $ 3.00 | $ 26,800.00 |
| ORL | AP GA | 4205 | 52 | RAVELING | Low | 545562.45 | SqFt | 89.6% | FDOT - SURFACE SEAL | 545562.3 | SqFt | $ 0.55 | $ 300,070.00 |
| ORL | AP GA | 4205 | 52 | RAVELING | Medium | 6570.29 | SqFt | 1.1% | FDOT - PATCHING - AC PARTIAL DEPTH | 6570.3 | SqFt | $ 4.00 | $ 26,290.00 |
| ORL | AP GA | 4230 | 52 | RAVELING | Low | 13489.87 | SqFt | 57.1% | FDOT - SURFACE SEAL | 13489.3 | SqFt | $ 0.55 | $ 7,420.00 |
| ORL | AP N | 4105 | 41 | ALLIGATOR CR | Low | 1599.73 | SqFt | 0.8% | FDOT - PATCHING - AC FULL DEPTH | 1764.2 | SqFt | $ 9.00 | $ 15,890.00 |
| ORL | AP N | 4105 | 43 | BLOCK CR | Medium | 38842.75 | SqFt | 19.3% | FDOT - CRACK SEALING - AC | 11839.2 | Ft | $ 3.00 | $ 35,520.00 |
| ORL | AP N | 4105 | 43 | BLOCK CR | High | 155443.14 | SqFt | 77.4% | FDOT - PATCHING - AC PARTIAL DEPTH | 155442.7 | SqFt | $ 4.00 | $ 621,780.00 |
| ORL | AP N | 4105 | 50 | PATCHING | Medium | 4453.46 | SqFt | 2.2% | FDOT - PATCHING - AC FULL DEPTH | 4726.4 | SqFt | $ 9.00 | $ 42,540.00 |
| ORL | AP N | 4105 | 52 | RAVELING | Medium | 107492.72 | SqFt | 53.5% | FDOT - PATCHING - AC PARTIAL DEPTH | 107492.7 | SqFt | $ 4.00 | $ 429,980.00 |
| ORL | AP N | 4105 | 52 | RAVELING | High | 88392.91 | SqFt | 44.0% | FDOT - PATCHING - AC PARTIAL DEPTH | 88393.2 | SqFt | $ 4.00 | $ 353,580.00 |
| ORL | AP N | 4105 | 53 | RUTTING | Medium | 2363.32 | SqFt | 1.2% | FDOT - PATCHING - AC FULL DEPTH | 2363.8 | SqFt | $ 9.00 | $ 21,280.00 |
| ORL | AP N | 4125 | 41 | ALLIGATOR CR | Medium | 2724.78 | SqFt | 1.9% | FDOT - PATCHING - AC FULL DEPTH | 2938.6 | SqFt | $ 9.00 | $ 26,450.00 |
| ORL | AP N | 4125 | 43 | BLOCK CR | Medium | 75454.37 | SqFt | 53.7% | FDOT - CRACK SEALING - AC | 22998.4 | Ft | $ 3.00 | $ 69,000.00 |
| ORL | AP N | 4125 | 43 | BLOCK CR | High | 62249.85 | SqFt | 44.3% | FDOT - PATCHING - AC PARTIAL DEPTH | 62249.9 | SqFt | $ 4.00 | $ 249,000.00 |
| ORL | AP N | 4125 | 52 | RAVELING | Medium | 132045.19 | SqFt | 94.0% | FDOT - PATCHING - AC PARTIAL DEPTH | 132045.2 | SqFt | $ 4.00 | $ 528,190.00 |
| ORL | AP N | 4125 | 52 | RAVELING | High | 8383.79 | SqFt | 6.0% | FDOT - PATCHING - AC PARTIAL DEPTH | 8384 | SqFt | $ 4.00 | $ 33,540.00 |
| ORL | AP N | 4125 | 53 | RUTTING | Medium | 2347.5 | SqFt | 1.7% | FDOT - PATCHING - AC FULL DEPTH | 2347.6 | SqFt | $ 9.00 | $ 21,130.00 |
| ORL | AP N | 4140 | 43 | BLOCK CR | Medium | 221607.5 | SqFt | 93.2% | FDOT - CRACK SEALING - AC | 67545.9 | Ft | $ 3.00 | $ 202,640.00 |
| ORL | AP N | 4140 | 52 | RAVELING | Low | 54416.95 | SqFt | 22.9% | FDOT - SURFACE SEAL | 54417 | SqFt | $ 0.55 | $ 29,930.00 |
| ORL | AP N | 4140 | 52 | RAVELING | Medium | 142811.8 | SqFt | 60.0% | FDOT - PATCHING - AC PARTIAL DEPTH | 142811.3 | SqFt | $ 4.00 | $ 571,250.00 |
| ORL | AP N | 4140 | 52 | RAVELING | High | 40631.29 | SqFt | 17.1% | FDOT - PATCHING - AC PARTIAL DEPTH | 40631.6 | SqFt | $ 4.00 | $ 162,530.00 |
| ORL | AP N | 4145 | 50 | PATCHING | Medium | 4604.69 | SqFt | 3.8% | FDOT - PATCHING - AC FULL DEPTH | 4881.4 | SqFt | $ 9.00 | $ 43,940.00 |
| ORL | AP N | 4145 | 52 | RAVELING | Medium | 117712.51 | SqFt | 96.1% | FDOT - PATCHING - AC PARTIAL DEPTH | 117713.1 | SqFt | $ 4.00 | $ 470,850.00 |
| ORL | AP N | 4145 | 52 | RAVELING | High | 182.77 | SqFt | 0.2% | FDOT - PATCHING - AC PARTIAL DEPTH | 183 | SqFt | $ 4.00 | $ 740.00 |
| ORL | AP N | 4155 | 43 | BLOCK CR | Medium | 37922.55 | SqFt | 11.2% | FDOT - CRACK SEALING - AC | 11558.7 | Ft | $ 3.00 | $ 34,680.00 |
| ORL | AP N | 4155 | 52 | RAVELING | Low | 236689.78 | SqFt | 70.1% | FDOT - SURFACE SEAL | 236689.8 | SqFt | $ 0.55 | $ 130,190.00 |
| ORL | AP N | 4155 | 52 | RAVELING | Medium | 100759.24 | SqFt | 29.9% | FDOT - PATCHING - AC PARTIAL DEPTH | 100758.8 | SqFt | $ 4.00 | $ 403,040.00 |
| ORL | AP N | 4158 | 43 | BLOCK CR | High | 125584.05 | SqFt | 100.0% | FDOT - PATCHING - AC PARTIAL DEPTH | 125583.6 | SqFt | $ 4.00 | $ 502,340.00 |
| ORL | AP N | 4158 | 45 | DEPRESSION | Low | 1656.35 | SqFt | 1.3% | FDOT - PATCHING - AC FULL DEPTH | 1824.5 | SqFt | $ 9.00 | $ 16,420.00 |
| ORL | AP N | 4158 | 52 | RAVELING | Medium | 109353.15 | SqFt | 87.1% | FDOT - PATCHING - AC PARTIAL DEPTH | 109352.7 | SqFt | $ 4.00 | $ 437,420.00 |
| ORL | AP N | 4158 | 52 | RAVELING | High | 16230.79 | SqFt | 12.9% | FDOT - PATCHING - AC PARTIAL DEPTH | 16230.9 | SqFt | $ 4.00 | $ 64,930.00 |
| ORL | AP N | 4165 | 43 | BLOCK CR | Medium | 19731.86 | SqFt | 72.7% | FDOT - CRACK SEALING - AC | 6014.4 | Ft | $ 3.00 | $ 18,050.00 |
| ORL | AP N | 4165 | 43 | BLOCK CR | High | 7424.08 | SqFt | 27.3% | FDOT - PATCHING - AC PARTIAL DEPTH | 7423.9 | SqFt | $ 4.00 | $ 29,700.00 |
| ORL | AP N | 4165 | 45 | DEPRESSION | Low | 1021.17 | SqFt | 3.8% | FDOT - PATCHING - AC FULL DEPTH | 1153.9 | SqFt | $ 9.00 | $ 10,390.00 |
| ORL | AP N | 4165 | 52 | RAVELING | Medium | 27156.05 | SqFt | 100.0% | FDOT - PATCHING - AC PARTIAL DEPTH | 27156.3 | SqFt | $ 4.00 | $ 108,630.00 |
| ORL | AP N | 4167 | 41 | ALLIGATOR CR | Low | 906.32 | SqFt | 3.1% | FDOT - PATCHING - AC FULL DEPTH | 1031.2 | SqFt | $ 9.00 | $ 9,290.00 |
| ORL | AP N | 4167 | 41 | ALLIGATOR CR | Medium | 828.61 | SqFt | 2.9% | FDOT - PATCHING - AC FULL DEPTH | 948.3 | SqFt | $ 9.00 | $ 8,540.00 |

| Network ID | Branch ID | Section ID | Distress Code | Description | Severity | Distress Qty | Distress Unit | Percent Distress | Work Description | Work Qty | Work Unit | Unit Cost | Work Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ORL | AP N | 4167 | 43 | BLOCK CR | Medium | 20275.76 | SqFt | 70.1% | FDOT - CRACK SEALING - AC | 6180.1 | Ft | $ 3.00 | $ 18,550.00 |
| ORL | AP N | 4167 | 45 | DEPRESSION | Low | 448.86 | SqFt | 1.6% | FDOT - PATCHING - AC FULL DEPTH | 538.2 | SqFt | $ 9.00 | $ 4,850.00 |
| ORL | AP N | 4167 | 52 | RAVELING | Medium | 21984.75 | SqFt | 76.0% | FDOT - PATCHING - AC PARTIAL DEPTH | 21985.3 | SqFt | $ 4.00 | $ 87,940.00 |
| ORL | AP N | 4167 | 52 | RAVELING | High | 25.94 | SqFt | 0.1% | FDOT - PATCHING - AC PARTIAL DEPTH | 25.8 | SqFt | $ 4.00 | $ 110.00 |
| ORL | AP N | 4168 | 65 | JT SEAL DMG | High | 51 | Slabs | 100.0% | FDOT - JOINT SEAL - PCC | 1741.8 | Ft | $ 2.75 | $ 4,790.00 |
| ORL | AP N | 4168 | 72 | SHAT. SLAB | Medium | 38.25 | Slabs | 75.0% | FDOT - SLAB REPLACEMENT - PCC | 18360 | SqFt | $ 30.00 | $ 550,800.00 |
| ORL | AP N | 4168 | 72 | SHAT. SLAB | High | 12.75 | Slabs | 25.0% | FDOT - SLAB REPLACEMENT - PCC | 6120.4 | SqFt | $ 30.00 | $ 183,600.00 |
| ORL | AP N | 4169 | 52 | RAVELING | Low | 2267.53 | SqFt | 3.1% | FDOT - SURFACE SEAL | 2268 | SqFt | $ 0.55 | $ 1,250.00 |
| ORL | AP N | 4170 | 45 | DEPRESSION | Low | 16.15 | SqFt | 0.0% | FDOT - PATCHING - AC FULL DEPTH | 36.6 | SqFt | $ 9.00 | $ 330.00 |
| ORL | AP N | 4170 | 52 | RAVELING | Low | 17649.8 | SqFt | 20.8% | FDOT - SURFACE SEAL | 17649.6 | SqFt | $ 0.55 | $ 9,710.00 |
| ORL | AP N | 4170 | 57 | WEATHERING | Medium | 51449.34 | SqFt | 60.6% | FDOT - SURFACE SEAL | 51449.3 | SqFt | $ 0.55 | $ 28,300.00 |
| ORL | AP N | 4175 | 45 | DEPRESSION | Low | 506.55 | SqFt | 1.2% | FDOT - PATCHING - AC FULL DEPTH | 600.6 | SqFt | $ 9.00 | $ 5,410.00 |
| ORL | AP N | 4175 | 52 | RAVELING | Low | 6438.65 | SqFt | 15.1% | FDOT - SURFACE SEAL | 6439 | SqFt | $ 0.55 | $ 3,550.00 |
| ORL | AP NE | 4305 | 43 | BLOCK CR | Medium | 46771.34 | SqFt | 88.9% | FDOT - CRACK SEALING - AC | 14255.9 | Ft | $ 3.00 | $ 42,770.00 |
| ORL | AP NE | 4305 | 45 | DEPRESSION | Low | 359.62 | SqFt | 0.7% | FDOT - PATCHING - AC FULL DEPTH | 440.2 | SqFt | $ 9.00 | $ 3,960.00 |
| ORL | AP NE | 4305 | 50 | PATCHING | Medium | 5663.75 | SqFt | 10.8% | FDOT - PATCHING - AC FULL DEPTH | 5970.7 | SqFt | $ 9.00 | $ 53,740.00 |
| ORL | AP NE | 4305 | 50 | PATCHING | High | 207.85 | SqFt | 0.4% | FDOT - PATCHING - AC FULL DEPTH | 270.2 | SqFt | $ 9.00 | $ 2,430.00 |
| ORL | AP NE | 4305 | 52 | RAVELING | Low | 29454.04 | SqFt | 56.0% | FDOT - SURFACE SEAL | 29454.4 | SqFt | $ 0.55 | $ 16,200.00 |
| ORL | AP NE | 4305 | 52 | RAVELING | Medium | 17261.11 | SqFt | 32.8% | FDOT - PATCHING - AC PARTIAL DEPTH | 17261 | SqFt | $ 4.00 | $ 69,050.00 |
| ORL | AP NE | 4305 | 52 | RAVELING | High | 56.19 | SqFt | 0.1% | FDOT - PATCHING - AC PARTIAL DEPTH | 56 | SqFt | $ 4.00 | $ 230.00 |
| ORL | AP NE | 4312 | 45 | DEPRESSION | Low | 526.36 | SqFt | 6.2% | FDOT - PATCHING - AC FULL DEPTH | 623.2 | SqFt | $ 9.00 | $ 5,610.00 |
| ORL | AP NE | 4312 | 52 | RAVELING | Low | 1489.73 | SqFt | 17.4% | FDOT - SURFACE SEAL | 1489.7 | SqFt | $ 0.55 | $ 820.00 |
| ORL | AP NE | 4312 | 57 | WEATHERING | Medium | 1092.43 | SqFt | 12.8% | FDOT - SURFACE SEAL | 1092.5 | SqFt | $ 0.55 | $ 610.00 |
| ORL | AP NE | 4315 | 52 | RAVELING | Low | 4543.12 | SqFt | 18.5% | FDOT - SURFACE SEAL | 4543.5 | SqFt | $ 0.55 | $ 2,500.00 |
| ORL | AP NE | 4320 | 52 | RAVELING | Low | 11315.24 | SqFt | 21.3% | FDOT - SURFACE SEAL | 11315 | SqFt | $ 0.55 | $ 6,230.00 |
| ORL | AP RU | 5110 | 52 | RAVELING | Low | 1296.3 | SqFt | 5.0% | FDOT - SURFACE SEAL | 1296 | SqFt | $ 0.55 | $ 720.00 |
| ORL | AP RU | 5115 | 52 | RAVELING | Low | 3707.63 | SqFt | 10.2% | FDOT - SURFACE SEAL | 3708.2 | SqFt | $ 0.55 | $ 2,040.00 |
| ORL | AP RU | 5120 | 52 | RAVELING | Low | 2095.09 | SqFt | 5.0% | FDOT - SURFACE SEAL | 2094.7 | SqFt | $ 0.55 | $ 1,160.00 |
| ORL | AP W | 4605 | 49 | OIL SPILLAGE | N/A | 41.55 | SqFt | 0.1% | FDOT - PATCHING - AC PARTIAL DEPTH | 71 | SqFt | $ 4.00 | $ 290.00 |
| ORL | AP W | 4605 | 52 | RAVELING | Low | 6920.01 | SqFt | 20.0% | FDOT - SURFACE SEAL | 6920.1 | SqFt | $ 0.55 | $ 3,810.00 |
| ORL | AP W | 4605 | 57 | WEATHERING | Medium | 27680.04 | SqFt | 80.0% | FDOT - SURFACE SEAL | 27680.5 | SqFt | $ 0.55 | $ 15,230.00 |
| ORL | AP W | 4610 | 43 | BLOCK CR | Medium | 53927.19 | SqFt | 20.7% | FDOT - CRACK SEALING - AC | 16437 | Ft | $ 3.00 | $ 49,320.00 |
| ORL | AP W | 4610 | 45 | DEPRESSION | Low | 1042.48 | SqFt | 0.4% | FDOT - PATCHING - AC FULL DEPTH | 1176.5 | SqFt | $ 9.00 | $ 10,590.00 |
| ORL | AP W | 4610 | 52 | RAVELING | Low | 255021.36 | SqFt | 97.8% | FDOT - SURFACE SEAL | 255021.8 | SqFt | $ 0.55 | $ 140,270.00 |
| ORL | AP W | 4650 | 43 | BLOCK CR | Medium | 5879.03 | SqFt | 5.1% | FDOT - CRACK SEALING - AC | 1792 | Ft | $ 3.00 | $ 5,380.00 |
| ORL | AP W | 4650 | 45 | DEPRESSION | Low | 144.45 | SqFt | 0.1% | FDOT - PATCHING - AC FULL DEPTH | 197 | SqFt | $ 9.00 | $ 1,780.00 |
| ORL | AP W | 4650 | 52 | RAVELING | Low | 115747.02 | SqFt | 100.0% | FDOT - SURFACE SEAL | 115746.5 | SqFt | $ 0.55 | $ 63,670.00 |
| ORL | AP W | 4670 | 52 | RAVELING | Low | 10856.05 | SqFt | 100.0% | FDOT - SURFACE SEAL | 10856.5 | SqFt | $ 0.55 | $ 5,980.00 |
| ORL | AP W SEGM | 4805 | 52 | RAVELING | Low | 2341.9 | SqFt | 1.8% | FDOT - SURFACE SEAL | 2342.2 | SqFt | $ 0.55 | $ 1,290.00 |

| Network ID | Branch ID | Section ID | Distress Code | Description | Severity | Distress Qty | Distress Unit | Percent Distress | Work Description | Work Qty | Work Unit | Unit Cost | Work Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ORL | AP W SEGM | 4805 | 57 | WEATHERING | Medium | 83794.78 | SqFt | 64.5% | FDOT - SURFACE SEAL | 83794.9 | SqFt | $ 0.55 | $ 46,090.00 |
| ORL | AP W SEGM | 4810 | 45 | DEPRESSION | Low | 776.19 | SqFt | 1.0% | FDOT - PATCHING - AC FULL DEPTH | 892.3 | SqFt | $ 9.00 | $ 8,040.00 |
| ORL | AP W SEGM | 4810 | 49 | OIL SPILLAGE | N/A | 19.16 | SqFt | 0.0% | FDOT - PATCHING - AC PARTIAL DEPTH | 40.9 | SqFt | $ 4.00 | $ 170.00 |
| ORL | AP W SEGM | 4810 | 52 | RAVELING | Low | 939.04 | SqFt | 1.2% | FDOT - SURFACE SEAL | 938.6 | SqFt | $ 0.55 | $ 520.00 |
| ORL | RW 13-31 | 6205 | 45 | DEPRESSION | Low | 1023.76 | SqFt | 0.2% | FDOT - PATCHING - AC FULL DEPTH | 1156 | SqFt | $ 9.00 | $ 10,410.00 |
| ORL | RW 13-31 | 6205 | 48 | L & T CR | Medium | 1018.93 | Ft | 0.2% | FDOT - CRACK SEALING - AC | 1019 | Ft | $ 3.00 | $ 3,060.00 |
| ORL | RW 13-31 | 6205 | 52 | RAVELING | Low | 58772.35 | SqFt | 13.2% | FDOT - SURFACE SEAL | 58772 | SqFt | $ 0.55 | $ 32,330.00 |
| ORL | RW 13-31 | 6205 | 52 | RAVELING | Medium | 6356.09 | SqFt | 1.4% | FDOT - PATCHING - AC PARTIAL DEPTH | 6356.1 | SqFt | $ 4.00 | $ 25,430.00 |
| ORL | RW 13-31 | 6205 | 56 | SWELLING | Medium | 43.7 | SqFt | 0.0% | FDOT - PATCHING - AC FULL DEPTH | 74.3 | SqFt | $ 9.00 | $ 670.00 |
| ORL | RW 7-25 | 6105 | 45 | DEPRESSION | Low | 162.1 | SqFt | 0.0% | FDOT - PATCHING - AC FULL DEPTH | 217.4 | SqFt | $ 9.00 | $ 1,960.00 |
| ORL | RW 7-25 | 6105 | 48 | L & T CR | Medium | 7266.04 | Ft | 1.2% | FDOT - CRACK SEALING - AC | 7266.1 | Ft | $ 3.00 | $ 21,800.00 |
| ORL | RW 7-25 | 6105 | 52 | RAVELING | Low | 87450.85 | SqFt | 14.6% | FDOT - SURFACE SEAL | 87450.3 | SqFt | $ 0.55 | $ 48,100.00 |
| ORL | RW 7-25 | 6105 | 52 | RAVELING | Medium | 2810.35 | SqFt | 0.5% | FDOT - PATCHING - AC PARTIAL DEPTH | 2810.5 | SqFt | $ 4.00 | $ 11,250.00 |
| ORL | RW 7-25 | 6105 | 57 | WEATHERING | Medium | 34054.32 | SqFt | 5.7% | FDOT - SURFACE SEAL | 34054.9 | SqFt | $ 0.55 | $ 18,740.00 |
| ORL | RW 7-25 | 6110 | 48 | L & T CR | Medium | 149.51 | Ft | 0.1% | FDOT - CRACK SEALING - AC | 149.6 | Ft | $ 3.00 | $ 450.00 |
| ORL | RW 7-25 | 6110 | 52 | RAVELING | Low | 74736.09 | SqFt | 24.9% | FDOT - SURFACE SEAL | 74736 | SqFt | $ 0.55 | $ 41,110.00 |
| ORL | RW 7-25 | 6110 | 52 | RAVELING | Medium | 14257.55 | SqFt | 4.8% | FDOT - PATCHING - AC PARTIAL DEPTH | 14257.9 | SqFt | $ 4.00 | $ 57,030.00 |
| ORL | TW A | 104 | 52 | RAVELING | Low | 1489.62 | SqFt | 12.5% | FDOT - SURFACE SEAL | 1489.7 | SqFt | $ 0.55 | $ 820.00 |
| ORL | TW A | 114 | 52 | RAVELING | Low | 2057.74 | SqFt | 16.4% | FDOT - SURFACE SEAL | 2058.1 | SqFt | $ 0.55 | $ 1,140.00 |
| ORL | TW A | 115 | 48 | L & T CR | Medium | 843.83 | Ft | 2.7% | FDOT - CRACK SEALING - AC | 843.8 | Ft | $ 3.00 | $ 2,540.00 |
| ORL | TW A | 115 | 52 | RAVELING | Low | 31222.12 | SqFt | 98.7% | FDOT - SURFACE SEAL | 31221.8 | SqFt | $ 0.55 | $ 17,180.00 |
| ORL | TW A | 115 | 52 | RAVELING | Medium | 421.95 | SqFt | 1.3% | FDOT - PATCHING - AC PARTIAL DEPTH | 422 | SqFt | $ 4.00 | $ 1,690.00 |
| ORL | TW A | 116 | 48 | L & T CR | Medium | 38.62 | Ft | 0.3% | FDOT - CRACK SEALING - AC | 38.7 | Ft | $ 3.00 | $ 120.00 |
| ORL | TW A | 116 | 52 | RAVELING | Low | 11578.95 | SqFt | 100.0% | FDOT - SURFACE SEAL | 11578.7 | SqFt | $ 0.55 | $ 6,370.00 |
| ORL | TW A | 117 | 48 | L & T CR | Medium | 598.69 | Ft | 2.6% | FDOT - CRACK SEALING - AC | 598.8 | Ft | $ 3.00 | $ 1,800.00 |
| ORL | TW A | 117 | 52 | RAVELING | Low | 22911.95 | SqFt | 100.0% | FDOT - SURFACE SEAL | 22912.1 | SqFt | $ 0.55 | $ 12,610.00 |
| ORL | TW A | 125 | 52 | RAVELING | Low | 22531.34 | SqFt | 8.8% | FDOT - SURFACE SEAL | 22531 | SqFt | $ 0.55 | $ 12,400.00 |
| ORL | TW A | 150 | 48 | L & T CR | Medium | 1008.83 | Ft | 1.7% | FDOT - CRACK SEALING - AC | 1008.9 | Ft | $ 3.00 | $ 3,030.00 |
| ORL | TW A | 150 | 52 | RAVELING | Low | 25921.76 | SqFt | 43.0% | FDOT - SURFACE SEAL | 25921.7 | SqFt | $ 0.55 | $ 14,260.00 |
| ORL | TW A | 150 | 57 | WEATHERING | Medium | 17654.43 | SqFt | 29.3% | FDOT - SURFACE SEAL | 17655 | SqFt | $ 0.55 | $ 9,720.00 |
| ORL | TW A1 | 111 | 52 | RAVELING | Low | 778.88 | SqFt | 5.0% | FDOT - SURFACE SEAL | 779.3 | SqFt | $ 0.55 | $ 430.00 |
| ORL | TW A1 | 111 | 57 | WEATHERING | Medium | 3936.04 | SqFt | 25.3% | FDOT - SURFACE SEAL | 3936.4 | SqFt | $ 0.55 | $ 2,170.00 |
| ORL | TW A1 | 112 | 41 | ALLIGATOR CR | Medium | 76.96 | SqFt | 0.5% | FDOT - PATCHING - AC FULL DEPTH | 116.3 | SqFt | $ 9.00 | $ 1,050.00 |
| ORL | TW A1 | 112 | 48 | L & T CR | Medium | 92.32 | Ft | 0.6% | FDOT - CRACK SEALING - AC | 92.2 | Ft | $ 3.00 | $ 280.00 |
| ORL | TW A1 | 112 | 52 | RAVELING | Low | 3847.45 | SqFt | 26.7% | FDOT - SURFACE SEAL | 3847 | SqFt | $ 0.55 | $ 2,120.00 |
| ORL | TW A2 | 120 | 52 | RAVELING | Low | 1443.66 | SqFt | 4.7% | FDOT - SURFACE SEAL | 1443.4 | SqFt | $ 0.55 | $ 800.00 |
| ORL | TW A2 | 120 | 52 | RAVELING | Medium | 2037.61 | SqFt | 6.6% | FDOT - PATCHING - AC PARTIAL DEPTH | 2037.6 | SqFt | $ 4.00 | $ 8,160.00 |
| ORL | TW A3 | 130 | 45 | DEPRESSION | Low | 489.11 | SqFt | 0.9% | FDOT - PATCHING - AC FULL DEPTH | 582.3 | SqFt | $ 9.00 | $ 5,240.00 |
| ORL | TW A3 | 130 | 48 | L & T CR | Medium | 3.9 | Ft | 0.0% | FDOT - CRACK SEALING - AC | 3.9 | Ft | $ 3.00 | $ 20.00 |

| Network ID | Branch ID | Section ID | Distress Code | Description | Severity | Distress Qty | Distress Unit | Percent Distress | Work Description | Work Qty | Work Unit | Unit Cost | Work Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ORL | TW A3 | 130 | 52 | RAVELING | Low | 9880.95 | SqFt | 17.6% | FDOT - SURFACE SEAL | 9881.3 | SqFt | $ 0.55 | $ 5,440.00 |
| ORL | TW A4 | 140 | 52 | RAVELING | Low | 785.44 | SqFt | 5.0% | FDOT - SURFACE SEAL | 785.8 | SqFt | $ 0.55 | $ 440.00 |
| ORL | TW A5 | 405 | 48 | L & T CR | Medium | 197.6 | Ft | 0.5% | FDOT - CRACK SEALING - AC | 197.5 | Ft | $ 3.00 | $ 600.00 |
| ORL | TW A5 | 405 | 52 | RAVELING | Low | 1758.61 | SqFt | 4.8% | FDOT - SURFACE SEAL | 1758.8 | SqFt | $ 0.55 | $ 970.00 |
| ORL | TW A5 | 405 | 52 | RAVELING | Medium | 1926.52 | SqFt | 5.2% | FDOT - PATCHING - AC PARTIAL DEPTH | 1926.7 | SqFt | $ 4.00 | $ 7,710.00 |
| ORL | TW A5 | 425 | 52 | RAVELING | Low | 943.99 | SqFt | 10.0% | FDOT - SURFACE SEAL | 944 | SqFt | $ 0.55 | $ 520.00 |
| ORL | TW A5 | 425 | 57 | WEATHERING | Medium | 1670.99 | SqFt | 17.7% | FDOT - SURFACE SEAL | 1670.6 | SqFt | $ 0.55 | $ 920.00 |
| ORL | TW A6 | 113 | 52 | RAVELING | Low | 385.03 | SqFt | 1.4% | FDOT - SURFACE SEAL | 385.4 | SqFt | $ 0.55 | $ 220.00 |
| ORL | TW B | 102 | 52 | RAVELING | Low | 5387.98 | SqFt | 84.4% | FDOT - SURFACE SEAL | 5388.4 | SqFt | $ 0.55 | $ 2,970.00 |
| ORL | TW B | 102 | 52 | RAVELING | Medium | 999.97 | SqFt | 15.7% | FDOT - PATCHING - AC PARTIAL DEPTH | 1000 | SqFt | $ 4.00 | $ 4,000.00 |
| ORL | TW B | 103 | 45 | DEPRESSION | Low | 121.63 | SqFt | 0.2% | FDOT - PATCHING - AC FULL DEPTH | 170.1 | SqFt | $ 9.00 | $ 1,530.00 |
| ORL | TW B | 103 | 52 | RAVELING | Low | 8549.99 | SqFt | 15.0% | FDOT - SURFACE SEAL | 8549.8 | SqFt | $ 0.55 | $ 4,710.00 |
| ORL | TW B | 103 | 57 | WEATHERING | Medium | 6650.05 | SqFt | 11.7% | FDOT - SURFACE SEAL | 6649.9 | SqFt | $ 0.55 | $ 3,660.00 |
| ORL | TW E | 505 | 48 | L & T CR | Medium | 351.51 | Ft | 0.5% | FDOT - CRACK SEALING - AC | 351.4 | Ft | $ 3.00 | $ 1,060.00 |
| ORL | TW E | 505 | 52 | RAVELING | Low | 78110.04 | SqFt | 100.0% | FDOT - SURFACE SEAL | 78110.5 | SqFt | $ 0.55 | $ 42,970.00 |
| ORL | TW E1 | 501 | 48 | L & T CR | Medium | 29.99 | Ft | 0.6% | FDOT - CRACK SEALING - AC | 29.9 | Ft | $ 3.00 | $ 90.00 |
| ORL | TW E1 | 501 | 52 | RAVELING | Low | 4057.99 | SqFt | 80.0% | FDOT - SURFACE SEAL | 4058 | SqFt | $ 0.55 | $ 2,240.00 |
| ORL | TW E2 | 510 | 48 | L & T CR | Medium | 44.29 | Ft | 0.5% | FDOT - CRACK SEALING - AC | 44.3 | Ft | $ 3.00 | $ 140.00 |
| ORL | TW E2 | 510 | 52 | RAVELING | Low | 9289.58 | SqFt | 96.3% | FDOT - SURFACE SEAL | 9289.3 | SqFt | $ 0.55 | $ 5,110.00 |
| ORL | TW E2 | 510 | 52 | RAVELING | Medium | 354.35 | SqFt | 3.7% | FDOT - PATCHING - AC PARTIAL DEPTH | 354.1 | SqFt | $ 4.00 | $ 1,420.00 |
| ORL | TW E2 | 512 | 48 | L & T CR | Medium | 8.99 | Ft | 0.3% | FDOT - CRACK SEALING - AC | 8.9 | Ft | $ 3.00 | $ 30.00 |
| ORL | TW E2 | 512 | 52 | RAVELING | Low | 268.99 | SqFt | 10.0% | FDOT - SURFACE SEAL | 269.1 | SqFt | $ 0.55 | $ 150.00 |
| ORL | TW E3 | 417 | 48 | L & T CR | Medium | 368.96 | Ft | 4.4% | FDOT - CRACK SEALING - AC | 369.1 | Ft | $ 3.00 | $ 1,110.00 |
| ORL | TW E3 | 417 | 52 | RAVELING | Medium | 8178.63 | SqFt | 98.4% | FDOT - PATCHING - AC PARTIAL DEPTH | 8178.4 | SqFt | $ 4.00 | $ 32,720.00 |
| ORL | TW E3 | 420 | 45 | DEPRESSION | Low | 365.43 | SqFt | 1.0% | FDOT - PATCHING - AC FULL DEPTH | 446.7 | SqFt | $ 9.00 | $ 4,020.00 |
| ORL | TW E3 | 420 | 45 | DEPRESSION | Medium | 984.79 | SqFt | 2.7% | FDOT - PATCHING - AC FULL DEPTH | 1115.1 | SqFt | $ 9.00 | $ 10,040.00 |
| ORL | TW E3 | 420 | 45 | DEPRESSION | High | 310.97 | SqFt | 0.9% | FDOT - PATCHING - AC FULL DEPTH | 386.4 | SqFt | $ 9.00 | $ 3,480.00 |
| ORL | TW E3 | 420 | 48 | L & T CR | Medium | 225.46 | Ft | 0.6% | FDOT - CRACK SEALING - AC | 225.4 | Ft | $ 3.00 | $ 680.00 |
| ORL | TW E3 | 420 | 52 | RAVELING | Low | 35036.31 | SqFt | 96.3% | FDOT - SURFACE SEAL | 35036.5 | SqFt | $ 0.55 | $ 19,280.00 |
| ORL | TW E3 | 520 | 48 | L & T CR | Medium | 210.83 | Ft | 2.3% | FDOT - CRACK SEALING - AC | 211 | Ft | $ 3.00 | $ 640.00 |
| ORL | TW E3 | 520 | 52 | RAVELING | Low | 7533.12 | SqFt | 83.6% | FDOT - SURFACE SEAL | 7533.7 | SqFt | $ 0.55 | $ 4,150.00 |
| ORL | TW E3 | 520 | 52 | RAVELING | Medium | 674.68 | SqFt | 7.5% | FDOT - PATCHING - AC PARTIAL DEPTH | 674.9 | SqFt | $ 4.00 | $ 2,700.00 |
| ORL | TW E3 | 522 | 48 | L & T CR | Medium | 100.23 | Ft | 4.7% | FDOT - CRACK SEALING - AC | 100.4 | Ft | $ 3.00 | $ 310.00 |
| ORL | TW E3 | 522 | 52 | RAVELING | Low | 851.96 | SqFt | 39.9% | FDOT - SURFACE SEAL | 852.5 | SqFt | $ 0.55 | $ 470.00 |
| ORL | TW E4 | 1070 | 48 | L & T CR | Medium | 2100.75 | Ft | 1.6% | FDOT - CRACK SEALING - AC | 2100.7 | Ft | $ 3.00 | $ 6,310.00 |
| ORL | TW E4 | 1070 | 52 | RAVELING | Low | 108355.12 | SqFt | 82.8% | FDOT - SURFACE SEAL | 108354.9 | SqFt | $ 0.55 | $ 59,600.00 |
| ORL | TW E4 | 1070 | 52 | RAVELING | Medium | 22481.83 | SqFt | 17.2% | FDOT - PATCHING - AC PARTIAL DEPTH | 22481.5 | SqFt | $ 4.00 | $ 89,930.00 |
| ORL | TW E4 | 1080 | 48 | L & T CR | Medium | 131.36 | Ft | 1.6% | FDOT - CRACK SEALING - AC | 131.2 | Ft | $ 3.00 | $ 400.00 |
| ORL | TW E4 | 1080 | 52 | RAVELING | Low | 8393.05 | SqFt | 100.0% | FDOT - SURFACE SEAL | 8392.6 | SqFt | $ 0.55 | $ 4,620.00 |

| Network ID | Branch ID | Section ID | Distress Code | Description | Severity | Distress Qty | Distress Unit | Percent Distress | Work Description | Work Qty | Work Unit | Unit Cost | Work Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ORL | TW E4 | 1105 | 52 | RAVELING | Low | 2631.99 | SqFt | 40.0% | FDOT - SURFACE SEAL | 2631.8 | SqFt | $ 0.55 | $ 1,450.00 |
| ORL | TW E5 | 560 | 52 | RAVELING | Low | 5263.01 | SqFt | 95.0% | FDOT - SURFACE SEAL | 5262.5 | SqFt | $ 0.55 | $ 2,900.00 |
| ORL | TW E5 | 560 | 52 | RAVELING | Medium | 276.96 | SqFt | 5.0% | FDOT - PATCHING - AC PARTIAL DEPTH | 276.6 | SqFt | $ 4.00 | $ 1,110.00 |
| ORL | TW E6 | 805 | 52 | RAVELING | Low | 17742.05 | SqFt | 100.0% | FDOT - SURFACE SEAL | 17742.2 | SqFt | $ 0.55 | $ 9,760.00 |
| ORL | TW F | 605 | 48 | L & T CR | Medium | 685.2 | Ft | 1.3% | FDOT - CRACK SEALING - AC | 685 | Ft | $ 3.00 | $ 2,060.00 |
| ORL | TW F | 605 | 52 | RAVELING | Low | 41111.25 | SqFt | 75.0% | FDOT - SURFACE SEAL | 41111.7 | SqFt | $ 0.55 | $ 22,620.00 |
| ORL | TW F | 605 | 52 | RAVELING | Medium | 13703.75 | SqFt | 25.0% | FDOT - PATCHING - AC PARTIAL DEPTH | 13703.5 | SqFt | $ 4.00 | $ 54,820.00 |
| ORL | TW G | 705 | 52 | RAVELING | Low | 30099.02 | SqFt | 100.0% | FDOT - SURFACE SEAL | 30099.1 | SqFt | $ 0.55 | $ 16,560.00 |
| ORL | TW G | 710 | 52 | RAVELING | Low | 9689.35 | SqFt | 98.8% | FDOT - SURFACE SEAL | 9689.7 | SqFt | $ 0.55 | $ 5,330.00 |
| ORL | TW G | 710 | 52 | RAVELING | Medium | 122.6 | SqFt | 1.3% | FDOT - PATCHING - AC PARTIAL DEPTH | 122.7 | SqFt | $ 4.00 | $ 500.00 |
| ORL | TW H | 806 | 48 | L & T CR | Medium | 2315.91 | Ft | 3.7% | FDOT - CRACK SEALING - AC | 2315.9 | Ft | $ 3.00 | $ 6,950.00 |
| ORL | TW H | 806 | 52 | RAVELING | Low | 62451.99 | SqFt | 100.0% | FDOT - SURFACE SEAL | 62452.2 | SqFt | $ 0.55 | $ 34,350.00 |
| ORL | TW K | 610 | 48 | L & T CR | Medium | 156.79 | Ft | 0.6% | FDOT - CRACK SEALING - AC | 156.8 | Ft | $ 3.00 | $ 480.00 |
| ORL | TW K | 610 | 52 | RAVELING | Low | 340.79 | SqFt | 1.3% | FDOT - SURFACE SEAL | 341.2 | SqFt | $ 0.55 | $ 190.00 |

*Table B-2 10-Year Major Rehabilitation Planning Needs at Section Level*

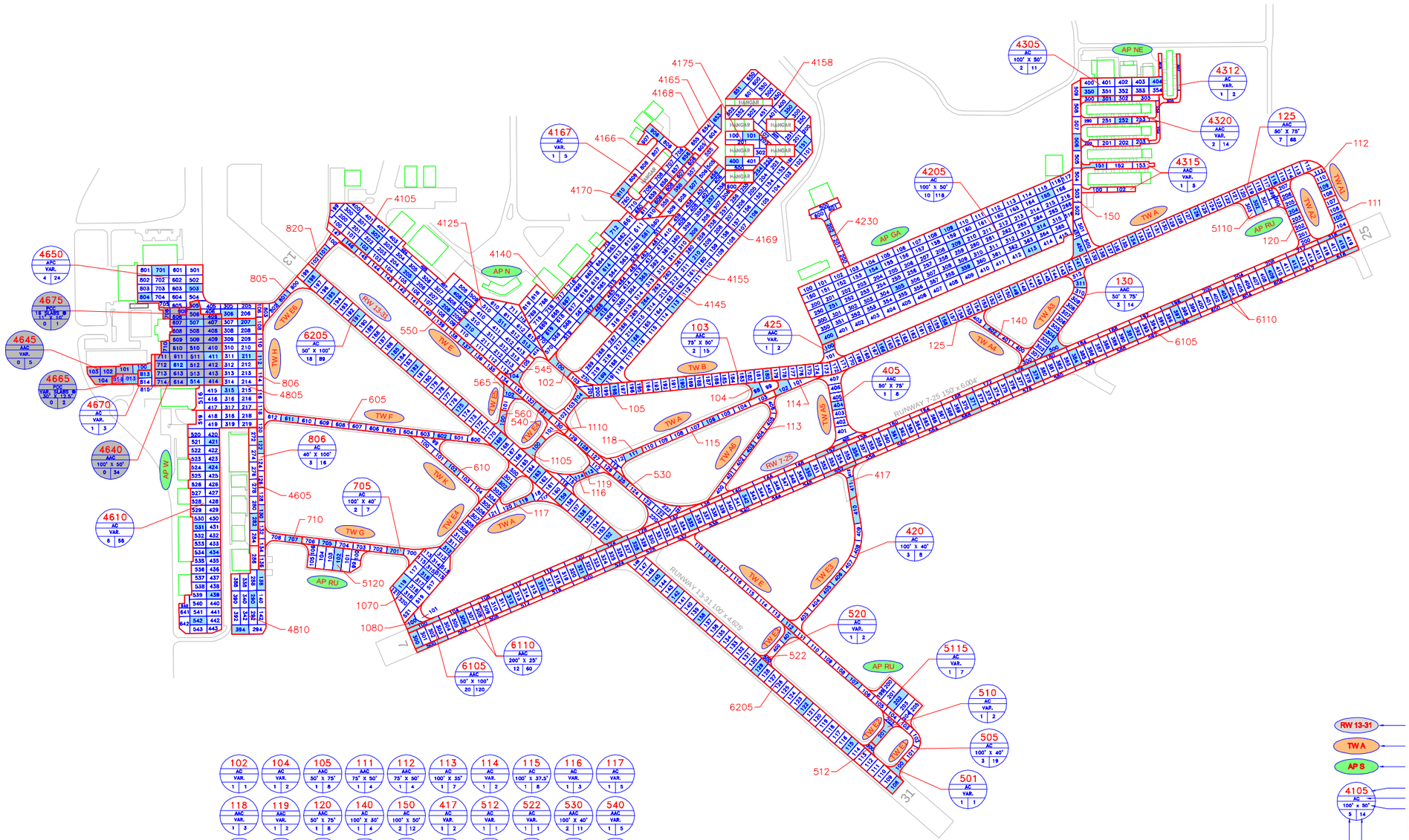
| Program Year | Network ID | Branch ID | Section ID | Surface | Area (SF) | PCI Before | Rehabilitation Type | Planning Cost |
|---|---|---|---|---|---|---|---|---|
| 2020 | ORL | AP GA | 4205 | AC | 608,614 | 48 | AC Restoration | $ 6,102,000.00 |
| 2020 | ORL | AP GA | 4230 | AC | 23,614 | 60 | AC Restoration | $ 225,000.00 |
| 2020 | ORL | AP N | 4105 | AC | 200,966 | 5 | AC Reconstruction | $ 2,513,000.00 |
| 2020 | ORL | AP N | 4125 | AC | 140,429 | 4 | AC Reconstruction | $ 1,756,000.00 |
| 2020 | ORL | AP N | 4140 | AC | 237,860 | 24 | AC Reconstruction | $ 2,974,000.00 |
| 2020 | ORL | AP N | 4145 | AC | 122,500 | 33 | AC Reconstruction | $ 1,532,000.00 |
| 2020 | ORL | AP N | 4155 | AC | 337,449 | 48 | AC Restoration | $ 3,384,000.00 |
| 2020 | ORL | AP N | 4158 | AAC | 125,584 | 4 | AC Reconstruction | $ 1,570,000.00 |
| 2020 | ORL | AP N | 4165 | AC | 27,156 | 6 | AC Reconstruction | $ 340,000.00 |
| 2020 | ORL | AP N | 4167 | AC | 28,916 | 11 | AC Reconstruction | $ 362,000.00 |
| 2020 | ORL | AP N | 4168 | PCC | 24,538 | 0 | PCC Reconstruction | $ 491,000.00 |
| 2020 | ORL | AP NE | 4305 | AC | 52,643 | 22 | AC Reconstruction | $ 659,000.00 |
| 2020 | ORL | AP NE | 4312 | AC | 8,541 | 58 | AC Restoration | $ 82,000.00 |
| 2020 | ORL | AP W | 4605 | AC | 34,600 | 63 | AC Restoration | $ 329,000.00 |
| 2020 | ORL | AP W | 4610 | AC | 260,825 | 44 | AC Restoration | $ 2,940,000.00 |
| 2020 | ORL | AP W | 4650 | AC | 115,747 | 49 | AC Restoration | $ 1,125,000.00 |
| 2020 | ORL | AP W | 4670 | AC | 10,856 | 57 | AC Restoration | $ 104,000.00 |
| 2020 | ORL | RW 7-25 | 6105 | AAC | 600,500 | 62 | AC Restoration | $ 5,705,000.00 |
| 2020 | ORL | RW 7-25 | 6110 | AAC | 300,250 | 63 | AC Restoration | $ 2,853,000.00 |
| 2020 | ORL | TW A | 104 | AC | 11,949 | 65 | AC Restoration | $ 114,000.00 |
| 2020 | ORL | TW A | 115 | AC | 31,644 | 55 | AC Restoration | $ 301,000.00 |
| 2020 | ORL | TW A | 116 | AC | 11,579 | 62 | AC Restoration | $ 111,000.00 |
| 2020 | ORL | TW A | 117 | AC | 22,912 | 61 | AC Restoration | $ 218,000.00 |
| 2020 | ORL | TW A | 150 | AC | 60,358 | 56 | AC Restoration | $ 574,000.00 |
| 2020 | ORL | TW A1 | 112 | AAC | 14,428 | 56 | AC Restoration | $ 138,000.00 |
| 2020 | ORL | TW A2 | 120 | AAC | 30,935 | 64 | AC Restoration | $ 294,000.00 |

| Program Year | Network ID | Branch ID | Section ID | Surface | Area (SF) | PCI Before | Rehabilitation Type | Planning Cost |
|---|---|---|---|---|---|---|---|---|
| 2020 | ORL | TW A4 | 140 | AC | 15,668 | 62 | AC Restoration | $ 149,000.00 |
| 2020 | ORL | TW A5 | 405 | AAC | 37,049 | 64 | AC Restoration | $ 352,000.00 |
| 2020 | ORL | TW B | 102 | AC | 6,388 | 47 | AC Restoration | $ 66,000.00 |
| 2020 | ORL | TW B | 103 | AAC | 57,000 | 54 | AC Restoration | $ 542,000.00 |
| 2020 | ORL | TW E | 505 | AC | 78,110 | 64 | AC Restoration | $ 743,000.00 |
| 2020 | ORL | TW E1 | 501 | AC | 5,073 | 49 | AC Restoration | $ 50,000.00 |
| 2020 | ORL | TW E2 | 510 | AC | 9,644 | 45 | AC Restoration | $ 105,000.00 |
| 2020 | ORL | TW E2 | 512 | AC | 2,687 | 60 | AC Restoration | $ 26,000.00 |
| 2020 | ORL | TW E3 | 417 | AC | 8,311 | 28 | AC Reconstruction | $ 104,000.00 |
| 2020 | ORL | TW E3 | 420 | AC | 36,384 | 49 | AC Restoration | $ 354,000.00 |
| 2020 | ORL | TW E3 | 520 | AC | 9,009 | 45 | AC Restoration | $ 99,000.00 |
| 2020 | ORL | TW E3 | 522 | AC | 2,133 | 47 | AC Restoration | $ 22,000.00 |
| 2020 | ORL | TW E4 | 1070 | AAC | 130,837 | 49 | AC Restoration | $ 1,278,000.00 |
| 2020 | ORL | TW E4 | 1080 | AAC | 8,393 | 55 | AC Restoration | $ 80,000.00 |
| 2020 | ORL | TW E5 | 560 | AC | 5,540 | 64 | AC Restoration | $ 53,000.00 |
| 2020 | ORL | TW F | 605 | AC | 54,815 | 44 | AC Restoration | $ 613,000.00 |
| 2020 | ORL | TW G | 705 | AC | 30,099 | 53 | AC Restoration | $ 286,000.00 |
| 2020 | ORL | TW G | 710 | AC | 9,812 | 54 | AC Restoration | $ 94,000.00 |
| 2020 | ORL | TW H | 806 | AC | 62,452 | 51 | AC Restoration | $ 594,000.00 |
| 2021 | ORL | AP N | 4170 | AC | 84,878 | 64 | AC Restoration | $ 807,000.00 |
| 2021 | ORL | AP W SEGM | 4805 | AAC | 129,830 | 63 | AC Restoration | $ 1,234,000.00 |
| 2021 | ORL | TW E6 | 805 | AC | 17,742 | 64 | AC Restoration | $ 169,000.00 |
| 2022 | ORL | RW 13-31 | 6205 | AC | 445,836 | 64 | AC Restoration | $ 4,236,000.00 |
| 2022 | ORL | TW A | 125 | AAC | 257,040 | 64 | AC Restoration | $ 2,442,000.00 |
| 2022 | ORL | TW A3 | 130 | AAC | 56,163 | 64 | AC Restoration | $ 534,000.00 |
| 2024 | ORL | TW E4 | 1105 | AC | 6,580 | 64 | AC Restoration | $ 63,000.00 |
| 2024 | ORL | TW K | 610 | AC | 27,266 | 64 | AC Restoration | $ 260,000.00 |

| Program Year | Network ID | Branch ID | Section ID | Surface | Area (SF) | PCI Before | Rehabilitation Type | Planning Cost |
|---|---|---|---|---|---|---|---|---|
| **2025** | **ORL** | AP NE | 4315 | AAC | 24,518 | 64 | AC Restoration | $ 233,000.00 |
| **2025** | **ORL** | AP NE | 4320 | AAC | 53,040 | 64 | AC Restoration | $ 504,000.00 |
| **2025** | **ORL** | AP W SEGM | 4810 | AAC | 79,530 | 64 | AC Restoration | $ 756,000.00 |
| **2025** | **ORL** | TW A6 | 113 | AC | 26,953 | 64 | AC Restoration | $ 257,000.00 |
| **2026** | **ORL** | AP RU | 5110 | AC | 25,880 | 64 | AC Restoration | $ 246,000.00 |
| **2026** | **ORL** | AP RU | 5115 | AC | 36,282 | 63 | AC Restoration | $ 345,000.00 |
| **2026** | **ORL** | AP RU | 5120 | AC | 41,840 | 64 | AC Restoration | $ 398,000.00 |
| **2026** | **ORL** | TW A5 | 425 | AAC | 9,443 | 64 | AC Restoration | $ 90,000.00 |
| **2027** | **ORL** | AP N | 4175 | AC | 42,594 | 64 | AC Restoration | $ 405,000.00 |

# Appendix C

## Technical Exhibits




## LEGEND

- RW 13-31 — TYPICAL RUNWAY BRANCH ID
- TW A — TYPICAL TAXIWAY BRANCH ID
- AP S — TYPICAL APRON BRANCH ID
- 4105 (AC, 100' x 50', 5 | 14) — SECTION NUMBER; PAVEMENT TYPE; TYPICAL SAMPLE UNIT INFORMATION; FLEXIBLE (AC) PAVEMENT LENGTH & WIDTH; RIGID (PCC) PAVEMENT NO. OF SLABS AND SLAB SIZE; NUMBER OF SAMPLE UNITS IN SECTION; NUMBER OF SAMPLE UNITS TO BE INSPECTED
- 605 (AC, 100' x 50', VAR., 0 | 8) — SECTION NOT INSPECTED DUE TO RECENT CONSTRUCTION. SEE SYSTEM INVENTORY MAP FOR CONSTRUCTION DATES.
- 100 — INSPECTED SAMPLE UNITS. GPS COORDINATES ARE AT THE CENTROID OF THE SAMPLE UNIT.

TOTAL SAMPLES INSPECTED = 195
AC: 194 PCC: 1

RUNWAY LENGTHS DEPICTED IN THIS DRAWING ARE FOR PAVEMENT MANAGEMENT PURPOSES ONLY AND MAY NOT MATCH PUBLISHED RUNWAY LENGTHS.

# Statewide Airfield Pavement Management Program

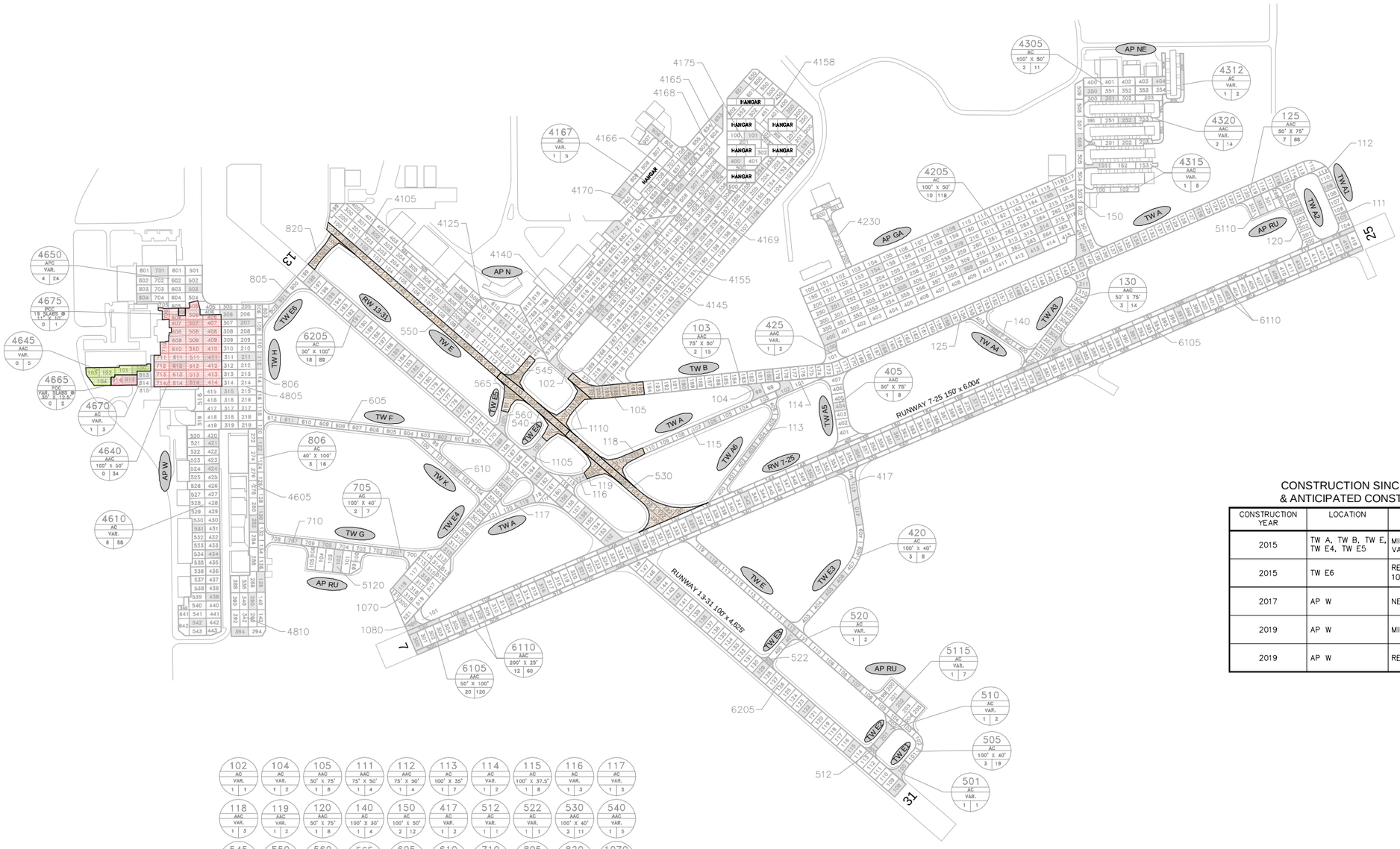
Airport Pavement Evaluation Report

**2019**

## 001 - AIRFIELD PAVEMENT NETWORK DEFINITION EXHIBIT

ORLANDO EXECUTIVE AIRPORT - ORL

FDOT




## CONSTRUCTION SINCE LAST INSPECTION & ANTICIPATED CONSTRUCTION ACTIVITY

| CONSTRUCTION YEAR | LOCATION | WORK TYPE / PAVEMENT SECTION |
|---|---|---|
| 2015 | TW A, TW B, TW E, TW E4, TW E5 | MILL AND OVERLAY / 2" MILL AND VARIABLE OVERLAY P-401SP |
| 2015 | TW E6 | RECONSTRUCTION – AC / 4" P-401, 10" P-219, COMPACTED SUBGRADE |
| 2017 | AP W | NEW CONSTRUCTION – AC |
| 2019 | AP W | MILL AND OVERLAY |
| 2019 | AP W | RECONSTRUCTION – PCC |

## LEGEND

- PROJECTS YEAR 2013
- PROJECTS YEAR 2014
- PROJECTS YEAR 2015
- PROJECTS YEAR 2016
- PROJECTS YEAR 2017
- PROJECTS YEAR 2018
- PROJECTS YEAR 2019
- PROJECTS YEAR 2020
- PROJECTS YEAR 2021
- PROJECTS YEAR 2022

RUNWAY LENGTHS DEPICTED IN THIS DRAWING ARE FOR PAVEMENT MANAGEMENT PURPOSES ONLY AND MAY NOT MATCH PUBLISHED RUNWAY LENGTHS.

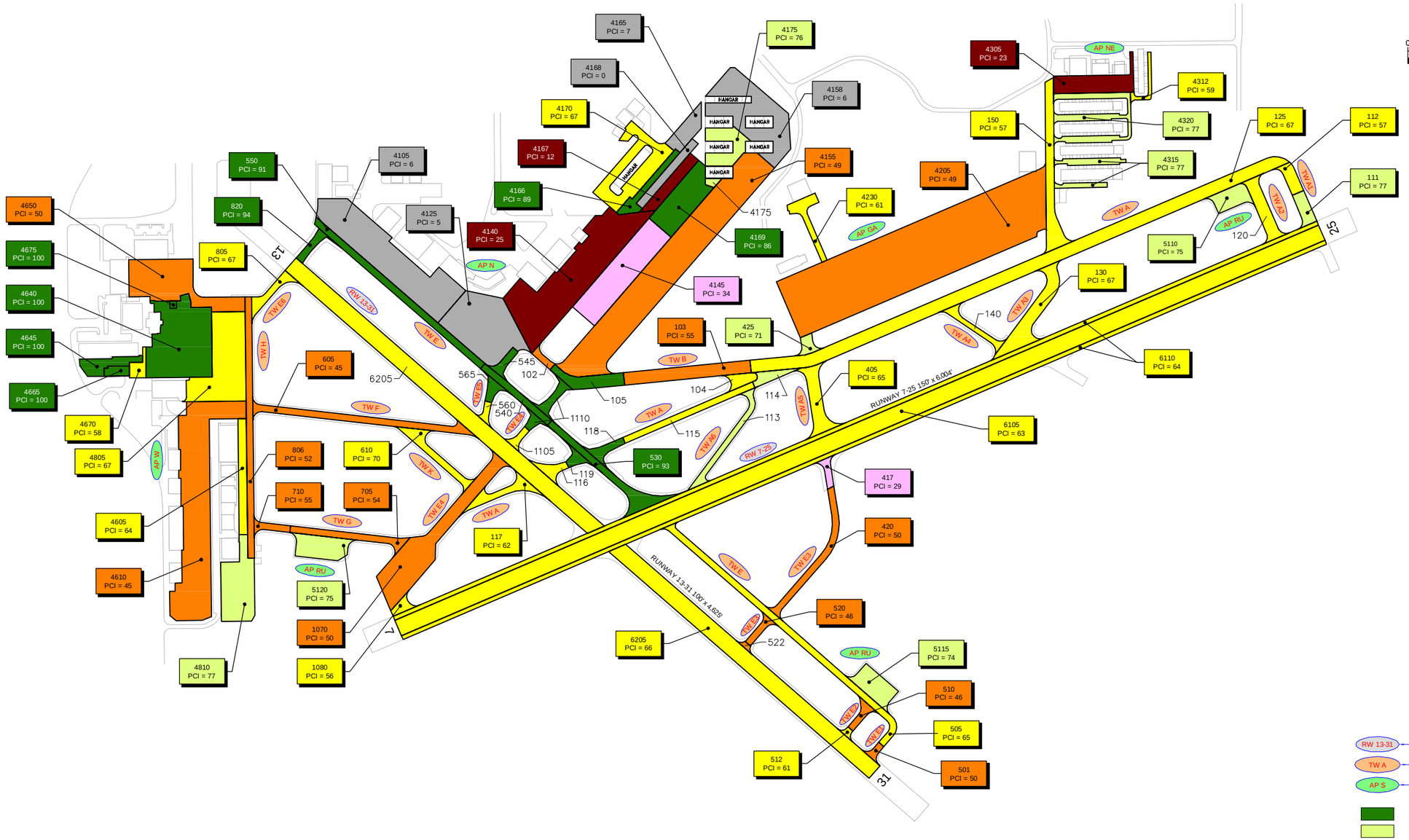
002 - AIRFIELD PAVEMENT
SYSTEM INVENTORY EXHIBIT

Airport Pavement Evaluation Report
2019

Statewide Airfield Pavement Management Program

ORLANDO EXECUTIVE AIRPORT - ORL

FDOT




| | | | | | |
|---|---|---|---|---|---|
| 102 PCI = 48 | 104 PCI = 66 | 105 PCI = 87 | 113 PCI = 72 | 114 PCI = 78 | 115 PCI = 56 |
| 116 PCI = 63 | 118 PCI = 94 | 119 PCI = 89 | 120 PCI = 65 | 140 PCI = 63 | 522 PCI = 48 |
| 540 PCI = 94 | 545 PCI = 88 | 560 PCI = 65 | 565 PCI = 94 | 1105 PCI = 70 | 1110 PCI = 94 |

## LEGEND

- RW 13-31 — TYPICAL RUNWAY BRANCH ID
- TW A — TYPICAL TAXIWAY BRANCH ID
- AP S — TYPICAL APRON BRANCH ID

- PCI 86–100 GOOD
- PCI 71–85 SATISFACTORY
- PCI 56–70 FAIR
- PCI 41–55 POOR
- PCI 26–40 VERY POOR
- PCI 11–25 SERIOUS
- PCI 0–10 FAILED

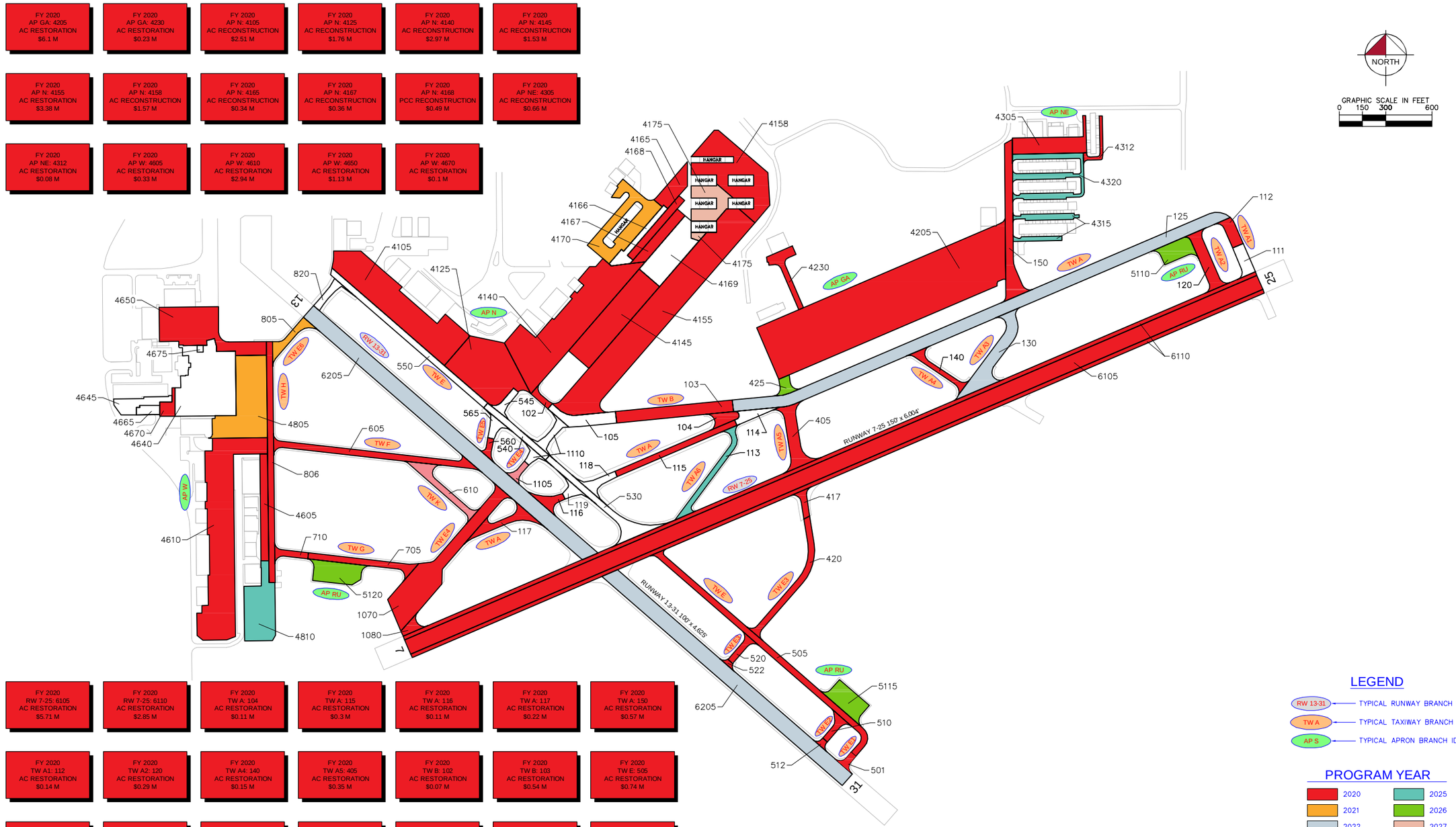
"SECTION NO." "PCI NO."

RUNWAY LENGTHS DEPICTED IN THIS DRAWING ARE FOR PAVEMENT MANAGEMENT PURPOSES ONLY AND MAY NOT MATCH PUBLISHED RUNWAY LENGTHS.

003 - AIRFIELD PAVEMENT
CONDITION INDEX EXHIBIT

Statewide Airfield Pavement Management Program
Airport Pavement Evaluation Report
2019
ORLANDO EXECUTIVE AIRPORT - ORL

FDOT




FY 2020
AP GA: 4205
AC RESTORATION
$6.1 M

FY 2020
AP GA: 4230
AC RESTORATION
$0.23 M

FY 2020
AP N: 4105
AC RECONSTRUCTION
$2.51 M

FY 2020
AP N: 4125
AC RECONSTRUCTION
$1.76 M

FY 2020
AP N: 4140
AC RECONSTRUCTION
$2.97 M

FY 2020
AP N: 4145
AC RECONSTRUCTION
$1.53 M

FY 2020
AP N: 4155
AC RESTORATION
$3.38 M

FY 2020
AP N: 4158
AC RECONSTRUCTION
$1.57 M

FY 2020
AP N: 4165
AC RECONSTRUCTION
$0.34 M

FY 2020
AP N: 4167
AC RECONSTRUCTION
$0.36 M

FY 2020
AP N: 4168
PCC RECONSTRUCTION
$0.49 M

FY 2020
AP NE: 4305
AC RECONSTRUCTION
$0.66 M

FY 2020
AP NE: 4312
AC RESTORATION
$0.08 M

FY 2020
AP W: 4605
AC RESTORATION
$0.33 M

FY 2020
AP W: 4610
AC RESTORATION
$2.94 M

FY 2020
AP W: 4650
AC RESTORATION
$1.13 M

FY 2020
AP W: 4670
AC RESTORATION
$0.1 M

FY 2020
RW 7-25: 6105
AC RESTORATION
$5.71 M

FY 2020
RW 7-25: 6110
AC RESTORATION
$2.85 M

FY 2020
TW A: 104
AC RESTORATION
$0.11 M

FY 2020
TW A: 115
AC RESTORATION
$0.3 M

FY 2020
TW A: 116
AC RESTORATION
$0.11 M

FY 2020
TW A: 117
AC RESTORATION
$0.22 M

FY 2020
TW A: 150
AC RESTORATION
$0.57 M

FY 2020
TW A1: 112
AC RESTORATION
$0.14 M

FY 2020
TW A2: 120
AC RESTORATION
$0.29 M

FY 2020
TW A4: 140
AC RESTORATION
$0.15 M

FY 2020
TW A5: 405
AC RESTORATION
$0.35 M

FY 2020
TW B: 102
AC RESTORATION
$0.07 M

FY 2020
TW B: 103
AC RESTORATION
$0.54 M

FY 2020
TW E: 505
AC RESTORATION
$0.74 M

FY 2020
TW E1: 501
AC RESTORATION
$0.05 M

FY 2020
TW E2: 510
AC RESTORATION
$0.11 M

FY 2020
TW E2: 512
AC RESTORATION
$0.03 M

FY 2020
TW E3: 417
AC RECONSTRUCTION
$0.1 M

FY 2020
TW E3: 420
AC RESTORATION
$0.35 M

FY 2020
TW E3: 520
AC RESTORATION
$0.1 M

FY 2020
TW E3: 522
AC RESTORATION
$0.02 M

FY 2020
TW E4: 1070
AC RESTORATION
$1.28 M

FY 2020
TW E4: 1080
AC RESTORATION
$0.08 M

FY 2020
TW E5: 560
AC RESTORATION
$0.05 M

FY 2020
TW F: 605
AC RESTORATION
$0.61 M

FY 2020
TW G: 705
AC RESTORATION
$0.29 M

FY 2020
TW G: 710
AC RESTORATION
$0.09 M

FY 2020
TW H: 806
AC RESTORATION
$0.59 M

FY 2021
AP N: 4170
AC RESTORATION
$0.81 M

FY 2021
AP W SEGM: 4805
AC RESTORATION
$1.23 M

FY 2021
TW E6: 805
AC RESTORATION
$0.17 M

FY 2022
RW 13-31: 6205
AC RESTORATION
$4.24 M

FY 2022
TW A: 125
AC RESTORATION
$2.44 M

FY 2022
TW A3: 130
AC RESTORATION
$0.53 M

FY 2024
TW E4: 1105
AC RESTORATION
$0.06 M

FY 2024
TW K: 610
AC RESTORATION
$0.26 M

FY 2025
AP NE: 4315
AC RESTORATION
$0.23 M

FY 2025
AP NE: 4320
AC RESTORATION
$0.5 M

FY 2025
AP W SEGM: 4810
AC RESTORATION
$0.76 M

FY 2025
TW A6: 113
AC RESTORATION
$0.26 M

FY 2026
AP RU: 5110
AC RESTORATION
$0.25 M

FY 2026
AP RU: 5115
AC RESTORATION
$0.35 M

FY 2026
AP RU: 5120
AC RESTORATION
$0.4 M

FY 2026
TW A5: 425
AC RESTORATION
$0.09 M

FY 2027
AP N: 4175
AC RESTORATION
$0.41 M

## LEGEND

RW 13-31 — TYPICAL RUNWAY BRANCH ID

TW A — TYPICAL TAXIWAY BRANCH ID

AP S — TYPICAL APRON BRANCH ID

## PROGRAM YEAR

| | |
|---|---|
| 2020 | 2025 |
| 2021 | 2026 |
| 2022 | 2027 |
| 2023 | 2028 |
| 2024 | 2029 |

"PROGRAM YEAR"
"BRANCH":"SECTION"
"REHAB ACTIVITY"
"EST. COST"

RUNWAY LENGTHS DEPICTED IN THIS DRAWING ARE FOR PAVEMENT MANAGEMENT PURPOSES ONLY AND MAY NOT MATCH PUBLISHED RUNWAY LENGTHS.

004 - AIRFIELD PAVEMENT
MAJOR REHABILITATION EXHIBIT

Airport Pavement Evaluation Report
2019

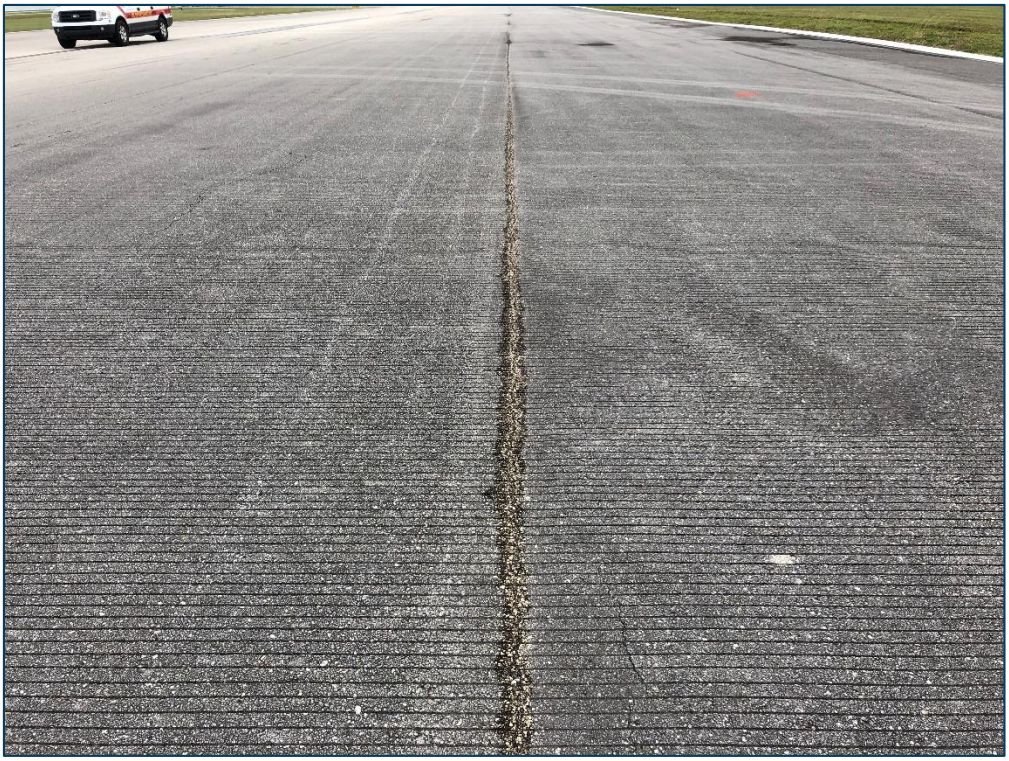
Statewide Airfield Pavement Management Program

ORLANDO EXECUTIVE AIRPORT - ORL

FDOT

# Appendix D

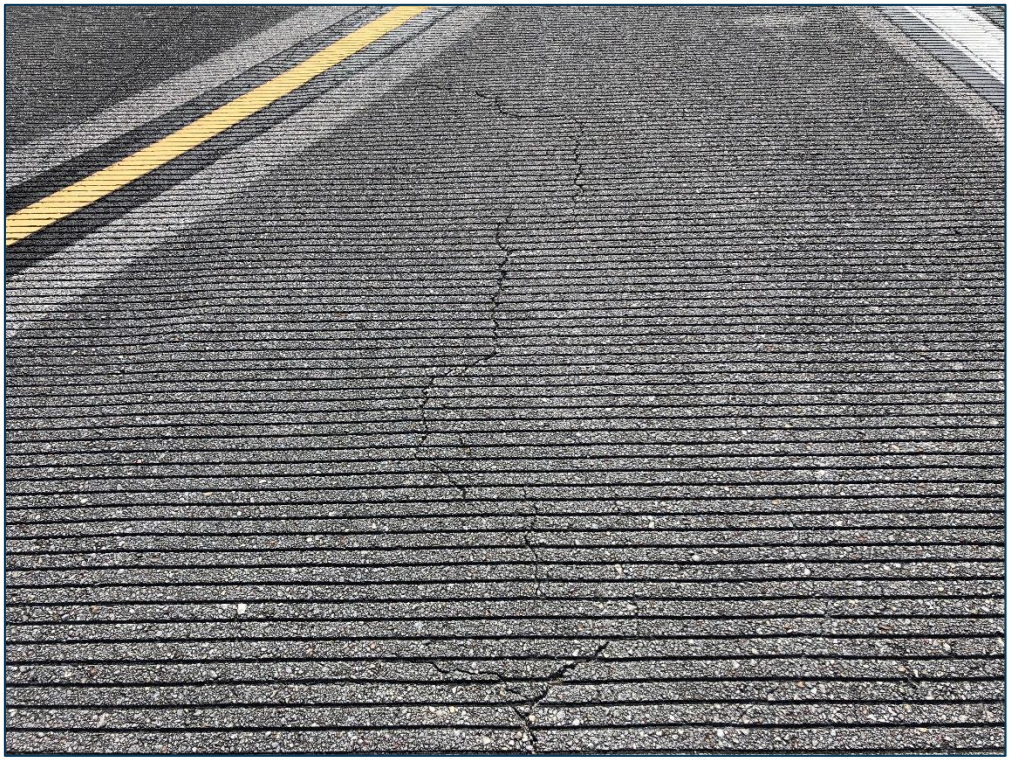
## Inspection Photograph Documentation



RW 7-25, Section 6105, Sample Unit 361 - Medium Severity (48) Longitudinal & Transverse Cracking, Low Severity (52) Raveling, Low Severity (56) Swelling, and Low Severity (57) Weathering

RW 7-25, Section 6105, Sample Unit 403 - Low Severity (48) Longitudinal & Transverse Cracking, Medium Severity (48) Longitudinal & Transverse Cracking, Low Severity (52) Raveling, and Low Severity (57) Weathering

RW 13-31, Section 6205, Sample Unit 156 – Low Severity (52) Raveling, Medium Severity (56) Swelling, and Low Severity (57) Weathering



RW 13-31, Section 6205, Sample Unit 159 - Low Severity (48) Longitudinal & Transverse Cracking, Low Severity (52) Raveling, and Low Severity (57) Weathering

TWA, Section 125, Sample Unit 166 - Low Severity (48) Longitudinal & Transverse Cracking, Low Severity (52) Raveling, Low Severity (56) Swelling, and Low Severity (57) Weathering

TWE, Section 505, Sample Unit 112 - Medium Severity (48) Longitudinal & Transverse Cracking, and Low Severity (52) Raveling

TW E3, Section 420, Sample Unit 405 - Medium Severity (45) Depression, Medium Severity (48) Longitudinal & Transverse Cracking, and Low Severity (52) Raveling

TW F, Section 605, Sample Unit 611 - Low Severity (43) Block Cracking, and Low Severity (52) Raveling.

AP GA, Section 4205, Sample Unit 109 - Medium Severity (43) Block Cracking, Low Severity (52) Raveling, and Low Severity (56) Swelling

AP N, Section 4125, Sample Unit 513 - Medium Severity (43) Block Cracking and Medium Severity (52) Raveling

AP N, Section 4125, Sample Unit 210 - Medium Severity (41) Alligator Cracking, Medium Severity (52) Raveling, and Medium Severity (53) Rutting

AP W, Section 4610, Sample Unit 531 - Medium Severity (43) Block Cracking, Low Severity (52) Raveling, and Low Severity (56) Swelling

# Appendix E

## Inspection Distress Details

# Re-Inspection Report

**FDOT**

**Generated Date** 9/19/2019



**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP GA **Name:** GA APRON **Use:** APRON **Area:** 632,228 SqFt

**Section:** 4205 of 2 **From:** - **To:** - **Last Const.:** 1/1/1984

**Surface:** AC **Family:** C9N59-RL-AP-AC **Zone:** **Category:** **Rank:** P

**Area:** 608,614 SqFt **Length:** 1,675 Ft **Width:** 364 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1984 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Work Date:** 4/1/2007 **Work Type:** Surface Treatment - Slurry Seal **Code:** ST-SS **Is Major M&R:** False

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 118 **Surveyed:** 10

**Conditions:** **PCI:** 49

**Inspection Comments:**

**Sample Number:** 109 **Type:** R **Area:** 5000.00 SqFt **PCI:** 40

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 56 | SWELLING | L | 50.00 | SqFt |
| 52 | RAVELING | L | 5000.00 | SqFt |
| 43 | BLOCK CR | L | 3250.00 | SqFt |
| 43 | BLOCK CR | M | 1750.00 | SqFt |

**Sample Number:** 154 **Type:** R **Area:** 5000.00 SqFt **PCI:** 47

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CR | L | 4500.00 | SqFt |
| 52 | RAVELING | L | 5000.00 | SqFt |
| 43 | BLOCK CR | M | 500.00 | SqFt |

**Sample Number:** 165 **Type:** R **Area:** 5000.00 SqFt **PCI:** 51

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 5000.00 | SqFt |
| 43 | BLOCK CR | M | 150.00 | SqFt |
| 43 | BLOCK CR | L | 4850.00 | SqFt |

**Sample Number:** 209 **Type:** R **Area:** 5000.00 SqFt **PCI:** 41

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | M | 250.00 | SqFt |
| 43 | BLOCK CR | L | 4500.00 | SqFt |
| 43 | BLOCK CR | M | 500.00 | SqFt |
| 52 | RAVELING | L | 4750.00 | SqFt |
| 56 | SWELLING | L | 100.00 | SqFt |

**Sample Number:** 251 **Type:** R **Area:** 5000.00 SqFt **PCI:** 47

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CR | L | 4500.00 | SqFt |
| 52 | RAVELING | L | 3000.00 | SqFt |
| 56 | SWELLING | L | 100.00 | SqFt |
| 43 | BLOCK CR | M | 500.00 | SqFt |

**Sample Number:** 305 **Type:** R **Area:** 5000.00 SqFt **PCI:** 51

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | M | 775.00 | Ft |
| 52 | RAVELING | L | 5000.00 | SqFt |

**Sample Number:** 314 **Type:** R **Area:** 5000.00 SqFt **PCI:** 47

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CR | L | 4800.00 | SqFt |
| 52 | RAVELING | L | 5000.00 | SqFt |

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CR | M | 200.00 | SqFt |
| 56 | SWELLING | L | 270.00 | SqFt |

**Sample Number:** 359 **Type:** R **Area:** 5000.00 SqFt **PCI:** 56

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CR | L | 4640.00 | SqFt |
| 52 | RAVELING | L | 5000.00 | SqFt |
| 48 | L & T CR | L | 38.00 | Ft |

**Sample Number:** 400 **Type:** R **Area:** 6400.00 SqFt **PCI:** 52

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CR | M | 320.00 | SqFt |
| 56 | SWELLING | L | 25.00 | SqFt |
| 43 | BLOCK CR | L | 6080.00 | SqFt |
| 52 | RAVELING | L | 3500.00 | SqFt |

**Sample Number:** 413 **Type:** R **Area:** 6400.00 SqFt **PCI:** 52

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | M | 320.00 | SqFt |
| 52 | RAVELING | L | 6080.00 | SqFt |
| 43 | BLOCK CR | L | 6400.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP GA **Name:** GA APRON **Use:** APRON **Area:** 632,228 SqFt

**Section:** 4230 of 2 **From:** - **To:** - **Last Const.:** 12/25/1999

**Surface:** AC **Family:** C9N59-RL-AP-AC **Zone:** **Category:** **Rank:** P

**Area:** 23,614 SqFt **Length:** 1,129 Ft **Width:** 50 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 12/25/1999 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

**Work Date:** 4/1/2007 **Work Type:** Surface Treatment - Slurry Seal **Code:** ST-SS **Is Major M&R:** False

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 6 **Surveyed:** 1

**Conditions:** **PCI:** 61

**Inspection Comments:**

**Sample Number:** 202 **Type:** R **Area:** 3501.00 SqFt **PCI:** 61

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 2000.00 | SqFt |
| 48 | L & T CR | L | 161.00 | Ft |
| 43 | BLOCK CR | L | 1750.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP N **Name:** NORTH APRON **Use:** APRON **Area:** 1,468,444 SqFt

**Section:** 4105 of 13 **From:** - **To:** - **Last Const.:** 1/1/1979

**Surface:** AC **Family:** C9N59-RL-AP-AC **Zone:** **Category:** **Rank:** T

**Area:** 200,966 SqFt **Length:** 500 Ft **Width:** 370 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1979 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Work Date:** 1/1/1984 **Work Type:** REPAIR **Code:** IMPORTED **Is Major M&R:** False

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 42 **Surveyed:** 5

**Conditions:** **PCI:** 6

**Inspection Comments:**

**Sample Number:** 102 **Type:** R **Area:** 5000.00 SqFt **PCI:** 8

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | M | 4372.00 | SqFt |
| 43 | BLOCK CR | H | 4372.00 | SqFt |
| 56 | SWELLING | L | 200.00 | SqFt |
| 50 | PATCHING | M | 550.00 | SqFt |
| 50 | PATCHING | L | 78.00 | SqFt |

**Sample Number:** 205 **Type:** R **Area:** 5000.00 SqFt **PCI:** 5

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CR | H | 5000.00 | SqFt |
| 52 | RAVELING | H | 5000.00 | SqFt |

**Sample Number:** 208 **Type:** R **Area:** 5000.00 SqFt **PCI:** 4

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 53 | RUTTING | M | 294.00 | SqFt |
| 50 | PATCHING | M | 4.00 | SqFt |
| 53 | RUTTING | L | 406.00 | SqFt |
| 43 | BLOCK CR | M | 4832.00 | SqFt |
| 52 | RAVELING | H | 4996.00 | SqFt |
| 41 | ALLIGATOR CR | L | 164.00 | SqFt |

**Sample Number:** 302 **Type:** R **Area:** 5000.00 SqFt **PCI:** 5

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CR | H | 5000.00 | SqFt |
| 52 | RAVELING | H | 1000.00 | SqFt |
| 52 | RAVELING | M | 4000.00 | SqFt |

**Sample Number:** 408 **Type:** R **Area:** 5000.00 SqFt **PCI:** 8

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | M | 5000.00 | SqFt |
| 41 | ALLIGATOR CR | L | 35.00 | SqFt |
| 43 | BLOCK CR | H | 4965.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP N **Name:** NORTH APRON **Use:** APRON **Area:** 1,468,444 SqFt

**Section:** 4125 of 13 **From:** - **To:** - **Last Const.:** 1/1/1978

**Surface:** AC **Family:** C9N59-RL-AP-AC **Zone:** **Category:** **Rank:** P

**Area:** 140,429 SqFt **Length:** 400 Ft **Width:** 350 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1978 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Work Date:** 1/1/1984 **Work Type:** REPAIR **Code:** IMPORTED **Is Major M&R:** False

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 27 **Surveyed:** 3

**Conditions:** **PCI:** 5

**Inspection Comments:**

**Sample Number:** 210 **Type:** R **Area:** 6750.00 SqFt **PCI:** 1

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 53 | RUTTING | L | 665.00 | SqFt |
| 52 | RAVELING | M | 6750.00 | SqFt |
| 41 | ALLIGATOR CR | M | 325.00 | SqFt |
| 53 | RUTTING | M | 280.00 | SqFt |
| 43 | BLOCK CR | H | 6425.00 | SqFt |

**Sample Number:** 511 **Type:** R **Area:** 5000.00 SqFt **PCI:** 8

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | M | 4500.00 | SqFt |
| 52 | RAVELING | H | 500.00 | SqFt |
| 43 | BLOCK CR | H | 500.00 | SqFt |
| 43 | BLOCK CR | M | 4500.00 | SqFt |

**Sample Number:** 513 **Type:** R **Area:** 5000.00 SqFt **PCI:** 8

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CR | H | 500.00 | SqFt |
| 43 | BLOCK CR | M | 4500.00 | SqFt |
| 52 | RAVELING | H | 500.00 | SqFt |
| 52 | RAVELING | M | 4500.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP N **Name:** NORTH APRON **Use:** APRON **Area:** 1,468,444 SqFt

**Section:** 4140 of 13 **From:** - **To:** - **Last Const.:** 1/1/1979

**Surface:** AC **Family:** C9N59-RL-AP-AC **Zone:** **Category:** **Rank:** P

**Area:** 237,860 SqFt **Length:** 1,000 Ft **Width:** 200 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

| | | | |
|---|---|---|---|
| **Work Date:** 1/1/1979 | **Work Type:** BUILT | **Code:** IMPORTED | **Is Major M&R:** True |
| **Work Date:** 1/1/1984 | **Work Type:** REPAIR | **Code:** IMPORTED | **Is Major M&R:** False |
| **Work Date:** 8/1/2012 | **Work Type:** Surface Treatment - Seal Coat | **Code:** ST-SC | **Is Major M&R:** False |

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 46 **Surveyed:** 6

**Conditions:** **PCI:** 25

**Inspection Comments:**

**Sample Number:** 517 **Type:** R **Area:** 5600.00 SqFt **PCI:** 19

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 113.00 | Ft |
| 43 | BLOCK CR | L | 492.00 | SqFt |
| 43 | BLOCK CR | M | 3360.00 | SqFt |
| 52 | RAVELING | H | 5600.00 | SqFt |

**Sample Number:** 561 **Type:** R **Area:** 5000.00 SqFt **PCI:** 29

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | M | 2500.00 | SqFt |
| 52 | RAVELING | L | 2500.00 | SqFt |
| 43 | BLOCK CR | M | 5000.00 | SqFt |

**Sample Number:** 614 **Type:** R **Area:** 5000.00 SqFt **PCI:** 22

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CR | M | 5000.00 | SqFt |
| 52 | RAVELING | M | 5000.00 | SqFt |
| 56 | SWELLING | L | 200.00 | SqFt |

**Sample Number:** 619 **Type:** R **Area:** 5000.00 SqFt **PCI:** 29

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 2500.00 | SqFt |
| 52 | RAVELING | M | 2500.00 | SqFt |
| 43 | BLOCK CR | M | 5000.00 | SqFt |

**Sample Number:** 667 **Type:** R **Area:** 5000.00 SqFt **PCI:** 29

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CR | M | 5000.00 | SqFt |
| 52 | RAVELING | M | 2500.00 | SqFt |
| 52 | RAVELING | L | 2500.00 | SqFt |

**Sample Number:** 712 **Type:** R **Area:** 7183.00 SqFt **PCI:** 22

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CR | M | 7183.00 | SqFt |
| 52 | RAVELING | M | 7183.00 | SqFt |
| 56 | SWELLING | L | 718.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP N **Name:** NORTH APRON **Use:** APRON **Area:** 1,468,444 SqFt

**Section:** 4145 of 13 **From:** - **To:** - **Last Const.:** 1/1/1968

**Surface:** AC **Family:** C9N59-RL-AP-AC **Zone:** **Category:** **Rank:** P

**Area:** 122,500 SqFt **Length:** 700 Ft **Width:** 200 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

| | | | |
|---|---|---|---|
| **Work Date:** 1/1/1968 | **Work Type:** BUILT | **Code:** IMPORTED | **Is Major M&R:** True |
| **Work Date:** 1/1/1984 | **Work Type:** REPAIR | **Code:** IMPORTED | **Is Major M&R:** False |
| **Work Date:** 8/1/2012 | **Work Type:** Surface Treatment - Seal Coat | **Code:** ST-SC | **Is Major M&R:** False |

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 27 **Surveyed:** 3

**Conditions:** **PCI:** 34

**Inspection Comments:**

**Sample Number:** 363 **Type:** R **Area:** 5000.00 SqFt **PCI:** 31

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | H | 20.00 | SqFt |
| 48 | L & T CR | L | 166.00 | Ft |
| 50 | PATCHING | M | 504.00 | SqFt |
| 52 | RAVELING | M | 4476.00 | SqFt |

**Sample Number:** 416 **Type:** R **Area:** 4204.00 SqFt **PCI:** 38

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | M | 4204.00 | SqFt |
| 48 | L & T CR | L | 108.00 | Ft |

**Sample Number:** 466 **Type:** R **Area:** 4204.00 SqFt **PCI:** 33

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 55.00 | Ft |
| 43 | BLOCK CR | L | 1700.00 | SqFt |
| 52 | RAVELING | M | 4204.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP N **Name:** NORTH APRON **Use:** APRON **Area:** 1,468,444 SqFt

**Section:** 4155 of 13 **From:** - **To:** - **Last Const.:** 1/1/1984

**Surface:** AC **Family:** C9N59-RL-AP-AC **Zone:** **Category:** **Rank:** P

**Area:** 337,449 SqFt **Length:** 3,985 Ft **Width:** 200 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1984 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Work Date:** 8/1/2012 **Work Type:** Surface Treatment - Seal Coat **Code:** ST-SC **Is Major M&R:** False

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 69 **Surveyed:** 7

**Conditions:** **PCI:** 49

**Inspection Comments:**

**Sample Number:** 106 **Type:** R **Area:** 5000.00 SqFt **PCI:** 59

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CR | L | 5000.00 | SqFt |
| 52 | RAVELING | L | 5000.00 | SqFt |

**Sample Number:** 113 **Type:** R **Area:** 5000.00 SqFt **PCI:** 54

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CR | M | 50.00 | SqFt |
| 52 | RAVELING | L | 5000.00 | SqFt |
| 43 | BLOCK CR | L | 4950.00 | SqFt |

**Sample Number:** 166 **Type:** R **Area:** 5000.00 SqFt **PCI:** 33

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | M | 5000.00 | SqFt |
| 48 | L & T CR | L | 499.00 | Ft |
| 43 | BLOCK CR | L | 400.00 | SqFt |

**Sample Number:** 169 **Type:** R **Area:** 4961.00 SqFt **PCI:** 33

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CR | L | 1422.00 | SqFt |
| 48 | L & T CR | L | 268.00 | Ft |
| 52 | RAVELING | M | 4961.00 | SqFt |

**Sample Number:** 210 **Type:** R **Area:** 5000.00 SqFt **PCI:** 59

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 5000.00 | SqFt |
| 43 | BLOCK CR | L | 5000.00 | SqFt |

**Sample Number:** 254 **Type:** R **Area:** 3699.00 SqFt **PCI:** 42

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 3699.00 | SqFt |
| 43 | BLOCK CR | M | 3699.00 | SqFt |

**Sample Number:** 264 **Type:** R **Area:** 4700.00 SqFt **PCI:** 59

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 4700.00 | SqFt |
| 43 | BLOCK CR | L | 4700.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP N **Name:** NORTH APRON **Use:** APRON **Area:** 1,468,444 SqFt

**Section:** 4158 of 13 **From:** - **To:** - **Last Const.:** 1/1/2002

**Surface:** AAC **Family:** C9N59-RL-AP-AAC-APC **Zone:** **Category:** **Rank:** P

**Area:** 125,584 SqFt **Length:** 580 Ft **Width:** 215 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1984 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

**Work Date:** 1/1/2002 **Work Type:** MILL and OVERLAY **Code:** ML-OV **Is Major M&R:** True

**Work Date:** 8/1/2012 **Work Type:** Surface Treatment - Seal Coat **Code:** ST-SC **Is Major M&R:** False

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 25 **Surveyed:** 3

**Conditions:** **PCI:** 6

**Inspection Comments:**

**Sample Number:** 151 **Type:** R **Area:** 4995.00 SqFt **PCI:** 5

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CR | H | 4995.00 | SqFt |
| 52 | RAVELING | H | 1499.00 | SqFt |
| 52 | RAVELING | M | 3496.00 | SqFt |

**Sample Number:** 350 **Type:** R **Area:** 5000.00 SqFt **PCI:** 5

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CR | H | 5000.00 | SqFt |
| 52 | RAVELING | H | 500.00 | SqFt |
| 52 | RAVELING | M | 4500.00 | SqFt |

**Sample Number:** 651 **Type:** R **Area:** 5472.00 SqFt **PCI:** 8

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CR | H | 5472.00 | SqFt |
| 45 | DEPRESSION | L | 204.00 | SqFt |
| 52 | RAVELING | M | 5472.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP N **Name:** NORTH APRON **Use:** APRON **Area:** 1,468,444 SqFt

**Section:** 4165 of 13 **From:** - **To:** - **Last Const.:** 1/1/1984

**Surface:** AC **Family:** C9N59-RL-AP-AC **Zone:** **Category:** **Rank:** P

**Area:** 27,156 SqFt **Length:** 270 Ft **Width:** 100 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1984 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Work Date:** 8/1/2012 **Work Type:** Surface Treatment - Seal Coat **Code:** ST-SC **Is Major M&R:** False

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 5 **Surveyed:** 1

**Conditions:** **PCI:** 7

**Inspection Comments:**

**Sample Number:** 653 **Type:** R **Area:** 5505.00 SqFt **PCI:** 7

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 45 | DEPRESSION | L | 207.00 | SqFt |
| 43 | BLOCK CR | H | 1505.00 | SqFt |
| 43 | BLOCK CR | M | 4000.00 | SqFt |
| 52 | RAVELING | M | 5505.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP N **Name:** NORTH APRON **Use:** APRON **Area:** 1,468,444 SqFt

**Section:** 4166 of 13 **From:** - **To:** - **Last Const.:** 9/1/2012

**Surface:** AC **Family:** C9N59-RL-AP-AC **Zone:** **Category:** **Rank:** P

**Area:** 22,635 SqFt **Length:** 440 Ft **Width:** 50 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1984 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Work Date:** 9/1/2012 **Work Type:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 6 **Surveyed:** 1

**Conditions:** **PCI:** 89

**Inspection Comments:**

**Sample Number:** 609 **Type:** R **Area:** 3500.00 SqFt **PCI:** 89

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 34.00 | Ft |
| 57 | WEATHERING | L | 3500.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP N **Name:** NORTH APRON **Use:** APRON **Area:** 1,468,444 SqFt

**Section:** 4167 of 13 **From:** - **To:** - **Last Const.:** 1/1/1984

**Surface:** AC **Family:** C9N59-RL-AP-AC **Zone:** **Category:** **Rank:** P

**Area:** 28,916 SqFt **Length:** 450 Ft **Width:** 60 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1984 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

**Work Date:** 8/1/2012 **Work Type:** Surface Treatment - Seal Coat **Code:** ST-SC **Is Major M&R:** False

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 5 **Surveyed:** 1

**Conditions:** **PCI:** 12

**Inspection Comments:**

**Sample Number:** 507 **Type:** R **Area:** 6700.00 SqFt **PCI:** 12

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 41 | ALLIGATOR CR | L | 210.00 | SqFt |
| 43 | BLOCK CR | M | 4698.00 | SqFt |
| 52 | RAVELING | H | 6.00 | SqFt |
| 45 | DEPRESSION | L | 104.00 | SqFt |
| 52 | RAVELING | M | 5094.00 | SqFt |
| 50 | PATCHING | L | 1600.00 | SqFt |
| 41 | ALLIGATOR CR | M | 192.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP N **Name:** NORTH APRON **Use:** APRON **Area:** 1,468,444 SqFt

**Section:** 4168 of 13 **From:** - **To:** - **Last Const.:** 1/1/2005

**Surface:** PCC **Family:** C9N59-RL-AP-PCC **Zone:** **Category:** **Rank:** P

**Area:** 24,538 SqFt **Length:** 500 Ft **Width:** 50 Ft

**Slabs:** 51 **Slab Length:** 20 Ft **Slab Width:** 24 Ft **Joint Length:** 1,742 Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/2005 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 4 **Surveyed:** 1

**Conditions:** **PCI:**

**Inspection Comments:**

**Sample Number:** 558 **Type:** R **Area:** 12.00 Slabs **PCI:**

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 72 | SHAT. SLAB | H | 3.00 | Slabs |
| 72 | SHAT. SLAB | M | 9.00 | Slabs |
| 65 | JT SEAL DMG | H | 12.00 | Slabs |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP N **Name:** NORTH APRON **Use:** APRON **Area:** 1,468,444 SqFt

**Section:** 4169 of 13 **From:** - **To:** - **Last Const.:** 9/1/2012

**Surface:** AC **Family:** C9N59-RL-AP-AC **Zone:** **Category:** **Rank:** P

**Area:** 72,939 SqFt **Length:** 400 Ft **Width:** 200 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 9/1/2012 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 16 **Surveyed:** 3

**Conditions:** **PCI:** 86

**Inspection Comments:**

**Sample Number:** 309 **Type:** R **Area:** 6190.00 SqFt **PCI:** 89

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 85.00 | Ft |
| 57 | WEATHERING | L | 6190.00 | SqFt |

**Sample Number:** 357 **Type:** R **Area:** 5000.00 SqFt **PCI:** 85

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 57 | WEATHERING | L | 4750.00 | SqFt |
| 48 | L & T CR | L | 8.00 | Ft |
| 52 | RAVELING | L | 250.00 | SqFt |

**Sample Number:** 456 **Type:** R **Area:** 5151.00 SqFt **PCI:** 84

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 39.00 | Ft |
| 57 | WEATHERING | L | 4893.00 | SqFt |
| 52 | RAVELING | L | 258.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP N **Name:** NORTH APRON **Use:** APRON **Area:** 1,468,444 SqFt

**Section:** 4170 of 13 **From:** - **To:** - **Last Const.:** 1/1/1984

**Surface:** AC **Family:** C9N59-RL-AP-AC **Zone:** **Category:** **Rank:** P

**Area:** 84,878 SqFt **Length:** 850 Ft **Width:** 100 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1984 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

**Work Date:** 8/1/2012 **Work Type:** Surface Treatment - Seal Coat **Code:** ST-SC **Is Major M&R:** False

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 18 **Surveyed:** 3

**Conditions:** **PCI:** 67

**Inspection Comments:**

**Sample Number:** 656 **Type:** R **Area:** 4253.00 SqFt **PCI:** 70

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 45 | DEPRESSION | L | 3.00 | SqFt |
| 57 | WEATHERING | M | 3828.00 | SqFt |
| 52 | RAVELING | L | 425.00 | SqFt |
| 48 | L & T CR | L | 149.00 | Ft |

**Sample Number:** 810 **Type:** R **Area:** 6578.00 SqFt **PCI:** 71

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 57.00 | Ft |
| 57 | WEATHERING | M | 4342.00 | SqFt |
| 57 | WEATHERING | L | 1578.00 | SqFt |
| 52 | RAVELING | L | 658.00 | SqFt |

**Sample Number:** 906 **Type:** R **Area:** 4957.00 SqFt **PCI:** 59

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CR | L | 2340.00 | SqFt |
| 52 | RAVELING | L | 2200.00 | SqFt |
| 57 | WEATHERING | M | 1400.00 | SqFt |
| 57 | WEATHERING | L | 1357.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP N **Name:** NORTH APRON **Use:** APRON **Area:** 1,468,444 SqFt

**Section:** 4175 of 13 **From:** - **To:** - **Last Const.:** 1/1/1960

**Surface:** AC **Family:** C9N59-RL-AP-AC **Zone:** **Category:** **Rank:** P

**Area:** 42,594 SqFt **Length:** 250 Ft **Width:** 165 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1960 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Work Date:** 8/1/2012 **Work Type:** Surface Treatment - Seal Coat **Code:** ST-SC **Is Major M&R:** False

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 9 **Surveyed:** 2

**Conditions:** **PCI:** 76

**Inspection Comments:**

**Sample Number:** 101 **Type:** R **Area:** 4923.00 SqFt **PCI:** 68

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 56 | SWELLING | L | 32.00 | SqFt |
| 52 | RAVELING | L | 1250.00 | SqFt |
| 57 | WEATHERING | L | 3673.00 | SqFt |
| 48 | L & T CR | L | 161.00 | Ft |
| 45 | DEPRESSION | L | 118.00 | SqFt |

**Sample Number:** 400 **Type:** R **Area:** 5000.00 SqFt **PCI:** 84

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 57 | WEATHERING | L | 4750.00 | SqFt |
| 48 | L & T CR | L | 19.00 | Ft |
| 52 | RAVELING | L | 250.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP NE **Name:** NE APRON **Use:** APRON **Area:** 138,742 SqFt

**Section:** 4305 of 4 **From:** - **To:** - **Last Const.:** 1/1/1984

**Surface:** AC **Family:** C9N59-RL-AP-AC **Zone:** **Category:** **Rank:** P

**Area:** 52,643 SqFt **Length:** 500 Ft **Width:** 100 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1984 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 11 **Surveyed:** 2

**Conditions:** **PCI:** 23

**Inspection Comments:**

**Sample Number:** 350 **Type:** R **Area:** 5242.00 SqFt **PCI:** 32

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CR | M | 5242.00 | SqFt |
| 53 | RUTTING | L | 150.00 | SqFt |
| 56 | SWELLING | L | 486.00 | SqFt |
| 52 | RAVELING | L | 5242.00 | SqFt |

**Sample Number:** 404 **Type:** R **Area:** 4127.00 SqFt **PCI:** 11

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CR | M | 3082.00 | SqFt |
| 52 | RAVELING | H | 10.00 | SqFt |
| 50 | PATCHING | H | 37.00 | SqFt |
| 45 | DEPRESSION | L | 64.00 | SqFt |
| 52 | RAVELING | M | 3072.00 | SqFt |
| 50 | PATCHING | M | 1008.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP NE **Name:** NE APRON **Use:** APRON **Area:** 138,742 SqFt

**Section:** 4312 of 4 **From:** - **To:** - **Last Const.:** 12/25/1999

**Surface:** AC **Family:** C9N59-RL-AP-AC **Zone:** **Category:** **Rank:** P

**Area:** 8,541 SqFt **Length:** 450 Ft **Width:** 20 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 12/25/1999 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 2 **Surveyed:** 1

**Conditions:** **PCI:** 59

**Inspection Comments:**

**Sample Number:** 307 **Type:** R **Area:** 4300.00 SqFt **PCI:** 59

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 194.00 | Ft |
| 52 | RAVELING | L | 750.00 | SqFt |
| 45 | DEPRESSION | L | 265.00 | SqFt |
| 57 | WEATHERING | L | 3000.00 | SqFt |
| 57 | WEATHERING | M | 550.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP NE **Name:** NE APRON **Use:** APRON **Area:** 138,742 SqFt

**Section:** 4315 of 4 **From:** - **To:** - **Last Const.:** 1/1/2007

**Surface:** AAC **Family:** C9N59-RL-AP-AAC-APC **Zone:** **Category:** **Rank:** P

**Area:** 24,518 SqFt **Length:** 600 Ft **Width:** 40 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 12/25/1999 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

**Work Date:** 1/1/2007 **Work Type:** MILL and OVERLAY **Code:** ML-OV **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 5 **Surveyed:** 1

**Conditions:** **PCI:** 77

**Inspection Comments:**

**Sample Number:** 151 **Type:** R **Area:** 4857.00 SqFt **PCI:** 77

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 900.00 | SqFt |
| 57 | WEATHERING | L | 3957.00 | SqFt |
| 48 | L & T CR | L | 76.00 | Ft |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP NE **Name:** NE APRON **Use:** APRON **Area:** 138,742 SqFt

**Section:** 4320 of 4 **From:** - **To:** - **Last Const.:** 1/1/2007

**Surface:** AAC **Family:** C9N59-RL-AP-AAC-APC **Zone:** **Category:** **Rank:** P

**Area:** 53,040 SqFt **Length:** 1,000 Ft **Width:** 50 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1984 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

**Work Date:** 1/1/2007 **Work Type:** Mill and Overlay **Code:** ML-OL **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 14 **Surveyed:** 2

**Conditions:** **PCI:** 77

**Inspection Comments:**

**Sample Number:** 252 **Type:** R **Area:** 4000.00 SqFt **PCI:** 79

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 800.00 | SqFt |
| 57 | WEATHERING | L | 3200.00 | SqFt |
| 48 | L & T CR | L | 2.00 | Ft |

**Sample Number:** 301 **Type:** R **Area:** 3500.00 SqFt **PCI:** 75

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 108.00 | Ft |
| 52 | RAVELING | L | 800.00 | SqFt |
| 57 | WEATHERING | L | 2700.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP RU **Name:** RUN-UP APRONS **Use:** APRON **Area:** 104,002 SqFt

**Section:** 5110 of 3 **From:** - **To:** - **Last Const.:** 1/1/2001

**Surface:** AC **Family:** C9N59-RL-AP-AC **Zone:** **Category:** **Rank:** P

**Area:** 25,880 SqFt **Length:** 233 Ft **Width:** 100 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/2001 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 5 **Surveyed:** 1

**Conditions:** **PCI:** 75

**Inspection Comments:**

**Sample Number:** 302 **Type:** R **Area:** 5750.00 SqFt **PCI:** 75

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 288.00 | SqFt |
| 56 | SWELLING | L | 100.00 | SqFt |
| 48 | L & T CR | L | 168.00 | Ft |
| 57 | WEATHERING | L | 5462.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP RU **Name:** RUN-UP APRONS **Use:** APRON **Area:** 104,002 SqFt

**Section:** 5115 of 3 **From:** - **To:** - **Last Const.:** 1/1/2001

**Surface:** AC **Family:** C9N59-RL-AP-AC **Zone:** **Category:** **Rank:** P

**Area:** 36,282 SqFt **Length:** 255 Ft **Width:** 130 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/2001 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 7 **Surveyed:** 1

**Conditions:** **PCI:** 74

**Inspection Comments:**

**Sample Number:** 202 **Type:** R **Area:** 6850.00 SqFt **PCI:** 74

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 700.00 | SqFt |
| 48 | L & T CR | L | 251.00 | Ft |
| 57 | WEATHERING | L | 6150.00 | SqFt |
| 56 | SWELLING | L | 100.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP RU **Name:** RUN-UP APRONS **Use:** APRON **Area:** 104,002 SqFt

**Section:** 5120 of 3 **From:** - **To:** - **Last Const.:** 1/1/2001

**Surface:** AC **Family:** C9N59-RL-AP-AC **Zone:** **Category:** **Rank:** P

**Area:** 41,840 SqFt **Length:** 420 Ft **Width:** 100 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/2001 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 8 **Surveyed:** 1

**Conditions:** **PCI:** 75

**Inspection Comments:**

**Sample Number:** 102 **Type:** R **Area:** 6750.00 SqFt **PCI:** 75

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 57 | WEATHERING | L | 6412.00 | SqFt |
| 52 | RAVELING | L | 338.00 | SqFt |
| 56 | SWELLING | L | 325.00 | SqFt |
| 48 | L & T CR | L | 169.00 | Ft |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP W **Name:** WEST APRON **Use:** APRON **Area:** 615,449 SqFt

**Section:** 4605 of 8 **From:** - **To:** - **Last Const.:** 1/1/2002

**Surface:** AC **Family:** C9N59-RL-AP-AC **Zone:** **Category:** **Rank:** P

**Area:** 34,600 SqFt **Length:** 700 Ft **Width:** 50 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

| | | | |
|---|---|---|---|
| **Work Date:** 1/1/1942 | **Work Type:** BUILT | **Code:** IMPORTED | **Is Major M&R:** True |
| **Work Date:** 1/1/1942 | **Work Type:** OVERLAY | **Code:** IMPORTED | **Is Major M&R:** True |
| **Work Date:** 1/1/2002 | **Work Type:** Complete Reconstruction - AC | **Code:** CR-AC | **Is Major M&R:** True |
| **Work Date:** 1/1/2015 | **Work Type:** Surface Treatment - Seal Coat | **Code:** ST-SC | **Is Major M&R:** False |

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 7 **Surveyed:** 1

**Conditions:** **PCI:** 64

**Inspection Comments:**

**Sample Number:** 282 **Type:** R **Area:** 5000.00 SqFt **PCI:** 64

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 49 | OIL SPILLAGE | N | 6.00 | SqFt |
| 57 | WEATHERING | M | 4000.00 | SqFt |
| 48 | L & T CR | L | 156.00 | Ft |
| 43 | BLOCK CR | L | 78.00 | SqFt |
| 52 | RAVELING | L | 1000.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP W **Name:** WEST APRON **Use:** APRON **Area:** 615,449 SqFt

**Section:** 4610 of 8 **From:** - **To:** - **Last Const.:** 1/1/1999

**Surface:** AC **Family:** C9N59-RL-AP-AC **Zone:** **Category:** **Rank:** P

**Area:** 260,825 SqFt **Length:** 150 Ft **Width:** 1,700 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1999 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Work Date:** 1/1/2015 **Work Type:** Surface Treatment - Seal Coat **Code:** ST-SC **Is Major M&R:** False

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 58 **Surveyed:** 6

**Conditions:** **PCI:** 45

**Inspection Comments:**

**Sample Number:** 421 **Type:** R **Area:** 4307.00 SqFt **PCI:** 38

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 50 | PATCHING | L | 369.00 | SqFt |
| 43 | BLOCK CR | M | 2363.00 | SqFt |
| 52 | RAVELING | L | 3938.00 | SqFt |
| 43 | BLOCK CR | L | 1575.00 | SqFt |

**Sample Number:** 424 **Type:** R **Area:** 4307.00 SqFt **PCI:** 34

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 45 | DEPRESSION | L | 104.00 | SqFt |
| 43 | BLOCK CR | L | 2757.00 | SqFt |
| 43 | BLOCK CR | M | 1500.00 | SqFt |
| 52 | RAVELING | L | 4257.00 | SqFt |
| 56 | SWELLING | L | 75.00 | SqFt |
| 50 | PATCHING | L | 50.00 | SqFt |

**Sample Number:** 434 **Type:** R **Area:** 4307.00 SqFt **PCI:** 51

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 118.00 | Ft |
| 52 | RAVELING | L | 4307.00 | SqFt |
| 56 | SWELLING | L | 100.00 | SqFt |
| 43 | BLOCK CR | L | 3700.00 | SqFt |

**Sample Number:** 439 **Type:** R **Area:** 4307.00 SqFt **PCI:** 54

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CR | L | 4307.00 | SqFt |
| 52 | RAVELING | L | 4307.00 | SqFt |
| 56 | SWELLING | L | 129.00 | SqFt |

**Sample Number:** 531 **Type:** R **Area:** 3793.00 SqFt **PCI:** 38

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 3793.00 | SqFt |
| 43 | BLOCK CR | L | 2276.00 | SqFt |
| 56 | SWELLING | L | 303.00 | SqFt |
| 43 | BLOCK CR | M | 1517.00 | SqFt |

**Sample Number:** 542 **Type:** R **Area:** 5000.00 SqFt **PCI:** 55

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 4840.00 | SqFt |
| 50 | PATCHING | L | 160.00 | SqFt |
| 43 | BLOCK CR | L | 4840.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP W **Name:** WEST APRON **Use:** APRON **Area:** 615,449 SqFt

**Section:** 4640 of 8 **From:** - **To:** - **Last Const.:** 3/1/2019

**Surface:** AAC **Family:** C9N59-RL-AP-AAC-APC **Zone:** **Category:** **Rank:** P

**Area:** 157,964 SqFt **Length:** 450 Ft **Width:** 350 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

| | | | |
|---|---|---|---|
| **Work Date:** 1/1/1997 | **Work Type:** BUILT | **Code:** IMPORTED | **Is Major M&R:** True |
| **Work Date:** 12/1/1998 | **Work Type:** Complete Reconstruction - AC | **Code:** CR-AC | **Is Major M&R:** True |
| **Work Date:** 1/1/2015 | **Work Type:** Surface Treatment - Seal Coat | **Code:** ST-SC | **Is Major M&R:** False |
| **Work Date:** 3/1/2019 | **Work Type:** MILL and OVERLAY | **Code:** ML-OV | **Is Major M&R:** True |

**Last Insp. Date:** 1/15/2015 **TotalSamples:** 16 **Surveyed:** 3

**Conditions:** **PCI:** 62 **NOTE:** ***** Pre-Construction PCI *****

**Inspection Comments:**

**Sample Number:** 514 **Type:** R **Area:** 4489.00 SqFt **PCI:** 62

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 57 | WEATHERING | M | 4489.00 | SqFt |
| 43 | BLOCK CRACKING | L | 1044.00 | SqFt |
| 43 | BLOCK CRACKING | L | 550.00 | SqFt |
| 48 | LONGITUDINAL/TRANSVERSE CRACKING | L | 276.00 | Ft |

**Sample Number:** 612 **Type:** R **Area:** 5000.00 SqFt **PCI:** 69

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | LONGITUDINAL/TRANSVERSE CRACKING | L | 437.00 | Ft |
| 57 | WEATHERING | M | 5000.00 | SqFt |
| 56 | SWELLING | L | 292.00 | SqFt |

**Sample Number:** 812 **Type:** R **Area:** 4243.00 SqFt **PCI:** 54

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 57 | WEATHERING | M | 4243.00 | SqFt |
| 43 | BLOCK CRACKING | L | 4243.00 | SqFt |
| 56 | SWELLING | L | 424.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP W **Name:** WEST APRON **Use:** APRON **Area:** 615,449 SqFt

**Section:** 4650 of 8 **From:** - **To:** - **Last Const.:** 12/1/1998

**Surface:** AC **Family:** C9N59-RL-AP-AC **Zone:** **Category:** **Rank:** P

**Area:** 115,747 SqFt **Length:** 520 Ft **Width:** 220 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

| | | | |
|---|---|---|---|
| **Work Date:** 1/1/1997 | **Work Type:** New Construction - PCC | **Code:** NC-PC | **Is Major M&R:** True |
| **Work Date:** 1/2/1997 | **Work Type:** Overlay - AC Structural | **Code:** OL-AS | **Is Major M&R:** True |
| **Work Date:** 12/1/1998 | **Work Type:** Complete Reconstruction - AC | **Code:** CR-AC | **Is Major M&R:** True |
| **Work Date:** 1/1/2015 | **Work Type:** Surface Treatment - Seal Coat | **Code:** ST-SC | **Is Major M&R:** False |

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 24 **Surveyed:** 4

**Conditions:** **PCI:** 50

**Inspection Comments:**

**Sample Number:** 306 **Type:** R **Area:** 5597.00 SqFt **PCI:** 47

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 5597.00 | SqFt |
| 43 | BLOCK CR | L | 5037.00 | SqFt |
| 43 | BLOCK CR | M | 560.00 | SqFt |

**Sample Number:** 503 **Type:** R **Area:** 4983.00 SqFt **PCI:** 45

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CR | M | 498.00 | SqFt |
| 45 | DEPRESSION | L | 25.00 | SqFt |
| 43 | BLOCK CR | L | 4485.00 | SqFt |
| 52 | RAVELING | L | 4983.00 | SqFt |

**Sample Number:** 701 **Type:** R **Area:** 6000.00 SqFt **PCI:** 54

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CR | L | 6000.00 | SqFt |
| 45 | DEPRESSION | L | 1.00 | SqFt |
| 56 | SWELLING | L | 150.00 | SqFt |
| 52 | RAVELING | L | 6000.00 | SqFt |

**Sample Number:** 804 **Type:** R **Area:** 4250.00 SqFt **PCI:** 54

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CR | L | 4250.00 | SqFt |
| 56 | SWELLING | L | 225.00 | SqFt |
| 52 | RAVELING | L | 4250.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP W **Name:** WEST APRON **Use:** APRON **Area:** 615,449 SqFt

**Section:** 4665 of 8 **From:** - **To:** - **Last Const.:** 6/1/2019

**Surface:** PCC **Family:** C9N59-RL-AP-PCC **Zone:** **Category:** **Rank:** P

**Area:** 8,833 SqFt **Length:** 150 Ft **Width:** 60 Ft

**Slabs:** 27 **Slab Length:** 12 Ft **Slab Width:** 30 Ft **Joint Length:** 840 Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1997 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

**Work Date:** 6/1/2019 **Work Type:** Complete Reconstruction - PCC **Code:** CR-PC **Is Major M&R:** True

**Last Insp. Date:** 1/15/2015 **TotalSamples:** 6 **Surveyed:** 1

**Conditions:** **PCI:** 31 **NOTE:** ***** Pre-Construction PCI *****

**Inspection Comments:**

**Sample Number:** 911 **Type:** R **Area:** 27.00 Slabs **PCI:** 31

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 63 | LINEAR CRACKING | L | 17.00 | Slabs |
| 72 | SHATTERED SLAB | L | 1.00 | Slabs |
| 75 | CORNER SPALLING | M | 1.00 | Slabs |
| 75 | CORNER SPALLING | H | 1.00 | Slabs |
| 74 | JOINT SPALLING | H | 5.00 | Slabs |
| 63 | LINEAR CRACKING | M | 1.00 | Slabs |
| 74 | JOINT SPALLING | M | 4.00 | Slabs |
| 73 | SHRINKAGE CRACKING | N | 17.00 | Slabs |
| 75 | CORNER SPALLING | L | 2.00 | Slabs |
| 70 | SCALING | L | 27.00 | Slabs |
| 74 | JOINT SPALLING | L | 6.00 | Slabs |
| 65 | JOINT SEAL DAMAGE | H | 27.00 | Slabs |
| 63 | LINEAR CRACKING | M | 1.00 | Slabs |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP W **Name:** WEST APRON **Use:** APRON **Area:** 615,449 SqFt

**Section:** 4670 of 8 **From:** - **To:** - **Last Const.:** 12/1/1998

**Surface:** AC **Family:** C9N59-RL-AP-AC **Zone:** **Category:** **Rank:** P

**Area:** 10,856 SqFt **Length:** 110 Ft **Width:** 100 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

| | | | |
|---|---|---|---|
| **Work Date:** 1/1/1997 | **Work Type:** BUILT | **Code:** IMPORTED | **Is Major M&R:** True |
| **Work Date:** 12/1/1998 | **Work Type:** Complete Reconstruction - AC | **Code:** CR-AC | **Is Major M&R:** True |
| **Work Date:** 1/1/2015 | **Work Type:** Surface Treatment - Seal Coat | **Code:** ST-SC | **Is Major M&R:** False |

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 3 **Surveyed:** 1

**Conditions:** **PCI:** 58

**Inspection Comments:**

**Sample Number:** 813 **Type:** R **Area:** 3600.00 SqFt **PCI:** 58

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 97.00 | Ft |
| 52 | RAVELING | L | 3600.00 | SqFt |
| 56 | SWELLING | L | 120.00 | SqFt |
| 43 | BLOCK CR | L | 1520.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP W **Name:** WEST APRON **Use:** APRON **Area:** 615,449 SqFt

**Section:** 4675 of 8 **From:** - **To:** - **Last Const.:** 3/1/2019

**Surface:** PCC **Family:** C9N59-RL-AP-PCC **Zone:** **Category:** **Rank:** P

**Area:** 1,760 SqFt **Length:** 44 Ft **Width:** 40 Ft

**Slabs:** 30 **Slab Length:** 10 Ft **Slab Width:** 11 Ft **Joint Length:** 252 Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

| | | | | | |
|---|---|---|---|---|---|
| **Work Date:** 1/1/1997 | **Work Type:** BUILT | **Code:** IMPORTED | **Is Major M&R:** True |
| **Work Date:** 12/1/1998 | **Work Type:** Surface Reconstruction - AC | **Code:** SR-AC | **Is Major M&R:** True |
| **Work Date:** 1/1/2015 | **Work Type:** Surface Treatment - Seal Coat | **Code:** ST-SC | **Is Major M&R:** False |
| **Work Date:** 3/1/2019 | **Work Type:** Complete Reconstruction - PCC | **Code:** CR-PC | **Is Major M&R:** True |

**Last Insp. Date:** 1/15/2015 **TotalSamples:** 16 **Surveyed:** 3

**Conditions:** **PCI:** 62 **NOTE:** ***** Pre-Construction PCI *****

**Inspection Comments:**

**Sample Number:** 514 **Type:** R **Area:** 4489.00 SqFt **PCI:** 62

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | LONGITUDINAL/TRANSVERSE CRACKING | L | 276.00 | Ft |
| 57 | WEATHERING | M | 4489.00 | SqFt |
| 43 | BLOCK CRACKING | L | 550.00 | SqFt |
| 43 | BLOCK CRACKING | L | 1044.00 | SqFt |

**Sample Number:** 612 **Type:** R **Area:** 5000.00 SqFt **PCI:** 69

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 56 | SWELLING | L | 292.00 | SqFt |
| 57 | WEATHERING | M | 5000.00 | SqFt |
| 48 | LONGITUDINAL/TRANSVERSE CRACKING | L | 437.00 | Ft |

**Sample Number:** 812 **Type:** R **Area:** 4243.00 SqFt **PCI:** 54

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CRACKING | L | 4243.00 | SqFt |
| 57 | WEATHERING | M | 4243.00 | SqFt |
| 56 | SWELLING | L | 424.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP W SEGM **Name:** SE SEGMENT OF WEST APRON **Use:** APRON **Area:** 209,360 SqFt

**Section:** 4805 of 2 **From:** - **To:** - **Last Const.:** 1/1/2001

**Surface:** AAC **Family:** C9N59-RL-AP-AAC-APC **Zone:** **Category:** **Rank:** P

**Area:** 129,830 SqFt **Length:** 535 Ft **Width:** 245 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

| | | | |
|---|---|---|---|
| **Work Date:** 1/1/1960 | **Work Type:** New Construction - Initial | **Code:** NU-IN | **Is Major M&R:** True |
| **Work Date:** 1/1/2001 | **Work Type:** Surface Reconstruction - AC | **Code:** SR-AC | **Is Major M&R:** True |
| **Work Date:** 1/1/2015 | **Work Type:** Surface Treatment - Seal Coat | **Code:** ST-SC | **Is Major M&R:** False |

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 26 **Surveyed:** 3

**Conditions:** **PCI:** 67

**Inspection Comments:**

**Sample Number:** 207 **Type:** R **Area:** 4500.00 SqFt **PCI:** 66

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CR | L | 150.00 | SqFt |
| 48 | L & T CR | L | 475.00 | Ft |
| 57 | WEATHERING | M | 4500.00 | SqFt |

**Sample Number:** 211 **Type:** R **Area:** 5357.00 SqFt **PCI:** 70

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 268.00 | SqFt |
| 48 | L & T CR | L | 172.00 | Ft |
| 57 | WEATHERING | M | 5089.00 | SqFt |

**Sample Number:** 315 **Type:** R **Area:** 5000.00 SqFt **PCI:** 64

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 57 | WEATHERING | L | 5000.00 | SqFt |
| 48 | L & T CR | L | 176.00 | Ft |
| 42 | BLEEDING | N | 7.00 | SqFt |
| 56 | SWELLING | L | 8.00 | SqFt |
| 43 | BLOCK CR | L | 1500.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** AP W SEGM **Name:** SE SEGMENT OF WEST APRON **Use:** APRON **Area:** 209,360 SqFt

**Section:** 4810 of 2 **From:** - **To:** - **Last Const.:** 1/1/2012

**Surface:** AAC **Family:** C9N59-RL-AP-AAC-APC **Zone:** **Category:** **Rank:** P

**Area:** 79,530 SqFt **Length:** 400 Ft **Width:** 200 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

| | | | | | |
|---|---|---|---|---|---|
| **Work Date:** 1/1/1960 | **Work Type:** BUILT | **Code:** IMPORTED | **Is Major M&R:** True |
| **Work Date:** 1/1/1960 | **Work Type:** OVERLAY | **Code:** IMPORTED | **Is Major M&R:** True |
| **Work Date:** 1/1/2012 | **Work Type:** Mill and Overlay | **Code:** ML-OL | **Is Major M&R:** True |

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 15 **Surveyed:** 3

**Conditions:** **PCI:** 77

**Inspection Comments:**

**Sample Number:** 138 **Type:** R **Area:** 6100.00 SqFt **PCI:** 85

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 57 | WEATHERING | L | 6039.00 | SqFt |
| 48 | L & T CR | L | 129.00 | Ft |
| 52 | RAVELING | L | 61.00 | SqFt |

**Sample Number:** 290 **Type:** R **Area:** 5000.00 SqFt **PCI:** 73

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 45 | DEPRESSION | L | 144.00 | SqFt |
| 48 | L & T CR | L | 256.00 | Ft |
| 57 | WEATHERING | L | 4975.00 | SqFt |
| 52 | RAVELING | L | 25.00 | SqFt |

**Sample Number:** 394 **Type:** R **Area:** 5500.00 SqFt **PCI:** 73

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 49 | OIL SPILLAGE | N | 4.00 | SqFt |
| 57 | WEATHERING | L | 5390.00 | SqFt |
| 45 | DEPRESSION | L | 18.00 | SqFt |
| 52 | RAVELING | L | 110.00 | SqFt |
| 48 | L & T CR | L | 264.00 | Ft |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** RW 13-31 **Name:** RUNWAY 13-31 **Use:** RUNWAY **Area:** 445,836 SqFt

**Section:** 6205 of 1 **From:** - **To:** - **Last Const.:** 1/1/1999

**Surface:** AC **Family:** C9N59-RL-RW-AC **Zone:** **Category:** **Rank:** P

**Area:** 445,836 SqFt **Length:** 4,500 Ft **Width:** 100 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1999 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 89 **Surveyed:** 18

**Conditions:** **PCI:** 66

**Inspection Comments:**

**Sample Number:** 108 **Type:** R **Area:** 5000.00 SqFt **PCI:** 40

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 45 | DEPRESSION | L | 211.00 | SqFt |
| 52 | RAVELING | L | 874.00 | SqFt |
| 56 | SWELLING | L | 140.00 | SqFt |
| 52 | RAVELING | M | 1150.00 | SqFt |
| 48 | L & T CR | M | 60.00 | Ft |
| 48 | L & T CR | L | 185.00 | Ft |
| 56 | SWELLING | M | 5.00 | SqFt |

**Sample Number:** 115 **Type:** R **Area:** 5000.00 SqFt **PCI:** 64

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 500.00 | SqFt |
| 56 | SWELLING | L | 450.00 | SqFt |
| 48 | L & T CR | L | 180.00 | Ft |
| 48 | L & T CR | M | 50.00 | Ft |
| 57 | WEATHERING | L | 4500.00 | SqFt |

**Sample Number:** 122 **Type:** R **Area:** 5000.00 SqFt **PCI:** 68

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 56 | SWELLING | L | 539.00 | SqFt |
| 48 | L & T CR | L | 194.00 | Ft |
| 52 | RAVELING | L | 500.00 | SqFt |
| 57 | WEATHERING | L | 4500.00 | SqFt |

**Sample Number:** 129 **Type:** R **Area:** 5000.00 SqFt **PCI:** 62

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 1800.00 | SqFt |
| 52 | RAVELING | M | 160.00 | SqFt |
| 48 | L & T CR | M | 100.00 | Ft |
| 56 | SWELLING | L | 200.00 | SqFt |
| 48 | L & T CR | L | 115.00 | Ft |

**Sample Number:** 138 **Type:** R **Area:** 5000.00 SqFt **PCI:** 74

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 57 | WEATHERING | L | 4750.00 | SqFt |
| 56 | SWELLING | L | 164.00 | SqFt |
| 48 | L & T CR | L | 175.00 | Ft |
| 52 | RAVELING | L | 250.00 | SqFt |

**Sample Number:** 142 **Type:** R **Area:** 5000.00 SqFt **PCI:** 77

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 166.00 | Ft |
| 56 | SWELLING | L | 40.00 | SqFt |
| 52 | RAVELING | L | 500.00 | SqFt |
| 57 | WEATHERING | L | 4500.00 | SqFt |

**Sample Number:** 145 **Type:** R **Area:** 5000.00 SqFt **PCI:** 73

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 57 | WEATHERING | L | 4500.00 | SqFt |
| 48 | L & T CR | L | 182.00 | Ft |
| 56 | SWELLING | L | 155.00 | SqFt |
| 52 | RAVELING | L | 500.00 | SqFt |

**Sample Number:** 152 **Type:** R **Area:** 6887.00 SqFt **PCI:** 70

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 57 | WEATHERING | L | 6198.00 | SqFt |
| 56 | SWELLING | L | 230.00 | SqFt |
| 48 | L & T CR | L | 351.00 | Ft |
| 52 | RAVELING | L | 689.00 | SqFt |

**Sample Number:** 156 **Type:** R **Area:** 5000.00 SqFt **PCI:** 61

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 371.00 | Ft |
| 52 | RAVELING | L | 500.00 | SqFt |
| 56 | SWELLING | L | 500.00 | SqFt |
| 56 | SWELLING | M | 4.00 | SqFt |
| 57 | WEATHERING | L | 4500.00 | SqFt |

**Sample Number:** 159 **Type:** R **Area:** 5000.00 SqFt **PCI:** 59

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 56 | SWELLING | L | 525.00 | SqFt |
| 57 | WEATHERING | L | 4500.00 | SqFt |
| 52 | RAVELING | L | 500.00 | SqFt |
| 48 | L & T CR | L | 616.00 | Ft |

**Sample Number:** 163 **Type:** R **Area:** 5000.00 SqFt **PCI:** 61

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 57 | WEATHERING | L | 4250.00 | SqFt |
| 48 | L & T CR | L | 518.00 | Ft |
| 56 | SWELLING | L | 300.00 | SqFt |
| 52 | RAVELING | L | 750.00 | SqFt |

**Sample Number:** 169 **Type:** R **Area:** 5000.00 SqFt **PCI:** 63

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 467.00 | Ft |
| 57 | WEATHERING | L | 3900.00 | SqFt |
| 56 | SWELLING | L | 250.00 | SqFt |
| 52 | RAVELING | L | 1100.00 | SqFt |

**Sample Number:** 175 **Type:** R **Area:** 5000.00 SqFt **PCI:** 67

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 56 | SWELLING | L | 425.00 | SqFt |
| 57 | WEATHERING | L | 4500.00 | SqFt |
| 48 | L & T CR | L | 338.00 | Ft |
| 52 | RAVELING | L | 500.00 | SqFt |

**Sample Number:** 182 **Type:** R **Area:** 5000.00 SqFt **PCI:** 73

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 56 | SWELLING | L | 300.00 | SqFt |
| 52 | RAVELING | L | 500.00 | SqFt |
| 48 | L & T CR | L | 177.00 | Ft |
| 57 | WEATHERING | L | 4500.00 | SqFt |

**Sample Number:** 185 **Type:** R **Area:** 5000.00 SqFt **PCI:** 71

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 57 | WEATHERING | L | 4500.00 | SqFt |
| 56 | SWELLING | L | 375.00 | SqFt |
| 52 | RAVELING | L | 500.00 | SqFt |
| 48 | L & T CR | L | 195.00 | Ft |

**Sample Number:** 191 **Type:** R **Area:** 5000.00 SqFt **PCI:** 66

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 500.00 | SqFt |
| 56 | SWELLING | L | 600.00 | SqFt |
| 57 | WEATHERING | L | 4500.00 | SqFt |

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 189.00 | Ft |

**Sample Number:** 195 **Type:** R **Area:** 5000.00 SqFt **PCI:** 71

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 57 | WEATHERING | L | 4500.00 | SqFt |
| 52 | RAVELING | L | 500.00 | SqFt |
| 48 | L & T CR | L | 227.00 | Ft |
| 56 | SWELLING | L | 300.00 | SqFt |

**Sample Number:** 198 **Type:** R **Area:** 5000.00 SqFt **PCI:** 64

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 57 | WEATHERING | L | 3850.00 | SqFt |
| 52 | RAVELING | L | 1150.00 | SqFt |
| 48 | L & T CR | L | 435.00 | Ft |
| 56 | SWELLING | L | 400.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** RW 7-25 **Name:** RUNWAY 7-25 **Use:** RUNWAY **Area:** 900,750 SqFt

**Section:** 6105 of 2 **From:** - **To:** - **Last Const.:** 1/2/2001

**Surface:** AAC **Family:** C9N59-RL-RW-AAC-APC **Zone:** **Category:** **Rank:** T

**Area:** 600,500 SqFt **Length:** 6,005 Ft **Width:** 100 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1977 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Work Date:** 1/1/2001 **Work Type:** Cold Milling **Code:** MI-CO **Is Major M&R:** False

**Work Date:** 1/2/2001 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 120 **Surveyed:** 20

**Conditions:** **PCI:** 63

**Inspection Comments:**

**Sample Number:** 300 **Type:** R **Area:** 5000.00 SqFt **PCI:** 59

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | M | 10.00 | Ft |
| 56 | SWELLING | L | 45.00 | SqFt |
| 57 | WEATHERING | M | 2171.00 | SqFt |
| 45 | DEPRESSION | L | 27.00 | SqFt |
| 57 | WEATHERING | L | 1447.00 | SqFt |
| 52 | RAVELING | L | 1382.00 | SqFt |
| 48 | L & T CR | L | 257.00 | Ft |

**Sample Number:** 306 **Type:** R **Area:** 5000.00 SqFt **PCI:** 66

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 429.00 | Ft |
| 57 | WEATHERING | L | 4500.00 | SqFt |
| 56 | SWELLING | L | 40.00 | SqFt |
| 52 | RAVELING | L | 500.00 | SqFt |

**Sample Number:** 312 **Type:** R **Area:** 5000.00 SqFt **PCI:** 62

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 401.00 | Ft |
| 52 | RAVELING | M | 268.00 | SqFt |
| 56 | SWELLING | L | 50.00 | SqFt |
| 48 | L & T CR | M | 50.00 | Ft |
| 52 | RAVELING | L | 473.00 | SqFt |

**Sample Number:** 316 **Type:** R **Area:** 5000.00 SqFt **PCI:** 63

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 500.00 | SqFt |
| 56 | SWELLING | L | 50.00 | SqFt |
| 57 | WEATHERING | L | 4500.00 | SqFt |
| 48 | L & T CR | M | 15.00 | Ft |
| 48 | L & T CR | L | 350.00 | Ft |

**Sample Number:** 321 **Type:** R **Area:** 5000.00 SqFt **PCI:** 63

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | M | 50.00 | Ft |
| 56 | SWELLING | L | 100.00 | SqFt |
| 48 | L & T CR | L | 293.00 | Ft |
| 52 | RAVELING | L | 1628.00 | SqFt |
| 57 | WEATHERING | L | 3372.00 | SqFt |

**Sample Number:** 328 **Type:** R **Area:** 5000.00 SqFt **PCI:** 59

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | M | 100.00 | Ft |
| 57 | WEATHERING | L | 4500.00 | SqFt |

| | | | | |
|---|---|---|---|---|
| 56 | SWELLING | L | 313.00 | SqFt |
| 48 | L & T CR | L | 423.00 | Ft |
| 52 | RAVELING | L | 500.00 | SqFt |

**Sample Number:** 335 **Type:** R **Area:** 5000.00 SqFt **PCI:** 63

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 500.00 | SqFt |
| 56 | SWELLING | L | 50.00 | SqFt |
| 57 | WEATHERING | L | 4500.00 | SqFt |
| 48 | L & T CR | L | 304.00 | Ft |
| 48 | L & T CR | M | 150.00 | Ft |

**Sample Number:** 342 **Type:** R **Area:** 5000.00 SqFt **PCI:** 63

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | M | 100.00 | Ft |
| 48 | L & T CR | L | 315.00 | Ft |
| 56 | SWELLING | L | 125.00 | SqFt |
| 57 | WEATHERING | L | 4500.00 | SqFt |
| 52 | RAVELING | L | 500.00 | SqFt |

**Sample Number:** 350 **Type:** R **Area:** 5000.00 SqFt **PCI:** 63

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | M | 130.00 | Ft |
| 48 | L & T CR | L | 298.00 | Ft |
| 57 | WEATHERING | L | 4500.00 | SqFt |
| 52 | RAVELING | L | 500.00 | SqFt |
| 56 | SWELLING | L | 63.00 | SqFt |

**Sample Number:** 356 **Type:** R **Area:** 5000.00 SqFt **PCI:** 59

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 350.00 | SqFt |
| 48 | L & T CR | M | 150.00 | Ft |
| 56 | SWELLING | L | 100.00 | SqFt |
| 57 | WEATHERING | L | 4650.00 | SqFt |
| 48 | L & T CR | L | 420.00 | Ft |

**Sample Number:** 361 **Type:** R **Area:** 5000.00 SqFt **PCI:** 57

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 56 | SWELLING | L | 175.00 | SqFt |
| 57 | WEATHERING | L | 4750.00 | SqFt |
| 52 | RAVELING | L | 250.00 | SqFt |
| 48 | L & T CR | M | 100.00 | Ft |
| 48 | L & T CR | L | 495.00 | Ft |

**Sample Number:** 371 **Type:** R **Area:** 5000.00 SqFt **PCI:** 67

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 278.00 | Ft |
| 48 | L & T CR | M | 100.00 | Ft |
| 57 | WEATHERING | L | 4500.00 | SqFt |
| 56 | SWELLING | L | 18.00 | SqFt |
| 52 | RAVELING | L | 500.00 | SqFt |

**Sample Number:** 379 **Type:** R **Area:** 5000.00 SqFt **PCI:** 63

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 480.00 | SqFt |
| 52 | RAVELING | M | 200.00 | SqFt |
| 48 | L & T CR | L | 392.00 | Ft |
| 48 | L & T CR | M | 60.00 | Ft |
| 56 | SWELLING | L | 20.00 | SqFt |

**Sample Number:** 384 **Type:** R **Area:** 5000.00 SqFt **PCI:** 69

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 303.00 | Ft |
| 57 | WEATHERING | L | 4500.00 | SqFt |
| 52 | RAVELING | L | 500.00 | SqFt |
| 56 | SWELLING | L | 65.00 | SqFt |

**Sample Number:** 391 **Type:** R **Area:** 5000.00 SqFt **PCI:** 68

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | M | 50.00 | Ft |
| 56 | SWELLING | L | 50.00 | SqFt |
| 57 | WEATHERING | L | 4500.00 | SqFt |
| 52 | RAVELING | L | 500.00 | SqFt |
| 48 | L & T CR | L | 233.00 | Ft |

**Sample Number:** 397 **Type:** R **Area:** 5000.00 SqFt **PCI:** 67

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 444.00 | Ft |
| 52 | RAVELING | L | 2500.00 | SqFt |
| 57 | WEATHERING | L | 2500.00 | SqFt |
| 56 | SWELLING | L | 10.00 | SqFt |

**Sample Number:** 403 **Type:** R **Area:** 5000.00 SqFt **PCI:** 57

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 56 | SWELLING | L | 50.00 | SqFt |
| 48 | L & T CR | M | 55.00 | Ft |
| 52 | RAVELING | L | 500.00 | SqFt |
| 57 | WEATHERING | L | 4500.00 | SqFt |
| 48 | L & T CR | L | 566.00 | Ft |

**Sample Number:** 409 **Type:** R **Area:** 5000.00 SqFt **PCI:** 59

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 491.00 | Ft |
| 56 | SWELLING | L | 60.00 | SqFt |
| 57 | WEATHERING | L | 4500.00 | SqFt |
| 48 | L & T CR | M | 50.00 | Ft |
| 52 | RAVELING | L | 500.00 | SqFt |

**Sample Number:** 412 **Type:** R **Area:** 5000.00 SqFt **PCI:** 61

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | M | 40.00 | Ft |
| 52 | RAVELING | L | 500.00 | SqFt |
| 56 | SWELLING | L | 75.00 | SqFt |
| 48 | L & T CR | L | 375.00 | Ft |
| 57 | WEATHERING | L | 4500.00 | SqFt |

**Sample Number:** 418 **Type:** R **Area:** 5000.00 SqFt **PCI:** 64

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 521.00 | Ft |
| 52 | RAVELING | L | 1500.00 | SqFt |
| 57 | WEATHERING | M | 3500.00 | SqFt |
| 56 | SWELLING | L | 25.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** RW 7-25 **Name:** RUNWAY 7-25 **Use:** RUNWAY **Area:** 900,750 SqFt

**Section:** 6110 of 2 **From:** - **To:** - **Last Const.:** 1/2/2001

**Surface:** AAC **Family:** C9N59-RL-RW-AAC-APC **Zone:** **Category:** **Rank:** P

**Area:** 300,250 SqFt **Length:** 12,010 Ft **Width:** 25 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1977 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Work Date:** 1/1/2001 **Work Type:** Cold Milling **Code:** MI-CO **Is Major M&R:** False

**Work Date:** 1/2/2001 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 60 **Surveyed:** 12

**Conditions:** **PCI:** 64

**Inspection Comments:**

**Sample Number:** 100 **Type:** R **Area:** 5000.00 SqFt **PCI:** 67

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | M | 165.00 | SqFt |
| 52 | RAVELING | L | 2868.00 | SqFt |
| 48 | L & T CR | L | 119.00 | Ft |
| 56 | SWELLING | L | 15.00 | SqFt |

**Sample Number:** 124 **Type:** R **Area:** 5000.00 SqFt **PCI:** 69

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 56 | SWELLING | L | 450.00 | SqFt |
| 52 | RAVELING | L | 535.00 | SqFt |
| 48 | L & T CR | L | 279.00 | Ft |
| 57 | WEATHERING | L | 4465.00 | SqFt |

**Sample Number:** 152 **Type:** R **Area:** 5000.00 SqFt **PCI:** 70

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 244.00 | Ft |
| 56 | SWELLING | L | 250.00 | SqFt |
| 57 | WEATHERING | L | 4180.00 | SqFt |
| 52 | RAVELING | L | 820.00 | SqFt |

**Sample Number:** 176 **Type:** R **Area:** 5000.00 SqFt **PCI:** 65

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 915.00 | SqFt |
| 57 | WEATHERING | L | 4085.00 | SqFt |
| 56 | SWELLING | L | 75.00 | SqFt |
| 48 | L & T CR | L | 424.00 | Ft |

**Sample Number:** 196 **Type:** R **Area:** 5000.00 SqFt **PCI:** 66

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | M | 176.00 | SqFt |
| 48 | L & T CR | L | 222.00 | Ft |
| 52 | RAVELING | L | 2272.00 | SqFt |
| 56 | SWELLING | L | 75.00 | SqFt |

**Sample Number:** 216 **Type:** R **Area:** 5125.00 SqFt **PCI:** 62

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 454.00 | Ft |
| 52 | RAVELING | M | 330.00 | SqFt |
| 48 | L & T CR | M | 10.00 | Ft |
| 52 | RAVELING | L | 1026.00 | SqFt |
| 56 | SWELLING | L | 20.00 | SqFt |

**Sample Number:** 500 **Type:** R **Area:** 5000.00 SqFt **PCI:** 52

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | M | 1680.00 | SqFt |
| 52 | RAVELING | L | 790.00 | SqFt |
| 56 | SWELLING | L | 50.00 | SqFt |
| 48 | L & T CR | L | 243.00 | Ft |

**Sample Number:** 524 **Type:** R **Area:** 5000.00 SqFt **PCI:** 66

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 820.00 | SqFt |
| 56 | SWELLING | L | 500.00 | SqFt |
| 57 | WEATHERING | L | 4180.00 | SqFt |
| 48 | L & T CR | L | 369.00 | Ft |

**Sample Number:** 552 **Type:** R **Area:** 5000.00 SqFt **PCI:** 66

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 351.00 | Ft |
| 57 | WEATHERING | L | 4180.00 | SqFt |
| 56 | SWELLING | L | 200.00 | SqFt |
| 52 | RAVELING | L | 820.00 | SqFt |

**Sample Number:** 568 **Type:** R **Area:** 5000.00 SqFt **PCI:** 61

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 56 | SWELLING | L | 400.00 | SqFt |
| 48 | L & T CR | L | 524.00 | Ft |
| 57 | WEATHERING | L | 4180.00 | SqFt |
| 52 | RAVELING | L | 820.00 | SqFt |

**Sample Number:** 596 **Type:** R **Area:** 5000.00 SqFt **PCI:** 65

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 56 | SWELLING | L | 96.00 | SqFt |
| 52 | RAVELING | M | 140.00 | SqFt |
| 48 | L & T CR | L | 105.00 | Ft |
| 52 | RAVELING | L | 2360.00 | SqFt |

**Sample Number:** 616 **Type:** R **Area:** 5125.00 SqFt **PCI:** 65

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 56 | SWELLING | L | 35.00 | SqFt |
| 48 | L & T CR | L | 338.00 | Ft |
| 48 | L & T CR | M | 20.00 | Ft |
| 52 | RAVELING | M | 370.00 | SqFt |
| 52 | RAVELING | L | 951.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 429,472 SqFt

**Section:** 104 of 9 **From:** - **To:** - **Last Const.:** 1/1/2001

**Surface:** AC **Family:** C9N59-RL-TW-AC **Zone:** **Category:** **Rank:** P

**Area:** 11,949 SqFt **Length:** 195 Ft **Width:** 65 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/2001 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 2 **Surveyed:** 1

**Conditions:** **PCI:** 66

**Inspection Comments:**

**Sample Number:** 098 **Type:** R **Area:** 6016.00 SqFt **PCI:** 66

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 57 | WEATHERING | L | 5266.00 | SqFt |
| 56 | SWELLING | L | 331.00 | SqFt |
| 48 | L & T CR | L | 440.00 | Ft |
| 52 | RAVELING | L | 750.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 429,472 SqFt

**Section:** 114 of 9 **From:** - **To:** - **Last Const.:** 1/1/1999

**Surface:** AC **Family:** C9N59-RL-TW-AC **Zone:** **Category:** **Rank:** P

**Area:** 12,579 SqFt **Length:** 200 Ft **Width:** 50 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1999 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 2 **Surveyed:** 1

**Conditions:** **PCI:** 78

**Inspection Comments:**

**Sample Number:** 102 **Type:** R **Area:** 6113.00 SqFt **PCI:** 78

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 1000.00 | SqFt |
| 57 | WEATHERING | L | 5113.00 | SqFt |
| 48 | L & T CR | L | 162.00 | Ft |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 429,472 SqFt

**Section:** 115 of 9 **From:** - **To:** - **Last Const.:** 1/1/1984

**Surface:** AC **Family:** C9N59-RL-TW-AC **Zone:** **Category:** **Rank:** P

**Area:** 31,644 SqFt **Length:** 870 Ft **Width:** 38 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1984 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 8 **Surveyed:** 1

**Conditions:** **PCI:** 56

**Inspection Comments:**

**Sample Number:** 106 **Type:** R **Area:** 3750.00 SqFt **PCI:** 56

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | M | 100.00 | Ft |
| 48 | L & T CR | L | 335.00 | Ft |
| 52 | RAVELING | M | 50.00 | SqFt |
| 52 | RAVELING | L | 3700.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 429,472 SqFt

**Section:** 116 of 9 **From:** - **To:** - **Last Const.:** 1/1/1984

**Surface:** AC **Family:** C9N59-RL-TW-AC **Zone:** **Category:** **Rank:** P

**Area:** 11,579 SqFt **Length:** 60 Ft **Width:** 150 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1984 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 3 **Surveyed:** 1

**Conditions:** **PCI:** 63

**Inspection Comments:**

**Sample Number:** 114 **Type:** R **Area:** 2998.00 SqFt **PCI:** 63

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 2998.00 | SqFt |
| 48 | L & T CR | M | 10.00 | Ft |
| 48 | L & T CR | L | 329.00 | Ft |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 429,472 SqFt

**Section:** 117 of 9 **From:** - **To:** - **Last Const.:** 1/1/1984

**Surface:** AC **Family:** C9N59-RL-TW-AC **Zone:** **Category:** **Rank:** P

**Area:** 22,912 SqFt **Length:** 390 Ft **Width:** 35 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1984 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 5 **Surveyed:** 1

**Conditions:** **PCI:** 62

**Inspection Comments:**

**Sample Number:** 119 **Type:** R **Area:** 4516.00 SqFt **PCI:** 62

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 4516.00 | SqFt |
| 48 | L & T CR | L | 307.00 | Ft |
| 48 | L & T CR | M | 118.00 | Ft |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 429,472 SqFt

**Section:** 118 of 9 **From:** - **To:** - **Last Const.:** 10/1/2015

**Surface:** AAC **Family:** C9N59-RL-TW-AAC-APC **Zone:** **Category:** **Rank:** P

**Area:** 12,843 SqFt **Length:** 208 Ft **Width:** 47 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1984 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Work Date:** 10/1/2015 **Work Type:** MILL and OVERLAY **Code:** ML-OV **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 3 **Surveyed:** 1

**Conditions:** **PCI:** 94

**Inspection Comments:**

**Sample Number:** 111 **Type:** R **Area:** 4885.00 SqFt **PCI:** 94

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 57 | WEATHERING | L | 4885.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 429,472 SqFt

**Section:** 119 of 9 **From:** - **To:** - **Last Const.:** 10/1/2015

**Surface:** AAC **Family:** C9N59-RL-TW-AAC-APC **Zone:** **Category:** **Rank:** P

**Area:** 8,568 SqFt **Length:** 104 Ft **Width:** 78 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1984 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Work Date:** 10/1/2015 **Work Type:** MILL and OVERLAY **Code:** ML-OV **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 2 **Surveyed:** 1

**Conditions:** **PCI:** 89

**Inspection Comments:**

**Sample Number:** 113 **Type:** R **Area:** 3415.00 SqFt **PCI:** 89

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 30.00 | Ft |
| 57 | WEATHERING | L | 3415.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 429,472 SqFt

**Section:** 125 of 9 **From:** - **To:** - **Last Const.:** 1/1/1997

**Surface:** AAC **Family:** C9N59-RL-TW-AAC-APC **Zone:** **Category:** **Rank:** P

**Area:** 257,040 SqFt **Length:** 3,400 Ft **Width:** 75 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1960 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

**Work Date:** 1/1/1997 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 68 **Surveyed:** 7

**Conditions:** **PCI:** 67

**Inspection Comments:**

**Sample Number:** 116 **Type:** R **Area:** 3750.00 SqFt **PCI:** 62

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 42 | BLEEDING | N | 10.00 | SqFt |
| 56 | SWELLING | L | 175.00 | SqFt |
| 48 | L & T CR | L | 310.00 | Ft |
| 52 | RAVELING | L | 400.00 | SqFt |
| 57 | WEATHERING | L | 3350.00 | SqFt |

**Sample Number:** 126 **Type:** R **Area:** 3750.00 SqFt **PCI:** 73

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 400.00 | SqFt |
| 48 | L & T CR | L | 161.00 | Ft |
| 57 | WEATHERING | L | 3350.00 | SqFt |
| 56 | SWELLING | L | 50.00 | SqFt |

**Sample Number:** 134 **Type:** R **Area:** 3750.00 SqFt **PCI:** 70

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 57 | WEATHERING | L | 3637.00 | SqFt |
| 52 | RAVELING | L | 113.00 | SqFt |
| 56 | SWELLING | L | 163.00 | SqFt |
| 48 | L & T CR | L | 193.00 | Ft |

**Sample Number:** 141 **Type:** R **Area:** 3750.00 SqFt **PCI:** 70

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 400.00 | SqFt |
| 57 | WEATHERING | L | 3350.00 | SqFt |
| 56 | SWELLING | L | 300.00 | SqFt |
| 48 | L & T CR | L | 153.00 | Ft |

**Sample Number:** 149 **Type:** R **Area:** 3750.00 SqFt **PCI:** 71

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 400.00 | SqFt |
| 57 | WEATHERING | L | 3350.00 | SqFt |
| 48 | L & T CR | L | 215.00 | Ft |
| 56 | SWELLING | L | 25.00 | SqFt |

**Sample Number:** 158 **Type:** R **Area:** 3750.00 SqFt **PCI:** 62

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 177.00 | Ft |
| 56 | SWELLING | L | 650.00 | SqFt |
| 52 | RAVELING | L | 188.00 | SqFt |
| 57 | WEATHERING | L | 3562.00 | SqFt |

**Sample Number:** 166 **Type:** R **Area:** 3750.00 SqFt **PCI:** 62

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 57 | WEATHERING | L | 3350.00 | SqFt |

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 400.00 | SqFt |
| 56 | SWELLING | L | 700.00 | SqFt |
| 48 | L & T CR | L | 176.00 | Ft |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 429,472 SqFt

**Section:** 150 of 9 **From:** - **To:** - **Last Const.:** 1/1/1963

**Surface:** AC **Family:** C9N59-RL-TW-AC **Zone:** **Category:** **Rank:** P

**Area:** 60,358 SqFt **Length:** 1,000 Ft **Width:** 50 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1963 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Work Date:** 4/1/2007 **Work Type:** Surface Treatment - Slurry Seal **Code:** ST-SS **Is Major M&R:** False

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 12 **Surveyed:** 2

**Conditions:** **PCI:** 57

**Inspection Comments:**

**Sample Number:** 450 **Type:** R **Area:** 6966.00 SqFt **PCI:** 60

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 56 | SWELLING | L | 1050.00 | SqFt |
| 57 | WEATHERING | M | 3500.00 | SqFt |
| 52 | RAVELING | L | 139.00 | SqFt |
| 48 | L & T CR | L | 260.00 | Ft |
| 57 | WEATHERING | L | 3327.00 | SqFt |

**Sample Number:** 506 **Type:** R **Area:** 5000.00 SqFt **PCI:** 52

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CR | L | 1300.00 | SqFt |
| 48 | L & T CR | M | 200.00 | Ft |
| 48 | L & T CR | L | 266.00 | Ft |
| 52 | RAVELING | L | 5000.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW A1 **Name:** TAXIWAY A1 **Use:** TAXIWAY **Area:** 29,965 SqFt

**Section:** 111 of 2 **From:** - **To:** - **Last Const.:** 1/1/1997

**Surface:** AAC **Family:** C9N59-RL-TW-AAC-APC **Zone:** **Category:** **Rank:** P

**Area:** 15,537 SqFt **Length:** 200 Ft **Width:** 125 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1960 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

**Work Date:** 1/1/1997 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 4 **Surveyed:** 1

**Conditions:** **PCI:** 77

**Inspection Comments:**

**Sample Number:** 105 **Type:** R **Area:** 3750.00 SqFt **PCI:** 77

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 188.00 | SqFt |
| 48 | L & T CR | L | 7.00 | Ft |
| 57 | WEATHERING | L | 2612.00 | SqFt |
| 57 | WEATHERING | M | 950.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW A1 **Name:** TAXIWAY A1 **Use:** TAXIWAY **Area:** 29,965 SqFt

**Section:** 112 of 2 **From:** - **To:** - **Last Const.:** 1/1/1997

**Surface:** AAC **Family:** C9N59-RL-TW-AAC-APC **Zone:** **Category:** **Rank:** P

**Area:** 14,428 SqFt **Length:** 190 Ft **Width:** 75 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1960 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

**Work Date:** 1/1/1997 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 4 **Surveyed:** 1

**Conditions:** **PCI:** 57

**Inspection Comments:**

**Sample Number:** 109 **Type:** R **Area:** 3750.00 SqFt **PCI:** 57

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 1000.00 | SqFt |
| 41 | ALLIGATOR CR | M | 20.00 | SqFt |
| 57 | WEATHERING | L | 2750.00 | SqFt |
| 48 | L & T CR | M | 24.00 | Ft |
| 48 | L & T CR | L | 266.00 | Ft |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW A2 **Name:** TAXIWAY A2 **Use:** TAXIWAY **Area:** 30,935 SqFt

**Section:** 120 of 1 **From:** - **To:** - **Last Const.:** 1/1/1997

**Surface:** AAC **Family:** C9N59-RL-TW-AAC-APC **Zone:** **Category:** **Rank:** P

**Area:** 30,935 SqFt **Length:** 387 Ft **Width:** 75 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1960 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Work Date:** 1/1/1997 **Work Type:** OVERLAY **Code:** IMPORTED **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 8 **Surveyed:** 1

**Conditions:** **PCI:** 65

**Inspection Comments:**

**Sample Number:** 204 **Type:** R **Area:** 3750.00 SqFt **PCI:** 65

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 175.00 | SqFt |
| 56 | SWELLING | L | 125.00 | SqFt |
| 48 | L & T CR | L | 412.00 | Ft |
| 52 | RAVELING | M | 247.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW A3 **Name:** TAXIWAY A3 **Use:** TAXIWAY **Area:** 56,163 SqFt

**Section:** 130 of 1 **From:** - **To:** - **Last Const.:** 1/1/1997

**Surface:** AAC **Family:** C9N59-RL-TW-AAC-APC **Zone:** **Category:** **Rank:** P

**Area:** 56,163 SqFt **Length:** 600 Ft **Width:** 75 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1960 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Work Date:** 1/1/1997 **Work Type:** OVERLAY **Code:** IMPORTED **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 14 **Surveyed:** 3

**Conditions:** **PCI:** 67

**Inspection Comments:**

**Sample Number:** 304 **Type:** R **Area:** 3750.00 SqFt **PCI:** 72

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 57 | WEATHERING | L | 3375.00 | SqFt |
| 48 | L & T CR | M | 1.00 | Ft |
| 52 | RAVELING | L | 375.00 | SqFt |
| 48 | L & T CR | L | 158.00 | Ft |
| 56 | SWELLING | L | 5.00 | SqFt |

**Sample Number:** 311 **Type:** R **Area:** 3820.00 SqFt **PCI:** 74

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 400.00 | SqFt |
| 57 | WEATHERING | L | 3420.00 | SqFt |
| 48 | L & T CR | L | 128.00 | Ft |
| 56 | SWELLING | L | 75.00 | SqFt |

**Sample Number:** 500 **Type:** R **Area:** 6782.00 SqFt **PCI:** 61

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 57 | WEATHERING | L | 5032.00 | SqFt |
| 45 | DEPRESSION | L | 125.00 | SqFt |
| 56 | SWELLING | L | 395.00 | SqFt |
| 48 | L & T CR | L | 503.00 | Ft |
| 52 | RAVELING | L | 1750.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW A4 **Name:** TAXIWAY A4 **Use:** TAXIWAY **Area:** 15,668 SqFt

**Section:** 140 of 1 **From:** - **To:** - **Last Const.:** 1/1/1999

**Surface:** AC **Family:** C9N59-RL-TW-AC **Zone:** **Category:** **Rank:** P

**Area:** 15,668 SqFt **Length:** 397 Ft **Width:** 30 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1999 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 4 **Surveyed:** 1

**Conditions:** **PCI:** 63

**Inspection Comments:**

**Sample Number:** 402 **Type:** R **Area:** 3012.00 SqFt **PCI:** 63

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 151.00 | SqFt |
| 57 | WEATHERING | L | 2861.00 | SqFt |
| 48 | L & T CR | L | 265.00 | Ft |
| 56 | SWELLING | L | 372.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW A5 **Name:** TAXIWAY A5 **Use:** TAXIWAY **Area:** 46,492 SqFt

**Section:** 405 of 2 **From:** - **To:** - **Last Const.:** 1/1/1997

**Surface:** AAC **Family:** C9N59-RL-TW-AAC-APC **Zone:** **Category:** **Rank:** P

**Area:** 37,049 SqFt **Length:** 400 Ft **Width:** 75 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1960 **Work Type:** OVERLAY **Code:** IMPORTED **Is Major M&R:** True

**Work Date:** 1/1/1997 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 8 **Surveyed:** 1

**Conditions:** **PCI:** 65

**Inspection Comments:**

**Sample Number:** 404 **Type:** R **Area:** 3750.00 SqFt **PCI:** 65

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | M | 195.00 | SqFt |
| 48 | L & T CR | M | 20.00 | Ft |
| 52 | RAVELING | L | 178.00 | SqFt |
| 48 | L & T CR | L | 180.00 | Ft |
| 56 | SWELLING | L | 188.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW A5 **Name:** TAXIWAY A5 **Use:** TAXIWAY **Area:** 46,492 SqFt

**Section:** 425 of 2 **From:** - **To:** - **Last Const.:** 1/1/1997

**Surface:** AAC **Family:** C9N59-RL-TW-AAC-APC **Zone:** **Category:** **Rank:** P

**Area:** 9,443 SqFt **Length:** 95 Ft **Width:** 100 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1984 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Work Date:** 1/1/1997 **Work Type:** OVERLAY **Code:** IMPORTED **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 2 **Surveyed:** 1

**Conditions:** **PCI:** 71

**Inspection Comments:**

**Sample Number:** 100 **Type:** R **Area:** 3611.00 SqFt **PCI:** 71

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 56 | SWELLING | L | 5.00 | SqFt |
| 57 | WEATHERING | M | 639.00 | SqFt |
| 57 | WEATHERING | L | 2611.00 | SqFt |
| 48 | L & T CR | L | 142.00 | Ft |
| 52 | RAVELING | L | 361.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW A6 **Name:** TAXIWAY A6 **Use:** TAXIWAY **Area:** 26,953 SqFt

**Section:** 113 of 1 **From:** - **To:** - **Last Const.:** 1/1/2001

**Surface:** AC **Family:** C9N59-RL-TW-AC **Zone:** **Category:** **Rank:** P

**Area:** 26,953 SqFt **Length:** 640 Ft **Width:** 35 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/2001 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 7 **Surveyed:** 1

**Conditions:** **PCI:** 72

**Inspection Comments:**

**Sample Number:** 403 **Type:** R **Area:** 3500.00 SqFt **PCI:** 72

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 181.00 | Ft |
| 52 | RAVELING | L | 50.00 | SqFt |
| 56 | SWELLING | L | 75.00 | SqFt |
| 57 | WEATHERING | L | 3450.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW B **Name:** TAXIWAY B **Use:** TAXIWAY **Area:** 93,858 SqFt

**Section:** 102 of 3 **From:** - **To:** - **Last Const.:** 1/1/1991

**Surface:** AC **Family:** C9N59-RL-TW-AC **Zone:** **Category:** **Rank:** P

**Area:** 6,388 SqFt **Length:** 145 Ft **Width:** 50 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1991 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Work Date:** 1/1/2003 **Work Type:** Surface Treatment - Seal Coat **Code:** ST-SC **Is Major M&R:** False

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 1 **Surveyed:** 1

**Conditions:** **PCI:** 48

**Inspection Comments:**

**Sample Number:** 100 **Type:** R **Area:** 6388.00 SqFt **PCI:** 48

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 42 | BLEEDING | N | 1.00 | SqFt |
| 52 | RAVELING | L | 5388.00 | SqFt |
| 43 | BLOCK CR | L | 2900.00 | SqFt |
| 52 | RAVELING | M | 1000.00 | SqFt |
| 48 | L & T CR | L | 253.00 | Ft |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW B **Name:** TAXIWAY B **Use:** TAXIWAY **Area:** 93,858 SqFt

**Section:** 103 of 3 **From:** - **To:** - **Last Const.:** 1/1/1999

**Surface:** AAC **Family:** C9N59-RL-TW-AAC-APC **Zone:** **Category:** **Rank:** P

**Area:** 57,000 SqFt **Length:** 760 Ft **Width:** 75 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1991 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Work Date:** 1/1/1999 **Work Type:** OVERLAY **Code:** IMPORTED **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 15 **Surveyed:** 2

**Conditions:** **PCI:** 55

**Inspection Comments:**

**Sample Number:** 180 **Type:** R **Area:** 3750.00 SqFt **PCI:** 55

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 295.00 | Ft |
| 50 | PATCHING | L | 6.00 | SqFt |
| 45 | DEPRESSION | L | 16.00 | SqFt |
| 52 | RAVELING | L | 562.00 | SqFt |
| 57 | WEATHERING | L | 2744.00 | SqFt |
| 57 | WEATHERING | M | 438.00 | SqFt |
| 56 | SWELLING | L | 213.00 | SqFt |

**Sample Number:** 190 **Type:** R **Area:** 3750.00 SqFt **PCI:** 56

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 57 | WEATHERING | M | 437.00 | SqFt |
| 56 | SWELLING | L | 300.00 | SqFt |
| 48 | L & T CR | L | 407.00 | Ft |
| 57 | WEATHERING | L | 2750.00 | SqFt |
| 52 | RAVELING | L | 563.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW B **Name:** TAXIWAY B **Use:** TAXIWAY **Area:** 93,858 SqFt

**Section:** 105 of 3 **From:** - **To:** - **Last Const.:** 12/25/2015

**Surface:** AAC **Family:** C9N59-RL-TW-AAC-APC **Zone:** **Category:** **Rank:** P

**Area:** 30,470 SqFt **Length:** 435 Ft **Width:** 75 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

| | | | | | |
|---|---|---|---|---|---|
| **Work Date:** 1/1/1960 | **Work Type:** BUILT | **Code:** IMPORTED | **Is Major M&R:** True |
| **Work Date:** 1/1/1997 | **Work Type:** OVERLAY | **Code:** IMPORTED | **Is Major M&R:** True |
| **Work Date:** 12/25/2015 | **Work Type:** MILL and OVERLAY | **Code:** ML-OV | **Is Major M&R:** True |

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 8 **Surveyed:** 1

**Conditions:** **PCI:** 87

**Inspection Comments:**

**Sample Number:** 198 **Type:** R **Area:** 3750.00 SqFt **PCI:** 87

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 89.00 | Ft |
| 57 | WEATHERING | L | 3750.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW E **Name:** TAXIWAY E **Use:** TAXIWAY **Area:** 208,227 SqFt

**Section:** 505 of 5 **From:** - **To:** - **Last Const.:** 1/1/1983

**Surface:** AC **Family:** C9N59-RL-TW-AC **Zone:** **Category:** **Rank:** P

**Area:** 78,110 SqFt **Length:** 1,822 Ft **Width:** 40 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1983 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 19 **Surveyed:** 3

**Conditions:** **PCI:** 65

**Inspection Comments:**

**Sample Number:** 107 **Type:** R **Area:** 4000.00 SqFt **PCI:** 64

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | M | 36.00 | Ft |
| 48 | L & T CR | L | 370.00 | Ft |
| 52 | RAVELING | L | 4000.00 | SqFt |

**Sample Number:** 112 **Type:** R **Area:** 4000.00 SqFt **PCI:** 62

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 460.00 | Ft |
| 52 | RAVELING | L | 4000.00 | SqFt |
| 48 | L & T CR | M | 18.00 | Ft |

**Sample Number:** 118 **Type:** R **Area:** 4000.00 SqFt **PCI:** 69

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 318.00 | Ft |
| 52 | RAVELING | L | 4000.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW E **Name:** TAXIWAY E **Use:** TAXIWAY **Area:** 208,227 SqFt

**Section:** 530 of 5 **From:** - **To:** - **Last Const.:** 12/25/2015

**Surface:** AAC **Family:** C9N59-RL-TW-AAC-APC **Zone:** **Category:** **Rank:** P

**Area:** 46,191 SqFt **Length:** 680 Ft **Width:** 40 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1983 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Work Date:** 12/25/2015 **Work Type:** MILL and OVERLAY **Code:** ML-OV **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 11 **Surveyed:** 2

**Conditions:** **PCI:** 93

**Inspection Comments:**

**Sample Number:** 125 **Type:** R **Area:** 4000.00 SqFt **PCI:** 94

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 57 | WEATHERING | L | 4000.00 | SqFt |

**Sample Number:** 128 **Type:** R **Area:** 3000.00 SqFt **PCI:** 92

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 50 | PATCHING | L | 4.00 | SqFt |
| 57 | WEATHERING | L | 2996.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW E **Name:** TAXIWAY E **Use:** TAXIWAY **Area:** 208,227 SqFt

**Section:** 540 of 5 **From:** - **To:** - **Last Const.:** 12/25/2015

**Surface:** AAC **Family:** C9N59-RL-TW-AAC-APC **Zone:** **Category:** **Rank:** P

**Area:** 21,326 SqFt **Length:** 350 Ft **Width:** 40 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1991 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Work Date:** 12/25/2015 **Work Type:** MILL and OVERLAY **Code:** ML-OV **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 5 **Surveyed:** 1

**Conditions:** **PCI:** 94

**Inspection Comments:**

**Sample Number:** 131 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 57 | WEATHERING | L | 5000.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW E **Name:** TAXIWAY E **Use:** TAXIWAY **Area:** 208,227 SqFt

**Section:** 545 of 5 **From:** - **To:** - **Last Const.:** 12/25/2015

**Surface:** AAC **Family:** C9N59-RL-TW-AAC-APC **Zone:** **Category:** **Rank:** P

**Area:** 9,618 SqFt **Length:** 180 Ft **Width:** 45 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

| | | | | | |
|---|---|---|---|---|---|
| **Work Date:** 1/1/1978 | **Work Type:** BUILT | **Code:** IMPORTED | **Is Major M&R:** True |
| **Work Date:** 1/1/1984 | **Work Type:** REPAIR | **Code:** IMPORTED | **Is Major M&R:** False |
| **Work Date:** 12/25/2015 | **Work Type:** MILL and OVERLAY | **Code:** ML-OV | **Is Major M&R:** True |

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 2 **Surveyed:** 1

**Conditions:** **PCI:** 88

**Inspection Comments:**

**Sample Number:** 104 **Type:** R **Area:** 5385.00 SqFt **PCI:** 88

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 106.00 | Ft |
| 57 | WEATHERING | L | 5385.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW E **Name:** TAXIWAY E **Use:** TAXIWAY **Area:** 208,227 SqFt

**Section:** 550 of 5 **From:** - **To:** - **Last Const.:** 12/25/2015

**Surface:** AAC **Family:** C9N59-RL-TW-AAC-APC **Zone:** **Category:** **Rank:** P

**Area:** 52,982 SqFt **Length:** 1,336 Ft **Width:** 40 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1979 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Work Date:** 1/1/1984 **Work Type:** REPAIR **Code:** IMPORTED **Is Major M&R:** False

**Work Date:** 12/25/2015 **Work Type:** MILL and OVERLAY **Code:** ML-OV **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 13 **Surveyed:** 2

**Conditions:** **PCI:** 91

**Inspection Comments:**

**Sample Number:** 137 **Type:** R **Area:** 4000.00 SqFt **PCI:** 91

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 8.00 | Ft |
| 57 | WEATHERING | L | 4000.00 | SqFt |

**Sample Number:** 146 **Type:** R **Area:** 4000.00 SqFt **PCI:** 92

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 2.00 | Ft |
| 57 | WEATHERING | L | 4000.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW E1 **Name:** TAXIWAY E1 **Use:** TAXIWAY **Area:** 5,073 SqFt

**Section:** 501 of 1 **From:** - **To:** - **Last Const.:** 1/1/1977

**Surface:** AC **Family:** C9N59-RL-TW-AC **Zone:** **Category:** **Rank:** T

**Area:** 5,073 SqFt **Length:** 40 Ft **Width:** 125 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1977 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 1 **Surveyed:** 1

**Conditions:** **PCI:** 50

**Inspection Comments:**

**Sample Number:** 100 **Type:** R **Area:** 5073.00 SqFt **PCI:** 50

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 136.00 | Ft |
| 52 | RAVELING | L | 4058.00 | SqFt |
| 48 | L & T CR | M | 30.00 | Ft |
| 43 | BLOCK CR | L | 2190.00 | SqFt |
| 57 | WEATHERING | L | 1015.00 | SqFt |
| 56 | SWELLING | L | 110.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW E2 **Name:** TAXIWAY E2 **Use:** TAXIWAY **Area:** 12,331 SqFt

**Section:** 510 of 2 **From:** - **To:** - **Last Const.:** 1/1/1983

**Surface:** AC **Family:** C9N59-RL-TW-AC **Zone:** **Category:** **Rank:** P

**Area:** 9,644 SqFt **Length:** 140 Ft **Width:** 40 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1983 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 2 **Surveyed:** 1

**Conditions:** **PCI:** 46

**Inspection Comments:**

**Sample Number:** 201 **Type:** R **Area:** 6531.00 SqFt **PCI:** 46

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 6291.00 | SqFt |
| 52 | RAVELING | M | 240.00 | SqFt |
| 56 | SWELLING | L | 80.00 | SqFt |
| 48 | L & T CR | L | 360.00 | Ft |
| 43 | BLOCK CR | L | 3740.00 | SqFt |
| 48 | L & T CR | M | 30.00 | Ft |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW E2 **Name:** TAXIWAY E2 **Use:** TAXIWAY **Area:** 12,331 SqFt

**Section:** 512 of 2 **From:** - **To:** - **Last Const.:** 1/1/1983

**Surface:** AC **Family:** C9N59-RL-TW-AC **Zone:** **Category:** **Rank:** P

**Area:** 2,687 SqFt **Length:** 75 Ft **Width:** 40 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1983 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 1 **Surveyed:** 1

**Conditions:** **PCI:** 61

**Inspection Comments:**

**Sample Number:** 300 **Type:** R **Area:** 2687.00 SqFt **PCI:** 61

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 269.00 | SqFt |
| 56 | SWELLING | L | 44.00 | SqFt |
| 48 | L & T CR | L | 200.00 | Ft |
| 57 | WEATHERING | L | 2418.00 | SqFt |
| 48 | L & T CR | M | 9.00 | Ft |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW E3 **Name:** TAXIWAY E3 **Use:** TAXIWAY **Area:** 55,837 SqFt

**Section:** 417 of 4 **From:** - **To:** - **Last Const.:** 1/1/1977

**Surface:** AC **Family:** C9N59-RL-TW-AC **Zone:** **Category:** **Rank:** P

**Area:** 8,311 SqFt **Length:** 42 Ft **Width:** 200 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1977 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 2 **Surveyed:** 1

**Conditions:** **PCI:** 29

**Inspection Comments:**

**Sample Number:** 411 **Type:** R **Area:** 5023.00 SqFt **PCI:** 29

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 50 | PATCHING | L | 80.00 | SqFt |
| 48 | L & T CR | L | 560.00 | Ft |
| 52 | RAVELING | M | 4943.00 | SqFt |
| 48 | L & T CR | M | 223.00 | Ft |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW E3 **Name:** TAXIWAY E3 **Use:** TAXIWAY **Area:** 55,837 SqFt

**Section:** 420 of 4 **From:** - **To:** - **Last Const.:** 1/1/1984

**Surface:** AC **Family:** C9N59-RL-TW-AC **Zone:** **Category:** **Rank:** P

**Area:** 36,384 SqFt **Length:** 40 Ft **Width:** 900 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1984 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 8 **Surveyed:** 3

**Conditions:** **PCI:** 50

**Inspection Comments:**

**Sample Number:** 405 **Type:** R **Area:** 4000.00 SqFt **PCI:** 39

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 300.00 | Ft |
| 53 | RUTTING | L | 60.00 | SqFt |
| 45 | DEPRESSION | M | 355.00 | SqFt |
| 52 | RAVELING | L | 4000.00 | SqFt |
| 45 | DEPRESSION | L | 49.00 | SqFt |
| 48 | L & T CR | M | 87.00 | Ft |

**Sample Number:** 406 **Type:** R **Area:** 4000.00 SqFt **PCI:** 42

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | L | 4000.00 | SqFt |
| 45 | DEPRESSION | H | 120.00 | SqFt |
| 45 | DEPRESSION | M | 25.00 | SqFt |
| 45 | DEPRESSION | L | 77.00 | SqFt |
| 48 | L & T CR | L | 248.00 | Ft |

**Sample Number:** 410 **Type:** R **Area:** 6039.00 SqFt **PCI:** 63

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 45 | DEPRESSION | L | 15.00 | SqFt |
| 50 | PATCHING | L | 520.00 | SqFt |
| 52 | RAVELING | L | 5519.00 | SqFt |
| 48 | L & T CR | L | 326.00 | Ft |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW E3 **Name:** TAXIWAY E3 **Use:** TAXIWAY **Area:** 55,837 SqFt

**Section:** 520 of 4 **From:** - **To:** - **Last Const.:** 1/1/1983

**Surface:** AC **Family:** C9N59-RL-TW-AC **Zone:** **Category:** **Rank:** P

**Area:** 9,009 SqFt **Length:** 225 Ft **Width:** 40 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1983 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 2 **Surveyed:** 1

**Conditions:** **PCI:** 46

**Inspection Comments:**

**Sample Number:** 401 **Type:** R **Area:** 4273.00 SqFt **PCI:** 46

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 50 | PATCHING | L | 380.00 | SqFt |
| 56 | SWELLING | L | 84.00 | SqFt |
| 52 | RAVELING | L | 3573.00 | SqFt |
| 52 | RAVELING | M | 320.00 | SqFt |
| 48 | L & T CR | L | 477.00 | Ft |
| 48 | L & T CR | M | 100.00 | Ft |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW E3 **Name:** TAXIWAY E3 **Use:** TAXIWAY **Area:** 55,837 SqFt

**Section:** 522 of 4 **From:** - **To:** - **Last Const.:** 1/1/1983

**Surface:** AC **Family:** C9N59-RL-TW-AC **Zone:** **Category:** **Rank:** P

**Area:** 2,133 SqFt **Length:** 67 Ft **Width:** 32 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1983 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 1 **Surveyed:** 1

**Conditions:** **PCI:** 48

**Inspection Comments:**

**Sample Number:** 500 **Type:** R **Area:** 2128.00 SqFt **PCI:** 48

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 56 | SWELLING | L | 300.00 | SqFt |
| 57 | WEATHERING | L | 1278.00 | SqFt |
| 48 | L & T CR | M | 100.00 | Ft |
| 48 | L & T CR | L | 284.00 | Ft |
| 52 | RAVELING | L | 850.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW E4 **Name:** TAXIWAY E4 **Use:** TAXIWAY **Area:** 166,492 SqFt

**Section:** 1070 of 4 **From:** - **To:** - **Last Const.:** 1/1/1977

**Surface:** AAC **Family:** C9N59-RL-TW-AAC-APC **Zone:** **Category:** **Rank:** P

**Area:** 130,837 SqFt **Length:** 1,072 Ft **Width:** 75 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1977 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Work Date:** 1/1/1977 **Work Type:** OVERLAY **Code:** IMPORTED **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 31 **Surveyed:** 4

**Conditions:** **PCI:** 50

**Inspection Comments:**

**Sample Number:** 119 **Type:** R **Area:** 6500.00 SqFt **PCI:** 43

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 740.00 | Ft |
| 48 | L & T CR | M | 165.00 | Ft |
| 56 | SWELLING | L | 15.00 | SqFt |
| 52 | RAVELING | L | 4200.00 | SqFt |
| 52 | RAVELING | M | 2300.00 | SqFt |

**Sample Number:** 302 **Type:** R **Area:** 3750.00 SqFt **PCI:** 61

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 440.00 | Ft |
| 52 | RAVELING | L | 3750.00 | SqFt |
| 42 | BLEEDING | N | 3.00 | SqFt |
| 48 | L & T CR | M | 50.00 | Ft |

**Sample Number:** 312 **Type:** R **Area:** 3750.00 SqFt **PCI:** 51

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 420.00 | Ft |
| 56 | SWELLING | L | 30.00 | SqFt |
| 48 | L & T CR | M | 20.00 | Ft |
| 52 | RAVELING | M | 375.00 | SqFt |
| 52 | RAVELING | L | 3375.00 | SqFt |

**Sample Number:** 316 **Type:** R **Area:** 3750.00 SqFt **PCI:** 52

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | M | 375.00 | SqFt |
| 52 | RAVELING | L | 3375.00 | SqFt |
| 48 | L & T CR | L | 383.00 | Ft |
| 56 | SWELLING | L | 20.00 | SqFt |
| 48 | L & T CR | M | 50.00 | Ft |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW E4 **Name:** TAXIWAY E4 **Use:** TAXIWAY **Area:** 166,492 SqFt

**Section:** 1080 of 4 **From:** - **To:** - **Last Const.:** 1/1/1977

**Surface:** AAC **Family:** C9N59-RL-TW-AAC-APC **Zone:** **Category:** **Rank:** P

**Area:** 8,393 SqFt **Length:** 80 Ft **Width:** 50 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1977 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Work Date:** 1/1/1977 **Work Type:** OVERLAY **Code:** IMPORTED **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 2 **Surveyed:** 1

**Conditions:** **PCI:** 56

**Inspection Comments:**

**Sample Number:** 100 **Type:** R **Area:** 4281.00 SqFt **PCI:** 56

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 428.00 | Ft |
| 48 | L & T CR | M | 67.00 | Ft |
| 43 | BLOCK CR | L | 420.00 | SqFt |
| 52 | RAVELING | L | 4281.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW E4 **Name:** TAXIWAY E4 **Use:** TAXIWAY **Area:** 166,492 SqFt

**Section:** 1105 of 4 **From:** - **To:** - **Last Const.:** 1/1/1991

**Surface:** AC **Family:** C9N59-RL-TW-AC **Zone:** **Category:** **Rank:** T

**Area:** 6,580 SqFt **Length:** 175 Ft **Width:** 38 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1991 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 1 **Surveyed:** 1

**Conditions:** **PCI:** 70

**Inspection Comments:**

**Sample Number:** 100 **Type:** R **Area:** 6580.00 SqFt **PCI:** 70

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 222.00 | Ft |
| 52 | RAVELING | L | 2632.00 | SqFt |
| 56 | SWELLING | L | 25.00 | SqFt |
| 57 | WEATHERING | L | 3948.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW E4 **Name:** TAXIWAY E4 **Use:** TAXIWAY **Area:** 166,492 SqFt

**Section:** 1110 of 4 **From:** - **To:** - **Last Const.:** 12/25/2015

**Surface:** AAC **Family:** C9N59-RL-TW-AAC-APC **Zone:** **Category:** **Rank:** T

**Area:** 20,682 SqFt **Length:** 70 Ft **Width:** 75 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1991 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Work Date:** 12/25/2015 **Work Type:** MILL and OVERLAY **Code:** ML-OV **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 4 **Surveyed:** 1

**Conditions:** **PCI:** 94

**Inspection Comments:**

**Sample Number:** 104 **Type:** R **Area:** 4994.00 SqFt **PCI:** 94

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 57 | WEATHERING | L | 4994.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW E5 **Name:** TAXIWAY E5 **Use:** TAXIWAY **Area:** 15,005 SqFt

**Section:** 560 of 2 **From:** - **To:** - **Last Const.:** 1/1/1991

**Surface:** AC **Family:** C9N59-RL-TW-AC **Zone:** **Category:** **Rank:** P

**Area:** 5,540 SqFt **Length:** 115 Ft **Width:** 40 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1991 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 1 **Surveyed:** 1

**Conditions:** **PCI:** 65

**Inspection Comments:**

**Sample Number:** 100 **Type:** R **Area:** 5540.00 SqFt **PCI:** 65

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 18.00 | Ft |
| 52 | RAVELING | M | 277.00 | SqFt |
| 52 | RAVELING | L | 5263.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW E5 **Name:** TAXIWAY E5 **Use:** TAXIWAY **Area:** 15,005 SqFt

**Section:** 565 of 2 **From:** - **To:** - **Last Const.:** 10/1/2015

**Surface:** AAC **Family:** C9N59-RL-TW-AAC-APC **Zone:** **Category:** **Rank:** P

**Area:** 9,465 SqFt **Length:** 140 Ft **Width:** 40 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1991 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Work Date:** 10/1/2015 **Work Type:** MILL and OVERLAY **Code:** ML-OV **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 2 **Surveyed:** 1

**Conditions:** **PCI:** 94

**Inspection Comments:**

**Sample Number:** 102 **Type:** R **Area:** 5179.00 SqFt **PCI:** 94

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 57 | WEATHERING | L | 5179.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW E6 **Name:** TAXIWAY E6 **Use:** TAXIWAY **Area:** 28,881 SqFt

**Section:** 805 of 2 **From:** - **To:** - **Last Const.:** 1/1/1984

**Surface:** AC **Family:** C9N59-RL-TW-AC **Zone:** **Category:** **Rank:** P

**Area:** 17,742 SqFt **Length:** 185 Ft **Width:** 40 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

| | | | | | |
|---|---|---|---|---|---|
| **Work Date:** 1/1/1984 | **Work Type:** BUILT | **Code:** IMPORTED | **Is Major M&R:** True |
| **Work Date:** 1/1/2017 | **Work Type:** Crack Sealing - AC | **Code:** CS-AC | **Is Major M&R:** False |

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 4 **Surveyed:** 1

**Conditions:** **PCI:** 67

**Inspection Comments:**

**Sample Number:** 801 **Type:** R **Area:** 4010.00 SqFt **PCI:** 67

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 394.00 | Ft |
| 52 | RAVELING | L | 4010.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW E6 **Name:** TAXIWAY E6 **Use:** TAXIWAY **Area:** 28,881 SqFt

**Section:** 820 of 2 **From:** - **To:** - **Last Const.:** 12/25/2015

**Surface:** AC **Family:** C9N59-RL-TW-AC **Zone:** **Category:** **Rank:** P

**Area:** 11,139 SqFt **Length:** 145 Ft **Width:** 70 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1999 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Work Date:** 12/25/2015 **Work Type:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 3 **Surveyed:** 1

**Conditions:** **PCI:** 94

**Inspection Comments:**

**Sample Number:** 101 **Type:** R **Area:** 3178.00 SqFt **PCI:** 94

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 57 | WEATHERING | L | 3178.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW F **Name:** TAXIWAY F **Use:** TAXIWAY **Area:** 54,815 SqFt

**Section:** 605 of 1 **From:** - **To:** - **Last Const.:** 1/1/1984

**Surface:** AC **Family:** C9N59-RL-TW-AC **Zone:** **Category:** **Rank:** P

**Area:** 54,815 SqFt **Length:** 1,300 Ft **Width:** 40 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1984 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 13 **Surveyed:** 2

**Conditions:** **PCI:** 45

**Inspection Comments:**

**Sample Number:** 602 **Type:** R **Area:** 4000.00 SqFt **PCI:** 48

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CR | L | 40.00 | SqFt |
| 48 | L & T CR | L | 740.00 | Ft |
| 56 | SWELLING | L | 14.00 | SqFt |
| 48 | L & T CR | M | 100.00 | Ft |
| 52 | RAVELING | L | 4000.00 | SqFt |

**Sample Number:** 611 **Type:** R **Area:** 4000.00 SqFt **PCI:** 42

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 52 | RAVELING | M | 2000.00 | SqFt |
| 48 | L & T CR | L | 427.00 | Ft |
| 43 | BLOCK CR | L | 350.00 | SqFt |
| 52 | RAVELING | L | 2000.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW G **Name:** TAXIWAY G **Use:** TAXIWAY **Area:** 39,911 SqFt

**Section:** 705 of 2 **From:** - **To:** - **Last Const.:** 1/1/1984

**Surface:** AC **Family:** C9N59-RL-TW-AC **Zone:** **Category:** **Rank:** P

**Area:** 30,099 SqFt **Length:** 660 Ft **Width:** 40 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1984 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 7 **Surveyed:** 2

**Conditions:** **PCI:** 54

**Inspection Comments:**

**Sample Number:** 701 **Type:** R **Area:** 4005.00 SqFt **PCI:** 58

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 56 | SWELLING | L | 225.00 | SqFt |
| 43 | BLOCK CR | L | 216.00 | SqFt |
| 52 | RAVELING | L | 4005.00 | SqFt |
| 48 | L & T CR | L | 417.00 | Ft |

**Sample Number:** 705 **Type:** R **Area:** 4000.00 SqFt **PCI:** 51

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CR | L | 1294.00 | SqFt |
| 56 | SWELLING | L | 600.00 | SqFt |
| 48 | L & T CR | L | 341.00 | Ft |
| 52 | RAVELING | L | 4000.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW G **Name:** TAXIWAY G **Use:** TAXIWAY **Area:** 39,911 SqFt

**Section:** 710 of 2 **From:** - **To:** - **Last Const.:** 1/1/1988

**Surface:** AC **Family:** C9N59-RL-TW-AC **Zone:** **Category:** **Rank:** P

**Area:** 9,812 SqFt **Length:** 215 Ft **Width:** 40 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1988 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 2 **Surveyed:** 1

**Conditions:** **PCI:** 55

**Inspection Comments:**

**Sample Number:** 707 **Type:** R **Area:** 4000.00 SqFt **PCI:** 55

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 56 | SWELLING | L | 325.00 | SqFt |
| 48 | L & T CR | L | 510.00 | Ft |
| 52 | RAVELING | L | 3950.00 | SqFt |
| 52 | RAVELING | M | 50.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW H **Name:** TAXIWAY H **Use:** TAXIWAY **Area:** 62,452 SqFt

**Section:** 806 of 1 **From:** - **To:** - **Last Const.:** 1/1/1983

**Surface:** AC **Family:** C9N59-RL-TW-AC **Zone:** **Category:** **Rank:** P

**Area:** 62,452 SqFt **Length:** 1,560 Ft **Width:** 40 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1983 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

**Work Date:** 1/1/2015 **Work Type:** Surface Treatment - Seal Coat **Code:** ST-SC **Is Major M&R:** False

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 16 **Surveyed:** 3

**Conditions:** **PCI:** 52

**Inspection Comments:**

**Sample Number:** 112 **Type:** R **Area:** 4000.00 SqFt **PCI:** 46

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 46.00 | Ft |
| 48 | L & T CR | M | 445.00 | Ft |
| 52 | RAVELING | L | 4000.00 | SqFt |
| 43 | BLOCK CR | L | 590.00 | SqFt |

**Sample Number:** 122 **Type:** R **Area:** 4000.00 SqFt **PCI:** 55

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 43 | BLOCK CR | L | 2000.00 | SqFt |
| 52 | RAVELING | L | 4000.00 | SqFt |
| 48 | L & T CR | L | 256.00 | Ft |

**Sample Number:** 130 **Type:** R **Area:** 4000.00 SqFt **PCI:** 53

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 403.00 | Ft |
| 43 | BLOCK CR | L | 1400.00 | SqFt |
| 52 | RAVELING | L | 4000.00 | SqFt |

**Network:** ORL **Name:** ORLANDO EXECUTIVE AIRPORT

**Branch:** TW K **Name:** TAXIWAY K **Use:** TAXIWAY **Area:** 27,266 SqFt

**Section:** 610 of 1 **From:** - **To:** - **Last Const.:** 1/1/1999

**Surface:** AC **Family:** C9N59-RL-TW-AC **Zone:** **Category:** **Rank:** P

**Area:** 27,266 SqFt **Length:** 500 Ft **Width:** 50 Ft

**Slabs:** **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

**Shoulder:** **Street Type:** **Grade:** 0 **Lanes:** 0

**Section Comments:**

**Work Date:** 1/1/1999 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

**Last Insp. Date:** 3/4/2019 **TotalSamples:** 6 **Surveyed:** 1

**Conditions:** **PCI:** 70

**Inspection Comments:**

**Sample Number:** 102 **Type:** R **Area:** 4000.00 SqFt **PCI:** 70

**Sample Comments:**

| | | | | |
|---|---|---|---|---|
| 48 | L & T CR | L | 154.00 | Ft |
| 52 | RAVELING | L | 50.00 | SqFt |
| 48 | L & T CR | M | 23.00 | Ft |
| 56 | SWELLING | L | 65.00 | SqFt |
| 57 | WEATHERING | L | 3950.00 | SqFt |