



SOUTH CAROLINA AERONAUTICS COMMISSION

STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

 AIK - Aiken Regional Airport



Kimley»»Horn

2023



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Overview

Introduction

For over 20 years, the South Carolina Aeronautics Commission (SCAC) has implemented an airfield pavement management program for publicly owned South Carolina airports. As part of their grant assurances federally obligated airports are required to perform detailed inspections as outlined in the FAA Advisory Circular 150/5380-7B – “Airport Pavement Management Program (PMP)”. All inspections performed within this program follow the guidance documented within the ASTM D5340-20 – “Standard Test Method for Airport Pavement Condition Surveys”. This is an objective process to assess the pavement condition in a consistent and repeatable manner.

Due to ever-changing pavement conditions, the FAA AC 150/5380-7B recommends the PMP be updated every 3 years. The overall pavement conditions are analyzed using the ASTM PCI methodology. It provides decision makers with a comparison of pavement facilities and a relative indication of their required maintenance or level of repair to aid in project prioritization. A detailed explanation of the SCAC airfield pavement management program process and pavement management terminology can be found in the SCAC Statewide Report.

Project elements performed for this 2021-2024 program update include the development and updates of pavement inventories, documentation of pavement conditions, performance modeling, and maintenance and rehabilitation (M&R) needs for all participating airports. This report summarizes the results of the SCAC pavement program update at Aiken Regional Airport (AIK).

Figure 1 – Airport Layout



System Inventory

The pavements at Aiken Regional Airport (AIK) include approximately 1.8 million square feet of airfield pavements consisting of runways, taxiways, taxilane, and aprons. Per the guidance in the ASTM D5340-20, all pavements were divided and subdivided into pavement management units (Network, Branch, Section, Sample). The divisions are documented in the **Network Definition Exhibit** providing the name and location of each branch, section, and sample.

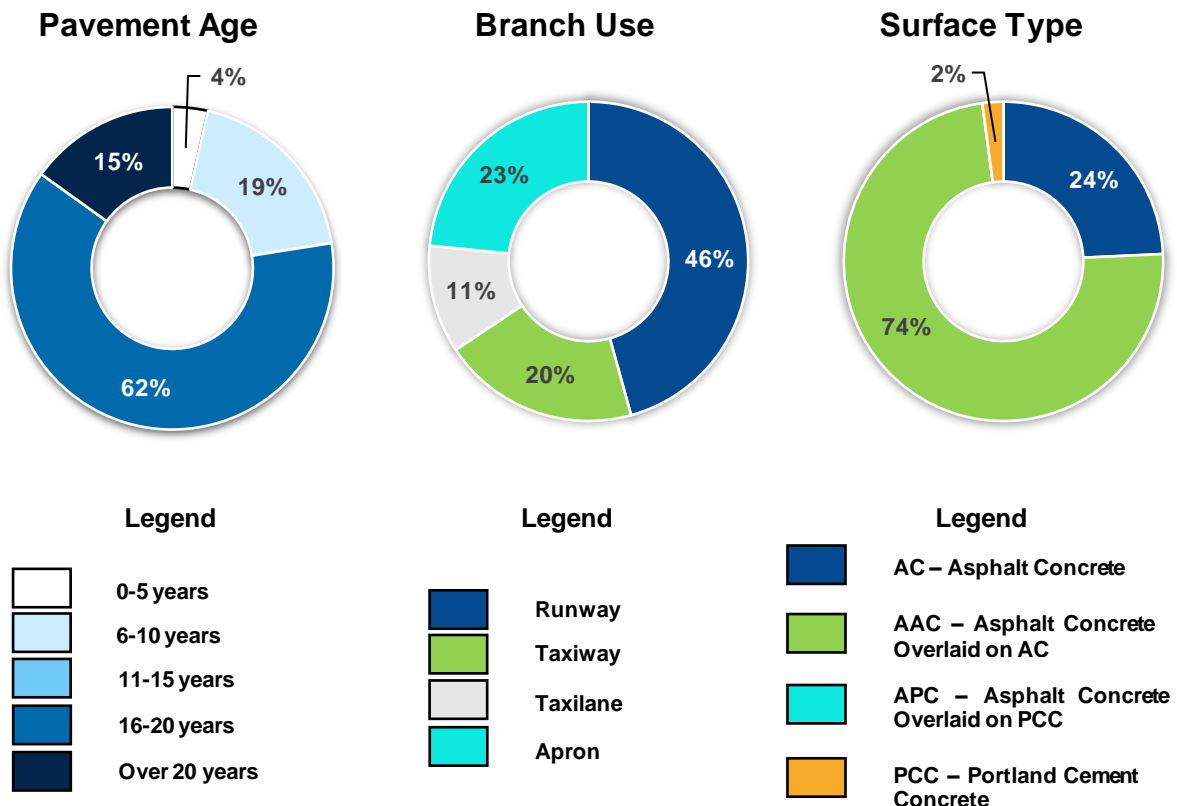
Each pavement update included a review of documentation of any maintenance and major rehabilitation related activities performed on the airfield pavements. The following table summarizes the projects that have occurred since the previous inspection.

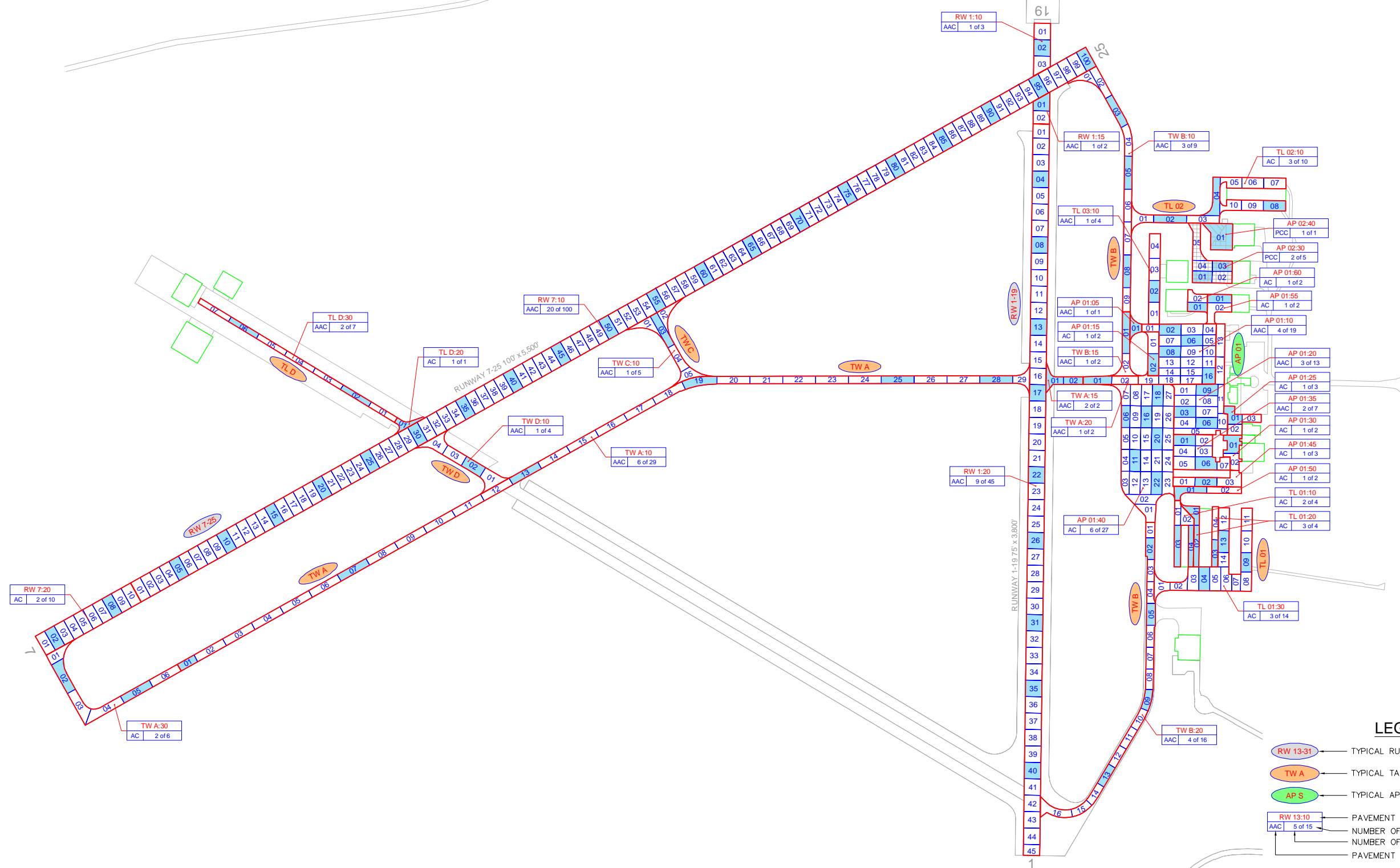
Table 1 - Recent Airfield Pavement Construction

Construction Year	Location	Work Type / Pavement Section
2019	AP 01, RW 1, RW 7, TL 01, TL 02, TL 03, TL D TW A, TW B, TW C	Crack Sealing - AC Surface Seal - Rejuvenating
2020	TL 01	New Construction - AC 2" SC-403, 6" SC-305

The following figure summarizes the inventory items at Aiken Regional Airport (AIK). The **Estimated Age Exhibit** provides the last major work date for each pavement section based on the collected documentation.

Figure 2 – System Inventory Summary





LEGEND

- TYPICAL RUNWAY BRANCH ID
- TYPICAL TAXIWAY BRANCH ID
- TYPICAL APRON BRANCH ID
- PAVEMENT BRANCH ID: SECTION ID
- NUMBER OF SAMPLE UNITS IN SECTION
- NUMBER OF SAMPLE UNITS TO BE INSPECTED
- PAVEMENT SURFACE TYPE
- SECTION NOT INSPECTED DUE TO RECENT CONSTRUCTION. SEE ESTIMATED AGE EXHIBIT FOR CONSTRUCTION DATES.
- INSPECTED SAMPLE UNITS.

TOTAL SAMPLES INSPECTED = 95
AC: 92 PCC: 3

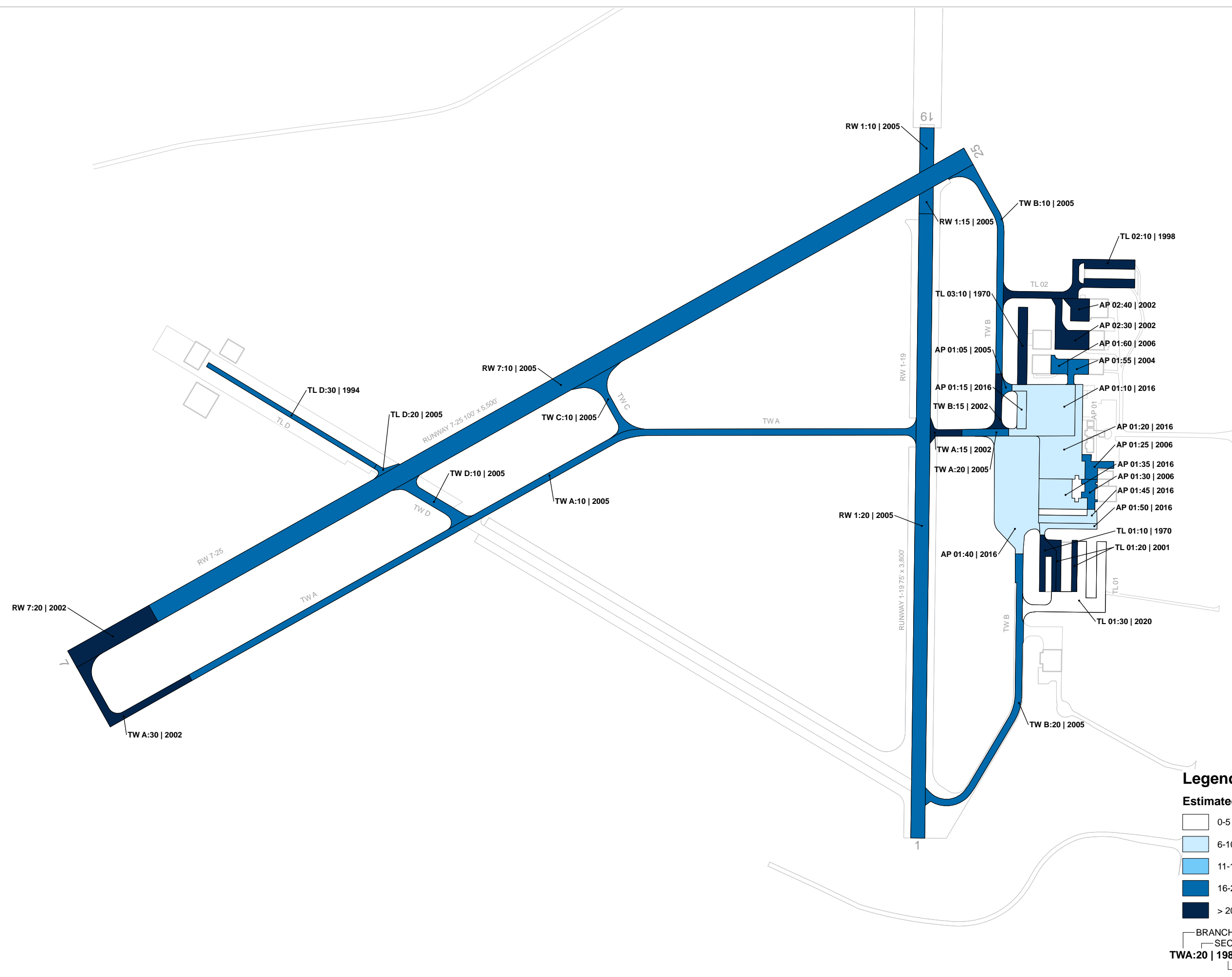
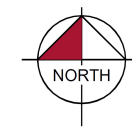
RUNWAY LENGTHS DEPICTED IN THIS DRAWING ARE FOR PAVEMENT MANAGEMENT PURPOSES ONLY AND MAY NOT MATCH PUBLISHED RUNWAY LENGTHS. DRAWING NOT TO SCALE.

STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

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AIKEN REGIONAL AIRPORT (AIK)
 AIRFIELD PAVEMENT NETWORK DEFINITION EXHIBIT





Legend

Estimated Age at Inspection

- 0-5 Years
- 6-10 Years
- 11-15 Years
- 16-20 Years
- > 20 Years

┌───┐ BRANCH IDENTIFIER
└───┘ SECTION IDENTIFIER

TWA:20 | 1985

└───┘ LAST MAJOR WORK DATE



Functional Evaluation

Pavement Condition Index

A Pavement Condition Index (PCI) survey is the primary means of obtaining and recording pavement distress data. In adherence to FAA Advisory Circular 150/5380-7B, the SCAC Airfield Pavement Management System (APMS) Update utilizes the PCI survey methodology to collect pavement distress data and analyze the condition. This method uses a visual statistical sampling of pavements for recording primary distress types, associated severities, and quantities as defined by the ASTM D5340-20.

Visual condition data collected during the PCI survey is analyzed and used to calculate the current PCI for each inspected sample unit and section. The PCI is a value ranging from 0 to 100, which indicates the apparent structural integrity and surface operational condition of the pavement, with “100” indicating a pavement in new condition and “0” indicating a failed pavement section. Pavement Condition Ratings are associated with PCI categories that range from “Failed” to “Good”. Representative photos of varying Pavement Condition Ratings are displayed in **Figure 3**.

Figure 3 – Representation of Pavement Condition Index Values



Poor/Failed Pavement

Pavements that are Poor to Failed require significant and costly interventions such as reconstruction to restore the pavement to operational service.



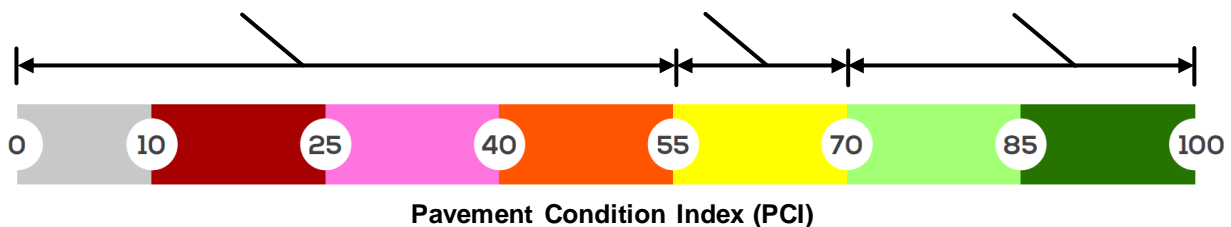
Fair Pavement

Pavements with a Fair condition rating typically require rehabilitation, or maintenance activities if rehabilitation cannot be immediately performed.



Good/New Pavement

Pavements classified as Good require either no treatment or would benefit from the application of preventive maintenance activities such as crack sealing.



Critical PCI

From a pavement management perspective, one of the most valuable aspects of the PCI methodology is the ability to save money by effectively prioritizing the rehabilitation of pavement assets. Critical PCI refers to the condition beyond which the rate of pavement deterioration and the cost of applying a treatment increases significantly. In other words, it is the condition at which maintenance may no longer be cost effective and major rehabilitation should be considered. Based on the 2019 FAA Order 5100.38D Change 1 Airport Improvement Program Handbook, the FAA has established recommended PCI thresholds for pavement M&R. Accordingly, **the Critical PCI for all SCAC airfield pavements is defined at 70.**

PCI Results

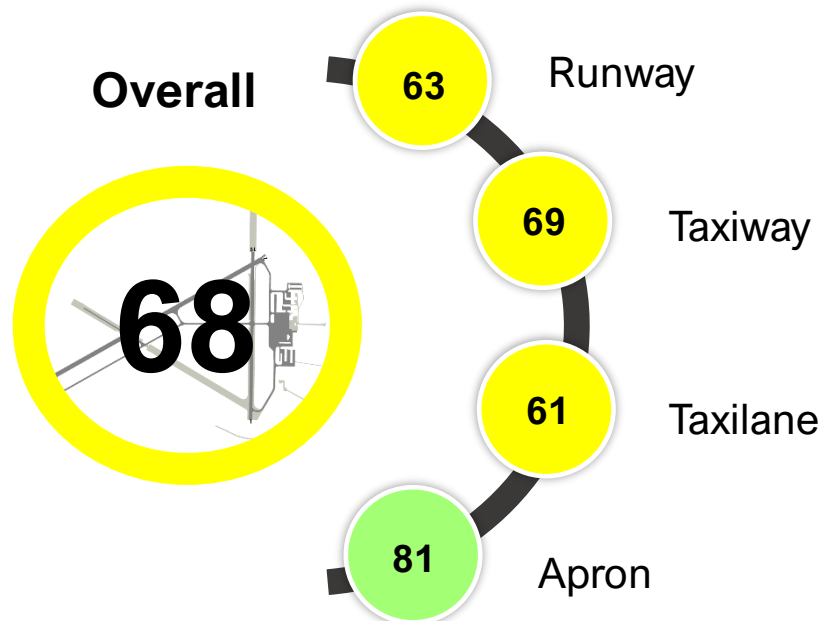
The PCI survey for Aiken Regional Airport (AIK) was performed in January 2023. **The overall area-weighted average PCI value of the network was 68**, representing a condition rating of **Fair**. Approximately 26% of inspected pavements are in Good or Satisfactory condition, 70% of inspected pavements are in Fair condition, and the remaining 4% are in Poor or worse condition as summarized in **Figure 4**.

Figure 4 – Overall Network PCI Results



The area-weighted average PCIs by branch use are summarized in the figure below. The current PCIs at a section-level are displayed graphically on the **2023 Airfield Pavement Condition Index Exhibit** and are summarized in **Table 2**.

Figure 5 – Area Weighted Average Pavement Condition





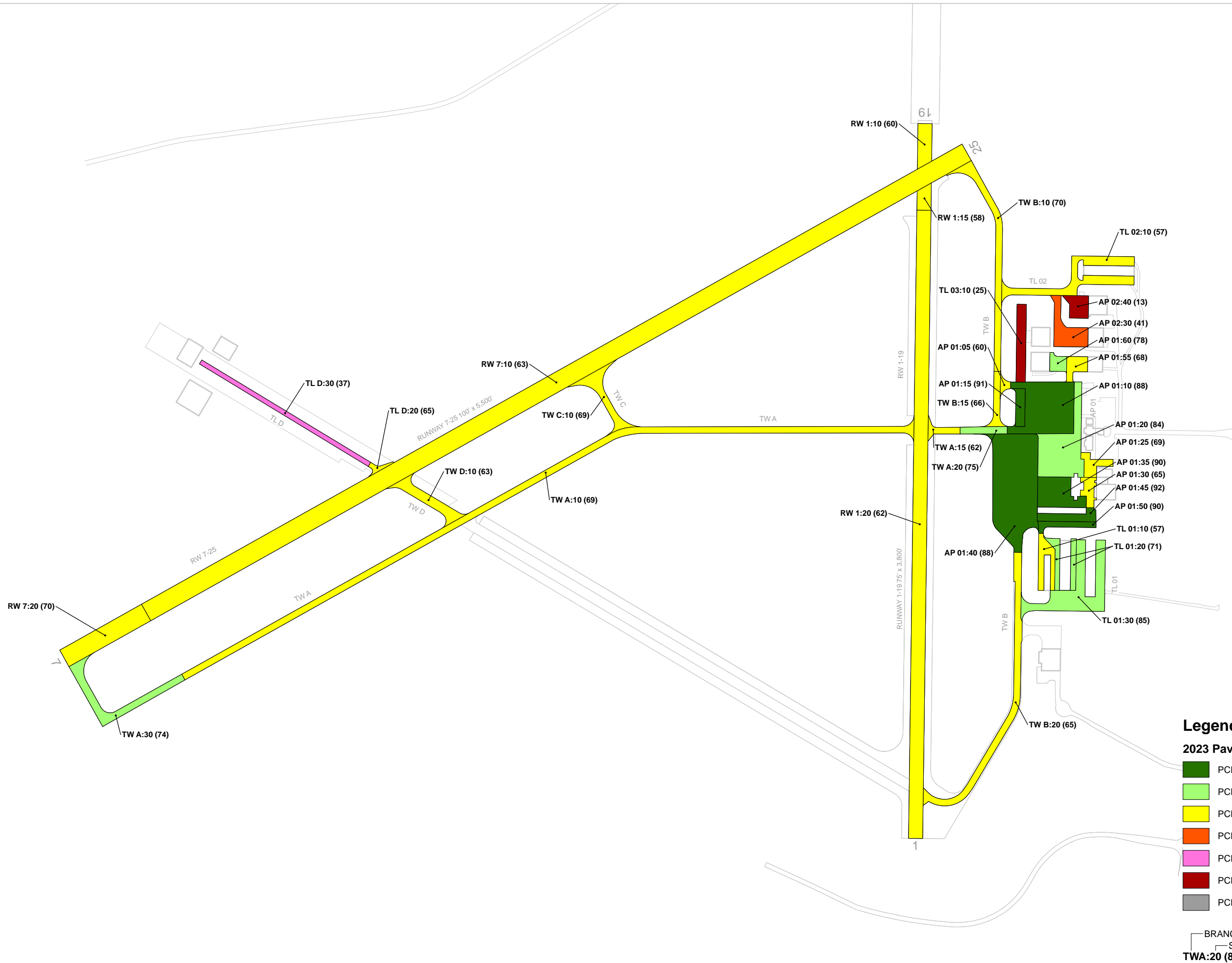
STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

AIK - Aiken Regional Airport

Table 2 – Current Pavement Condition Index Summary - Section

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
AIK	AP 01	Apron	05	3,314	AAC	60	Fair	100	0	0
AIK	AP 01	Apron	10	77,968	AAC	88	Good	100	0	0
AIK	AP 01	Apron	15	10,190	AC	91	Good	75	0	25
AIK	AP 01	Apron	20	64,813	AAC	84	Satisfactory	100	0	0
AIK	AP 01	Apron	25	11,276	AC	69	Fair	100	0	0
AIK	AP 01	Apron	30	9,486	AC	65	Fair	100	0	0
AIK	AP 01	Apron	35	32,983	AAC	90	Good	100	0	0
AIK	AP 01	Apron	40	131,731	AC	88	Good	100	0	0
AIK	AP 01	Apron	45	14,760	AC	92	Good	100	0	0
AIK	AP 01	Apron	50	10,150	AC	90	Good	100	0	0
AIK	AP 01	Apron	55	10,770	AC	68	Fair	100	0	0
AIK	AP 01	Apron	60	7,707	AC	78	Satisfactory	100	0	0
AIK	AP 02	Apron	30	25,430	PCC	41	Poor	12	73	15
AIK	AP 02	Apron	40	12,891	PCC	13	Serious	8	88	4
AIK	RW 1	Runway	10	16,557	AAC	60	Fair	100	0	0
AIK	RW 1	Runway	15	9,278	AAC	58	Fair	97	0	3
AIK	RW 1	Runway	20	250,500	AAC	62	Fair	98	0	2
AIK	RW 7	Runway	10	500,000	AAC	63	Fair	96	0	4
AIK	RW 7	Runway	20	49,800	AC	70	Fair	100	0	0
AIK	TL 01	Taxilane	10	16,971	AC	57	Fair	96	0	4
AIK	TL 01	Taxilane	20	16,570	AC	71	Satisfactory	100	0	0
AIK	TL 01	Taxilane	30	64,261	AC	85	Satisfactory	100	0	0
AIK	TL 02	Taxilane	10	49,636	AC	57	Fair	100	0	0
AIK	TL 03	Taxilane	10	20,664	AAC	25	Serious	100	0	0
AIK	TL D	Taxilane	20	3,242	AAC	65	Fair	89	0	11
AIK	TL D	Taxilane	30	26,249	AAC	37	Very Poor	100	0	0
AIK	TW A	Taxiway	10	149,234	AAC	69	Fair	100	0	0
AIK	TW A	Taxiway	15	7,429	AAC	62	Fair	63	37	0
AIK	TW A	Taxiway	20	9,391	AAC	75	Satisfactory	100	0	0
AIK	TW A	Taxiway	30	35,414	AC	74	Satisfactory	100	0	0
AIK	TW B	Taxiway	10	44,077	AAC	70	Fair	100	0	0
AIK	TW B	Taxiway	15	11,697	AAC	66	Fair	100	0	0
AIK	TW B	Taxiway	20	58,115	AAC	65	Fair	100	0	0
AIK	TW C	Taxiway	10	22,625	AAC	69	Fair	100	0	0
AIK	TW D	Taxiway	10	22,431	AAC	63	Fair	75	0	25

*For further PCI details and photos see Appendix D – Detailed PCI Results.



Legend

2023 Pavement Condition Index

- 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

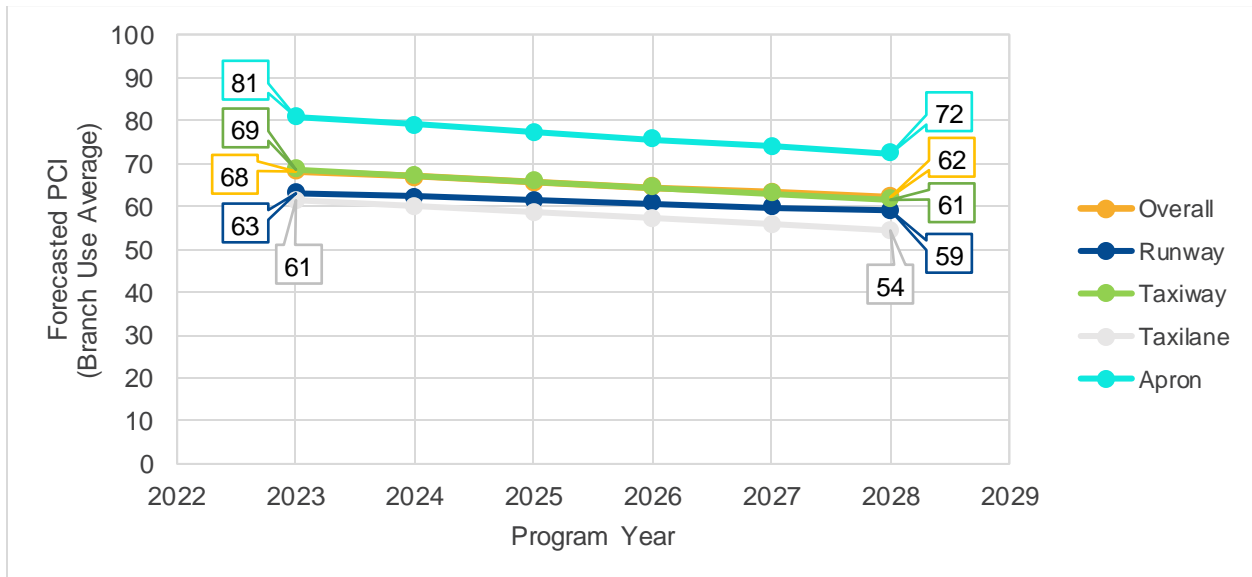
— BRANCH IDENTIFIER
— SECTION IDENTIFIER
TWA:20 (84)
— PCI



Pavement Condition Forecast

A primary objective of this APMS is to estimate the future condition of each individual pavement section. PAVER™ was utilized to develop prediction curves and determine typical deterioration rates that are then used to forecast a future PCI value. This value will assist decision makers in determining at what point in time certain pavement sections will require rehabilitation. The figure below shows the current and 5-year area-weighted forecasted pavement condition distribution of each functional use (Runway, Taxiway, Taxilane, Apron) found at the Airport. The forecasted 5-year PCIs at a section-level are displayed graphically on the **2028 Forecasted Airfield Pavement Condition Index Exhibit** and are summarized in **Table 3**. All forecasts presented assume that no maintenance or rehabilitation is performed within the 5-year analysis period. **Figure 6** displays the forecasted pavement conditions at the branch-level for AIK.

Figure 6 – Forecasted 5-Year PCI by Branch Use



All condition forecasts are based on historical observations and analysis of South Carolina airfield pavements. The forecasts are not a guarantee of future PCI: - rather, they are a planning tool to aid in the timing of maintenance and rehabilitation activities.

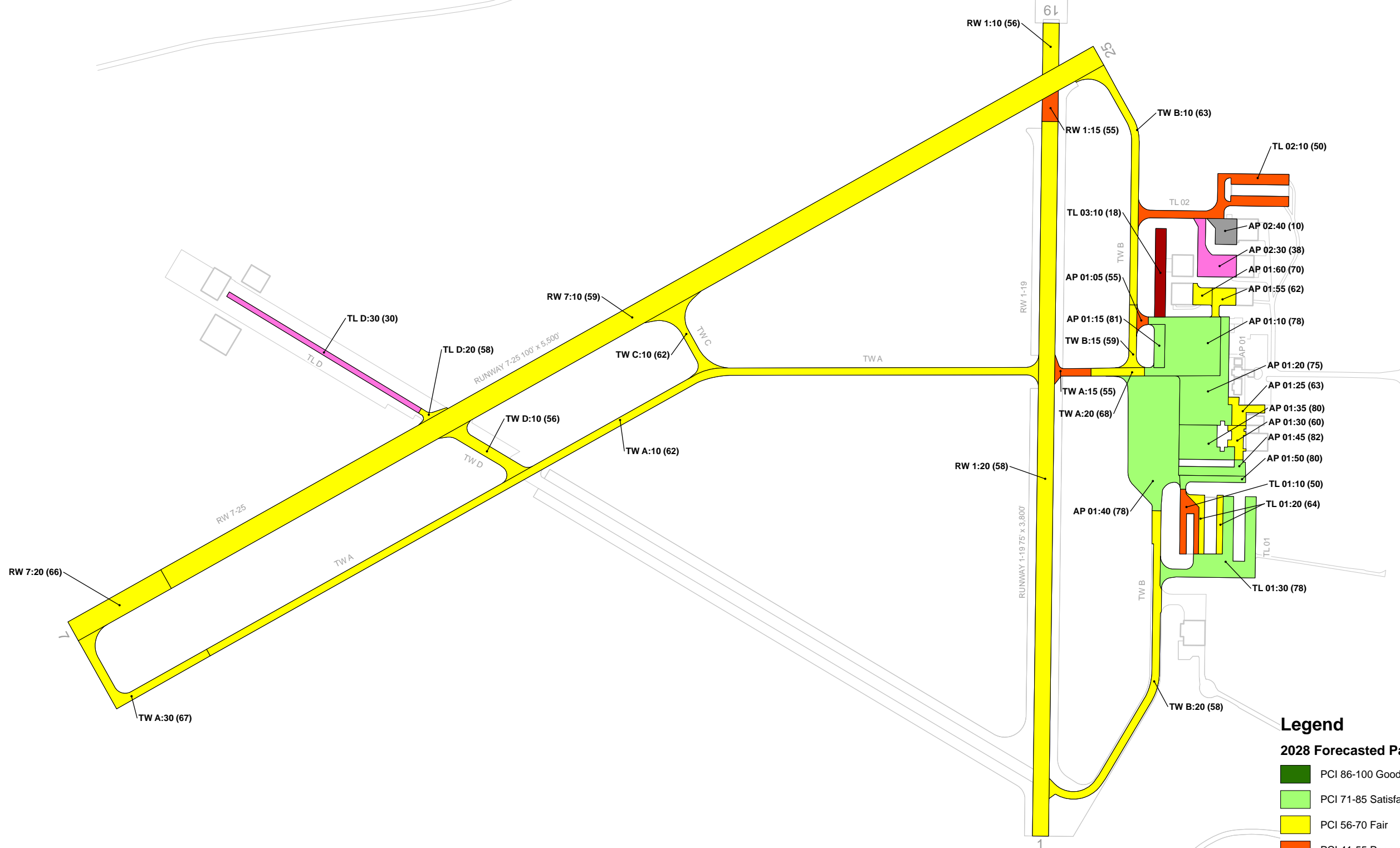


STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

AIK - Aiken Regional Airport

Table 3 – Forecast (2024-2028) Section Pavement Condition Index - Section

Network ID	Branch ID	Section ID	Current PCI	Forecasted PCI				
				2024	2025	2026	2027	2028
AIK	AP 01	05	60	59	58	57	56	55
AIK	AP 01	10	88	86	84	82	80	78
AIK	AP 01	15	91	89	87	85	83	81
AIK	AP 01	20	84	82	80	78	77	75
AIK	AP 01	25	69	68	67	65	64	63
AIK	AP 01	30	65	64	63	62	61	60
AIK	AP 01	35	90	88	86	84	82	80
AIK	AP 01	40	88	86	84	82	80	78
AIK	AP 01	45	92	90	88	86	84	82
AIK	AP 01	50	90	88	86	84	82	80
AIK	AP 01	55	68	67	66	64	63	62
AIK	AP 01	60	78	76	75	73	72	70
AIK	AP 02	30	41	41	40	39	39	38
AIK	AP 02	40	13	13	12	11	11	10
AIK	RW 1	10	60	59	59	58	57	56
AIK	RW 1	15	58	57	57	56	55	55
AIK	RW 1	20	62	61	60	60	59	58
AIK	RW 7	10	63	62	61	61	60	59
AIK	RW 7	20	70	69	68	67	67	66
AIK	TL01	10	57	56	54	53	51	50
AIK	TL01	20	71	70	68	67	65	64
AIK	TL01	30	85	84	82	81	79	78
AIK	TL02	10	57	56	54	53	51	50
AIK	TL03	10	25	24	22	21	19	18
AIK	TL D	20	65	64	62	61	59	58
AIK	TL D	30	37	36	34	33	31	30
AIK	TW A	10	69	68	66	65	63	62
AIK	TW A	15	62	61	59	58	56	55
AIK	TW A	20	75	74	72	71	69	68
AIK	TW A	30	74	73	71	70	68	67
AIK	TW B	10	70	69	67	66	64	63
AIK	TW B	15	66	65	63	62	60	59
AIK	TW B	20	65	64	62	61	59	58
AIK	TW C	10	69	68	66	65	63	62
AIK	TW D	10	63	62	60	59	57	56



Legend

2028 Forecasted Pavement Condition Index

- 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

└─── BRANCH IDENTIFIER
└─── SECTION IDENTIFIER
TWA:20 (84)
└─── FORECASTED PCI

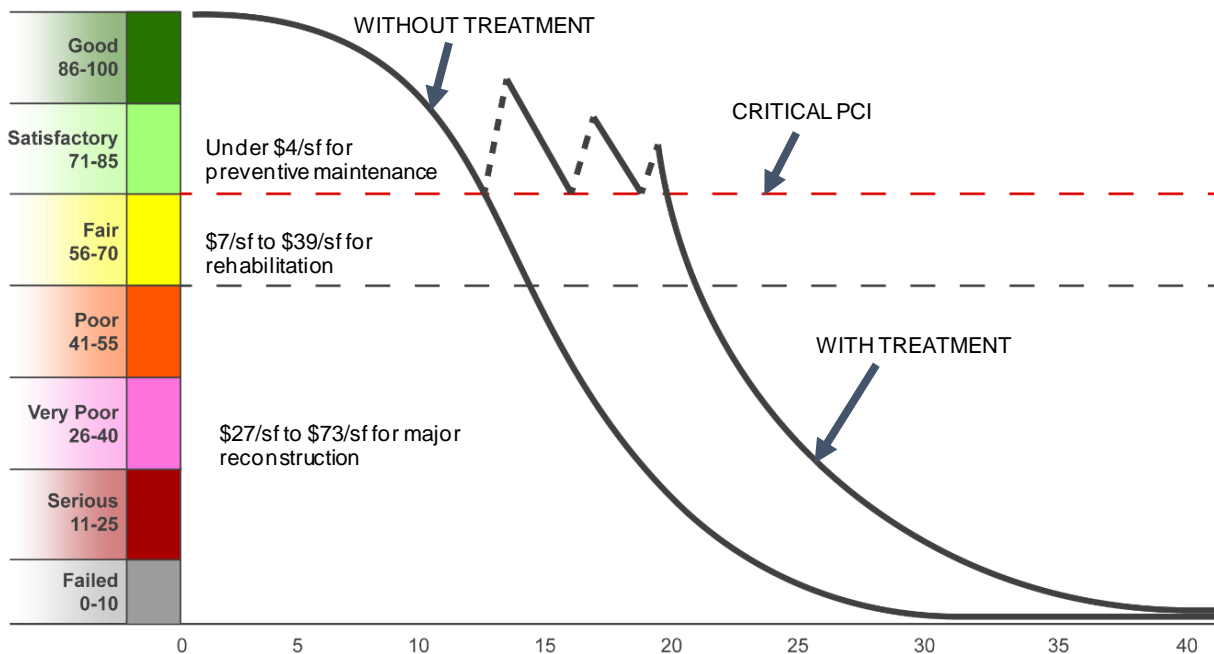
M&R Overview

An analysis was performed to assess the pavement maintenance and rehabilitation (M&R) needs at AIK over a 5-year period. The analysis compared the forecasted condition of each pavement section to the Critical PCI threshold to develop a resultant recommendation and associated cost for each year of the 5-year plan. The M&R analysis should enable responsible parties to do the following:

- ➔ **Maintain** existing airport infrastructure at an acceptable condition
- ➔ Make timely and cost-effective **decisions** to appropriately allocate funding
- ➔ **Apply** global maintenance, localized maintenance, and major M&R activities in a timely manner to maintain an acceptable operational condition of a pavement network.

M&R planning considers various methods of repair to address the cause of the problem rather than just treating the symptom. As pavements deteriorate, repair costs can increase significantly. Once pavements have deteriorated below a certain condition threshold (the Critical PCI value), the pavement benefits more from substantial rehabilitation in lieu of maintenance activities. The figure below illustrates how the cost of pavement repairs can exponentially increase if M&R activities are delayed.

Figure 7 – Pavement Life and the Effect of Treatments



Localized Maintenance and Repair

Localized maintenance is best used as a preservation measure and is applied to slow the rate of deterioration. These activities typically include crack sealing and patching. Localized maintenance differs from major rehabilitation in that it is applied based on the distresses observed rather than based on a PCI value. Treatments are selected based on the appropriate corrective measure for a given distress type and severity level. Localized maintenance applied on pavements with PCIs above the Critical PCI of 70 is known as Preventive Localized Maintenance, while Stopgap Localized Maintenance is typically applied to pavement sections that are at or below the Critical PCI value as a temporary repair due to safety concerns. The current localized maintenance needs are summarized in the table below.

Table 4 – Localized Maintenance Summary by Policy Type

Localized Maintenance Category	Localized Work Type	Rough Estimate of Work Quantity	Work Units	Planning Material Cost
Localized Preventive Maintenance	AC Crack Sealing Narrow	18,742	LF	\$ 65,670
	Surface Seal	7,396	SF	\$ 12,220
	AC Full-Depth Patching	33	SF	\$ 960
<i>Localized Preventive Maintenance Total =</i>				\$ 78,850
Localized Stopgap Maintenance	AC Crack Sealing Narrow	45,085	LF	\$ 157,890
	Surface Seal	168,618	SF	\$ 278,330
	AC Partial-Depth Patching	43	SF	\$ 370
	PCC Crack Sealing	92	LF	\$ 650
	PCC Joint Seal	3,568	LF	\$ 24,980
	PCC Partial-Depth Patching	8	SF	\$ 700
<i>Localized Stopgap Maintenance Total =</i>				\$ 462,920
<i>Planning-Level Localized M&R Needs =</i>				\$ 541,770

Major Rehabilitation Needs

Major rehabilitation needs are identified by analyzing the Airport's pavement condition in relationship to the Critical PCI value, density of load-related distresses, and major rehabilitation policies, assuming there are no budget constraints. The needs analysis is performed over a 5-year analysis period. Major rehabilitation is divided into two policy categories:

- **Intermediate Major Rehabilitation (PCI 56 to 70)** –
 - **AC:** Milling of the upper surface course and replacing with new AC with isolated areas of full-depth reconstruction
 - **PCC:** Combination of crack sealing, joint seal replacement, limited patching, and slab replacement
- **Full-Depth Reconstruction (PCI 0 to 55)** – Removal and replacement of the existing pavement section down to the subgrade

The 5-year major rehabilitation needs analysis at AIK results in a total 5-year cost of \$19.3M. The **5-Year Major Rehabilitation Needs Exhibit** graphically depicts the major rehabilitation needs at a section-level which are also summarized in **Table 5** with rounded costs. Annual needs are displayed graphically in **Figure 8**.



STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

AIK - Aiken Regional Airport

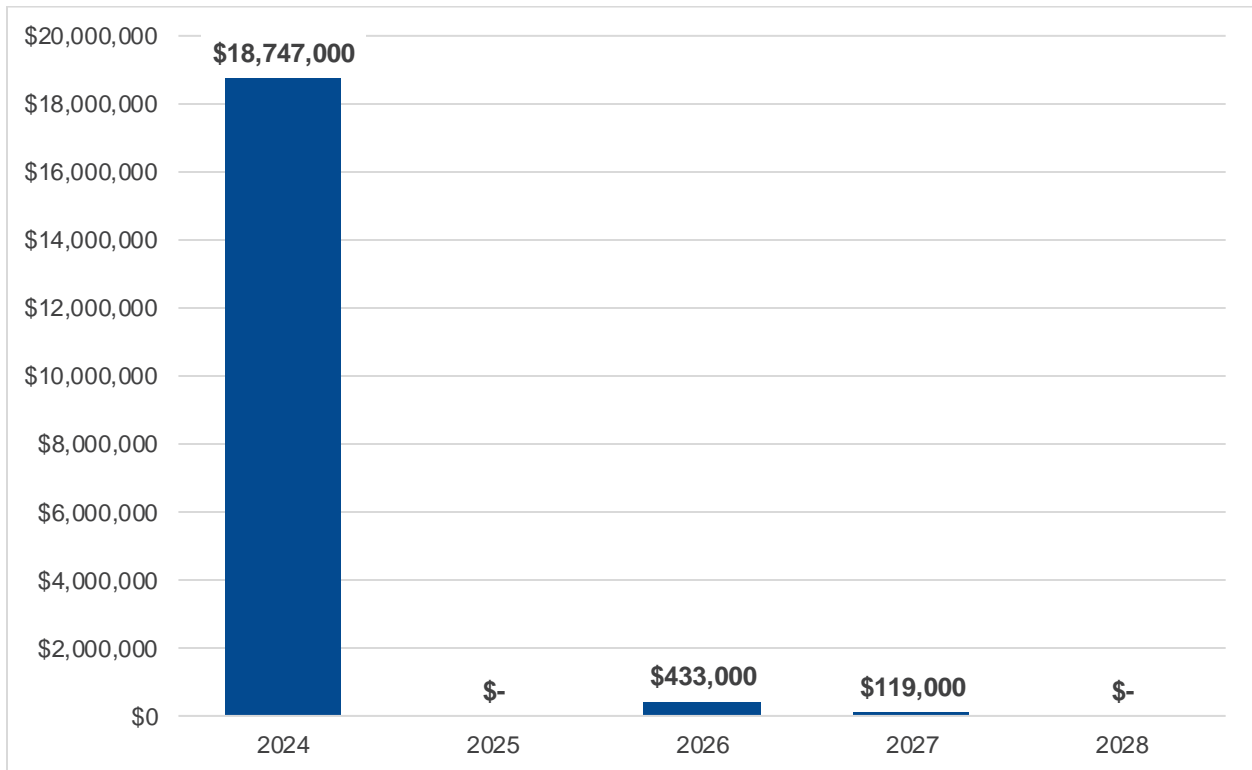
Table 5 – 5-Year Major Rehabilitation Needs

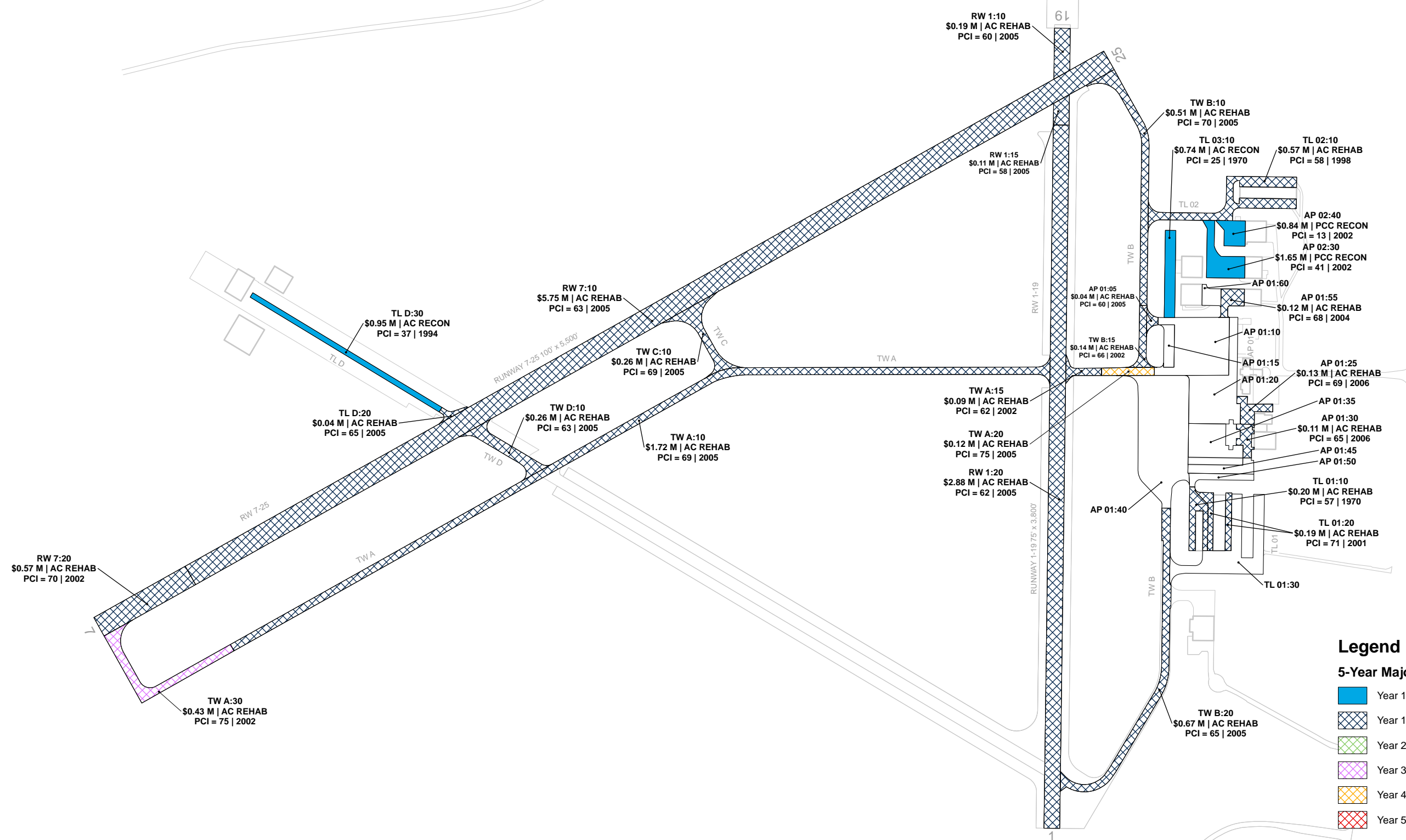
Program Year	Network ID	Branch ID	Section ID	Surface	Area (SF)	PCI Before	Rehabilitation Type	Planning Cost Estimate
2024	AIK	AP 01	05	AAC	3,314	59	AC Rehabilitation	\$ 39,000
2024	AIK	AP 01	25	AC	11,276	68	AC Rehabilitation	\$ 130,000
2024	AIK	AP 01	30	AC	9,486	64	AC Rehabilitation	\$ 110,000
2024	AIK	AP 01	55	AC	10,770	67	AC Rehabilitation	\$ 124,000
2024	AIK	AP 02	30	PCC	25,430	41	PCC Reconstruction	\$ 1,653,000
2024	AIK	AP 02	40	PCC	12,891	13	PCC Reconstruction	\$ 838,000
2024	AIK	RW 1	10	AAC	16,557	59	AC Rehabilitation	\$ 191,000
2024	AIK	RW 1	15	AAC	9,278	57	AC Rehabilitation	\$ 107,000
2024	AIK	RW 1	20	AAC	250,500	61	AC Rehabilitation	\$ 2,881,000
2024	AIK	RW 7	10	AAC	500,000	62	AC Rehabilitation	\$ 5,750,000
2024	AIK	RW 7	20	AC	49,800	69	AC Rehabilitation	\$ 573,000
2024	AIK	TL 01	10	AC	16,971	56	AC Rehabilitation	\$ 204,000
2024	AIK	TL 01	20	AC	16,570	70	AC Rehabilitation	\$ 191,000
2024	AIK	TL 02	10	AC	49,636	56	AC Rehabilitation	\$ 596,000
2024	AIK	TL 03	10	AAC	20,664	24	AC Reconstruction	\$ 744,000
2024	AIK	TL D	20	AAC	3,242	64	AC Rehabilitation	\$ 38,000
2024	AIK	TL D	30	AAC	26,249	36	AC Reconstruction	\$ 945,000
2024	AIK	TW A	10	AAC	149,234	68	AC Rehabilitation	\$ 1,717,000
2024	AIK	TW A	15	AAC	7,429	61	AC Rehabilitation	\$ 86,000
2024	AIK	TW B	10	AAC	44,077	69	AC Rehabilitation	\$ 507,000
2024	AIK	TW B	15	AAC	11,697	65	AC Rehabilitation	\$ 135,000
2024	AIK	TW B	20	AAC	58,115	64	AC Rehabilitation	\$ 669,000
2024	AIK	TW C	10	AAC	22,625	68	AC Rehabilitation	\$ 261,000
2024	AIK	TW D	10	AAC	22,431	62	AC Rehabilitation	\$ 258,000
2026	AIK	TW A	30	AC	35,414	70	AC Rehabilitation	\$ 433,000
2027	AIK	TW A	20	AAC	9,391	69	AC Rehabilitation	\$ 119,000
Total 5-Year Major Rehabilitation Needs =								\$ 19,299,000



AIK - Aiken Regional Airport

Figure 8 – 5-Year Major Rehabilitation Needs by Program Year





Legend

5-Year Major Rehabilitation Needs

- Year 1 Reconstruction Needs
- Year 1 Rehabilitation Needs
- Year 2 Rehabilitation Needs
- Year 3 Rehabilitation Needs
- Year 4 Rehabilitation Needs
- Year 5 Rehabilitation Needs

M&R COST
 BRANCH IDENTIFIER
 SECTION IDENTIFIER
TWA:20
\$9.38 M | AC RECON
PCI = 52 | 1987
 PCI LAST MAJOR WORK DATE

THIS EXHIBIT REPRESENTS NEEDS SOLEY BASED ON CURRENT AND FORECASTED CONDITIONS FURTHER PRIORITIZATION AND CONSIDERATIONS SHOULD BE MADE BEYOND THIS STUDY.



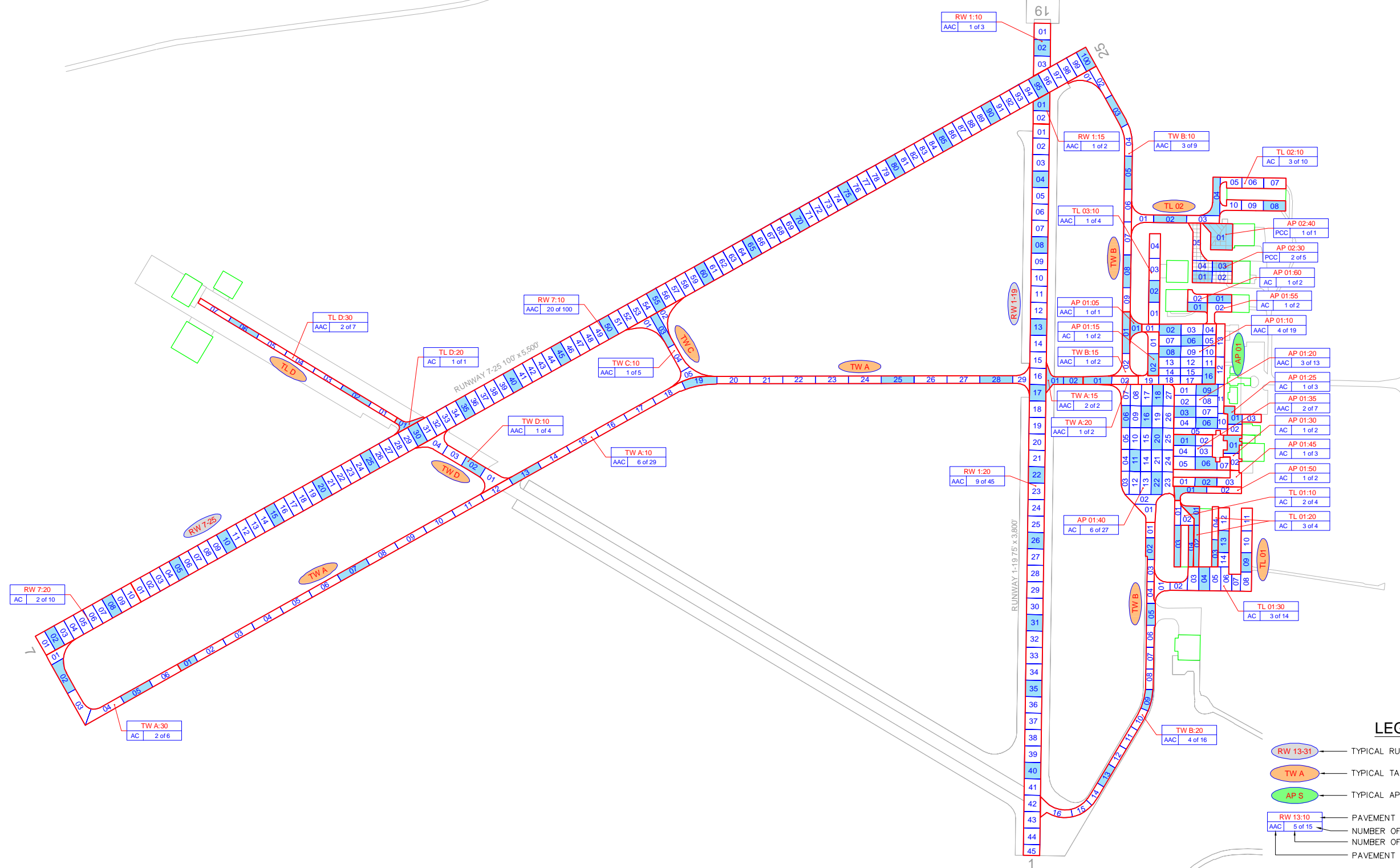
SECTION I

Appendices





Appendix A – Exhibits



LEGEND

- RW 13:31 TYPICAL RUNWAY BRANCH ID
- TW A TYPICAL TAXIWAY BRANCH ID
- AP S TYPICAL APRON BRANCH ID
- RW 13:10 PAVEMENT BRANCH ID: SECTION ID
- AAC 5 of 15 NUMBER OF SAMPLE UNITS IN SECTION
- AAC 0 of 5 NUMBER OF SAMPLE UNITS TO BE INSPECTED
- 100 PAVEMENT SURFACE TYPE
- RW 13:20 SECTION NOT INSPECTED DUE TO RECENT CONSTRUCTION. SEE ESTIMATED AGE EXHIBIT FOR CONSTRUCTION DATES.
- AAC 0 of 5 INSPECTED SAMPLE UNITS.

TOTAL SAMPLES INSPECTED = 95
AC: 92 PCC: 3

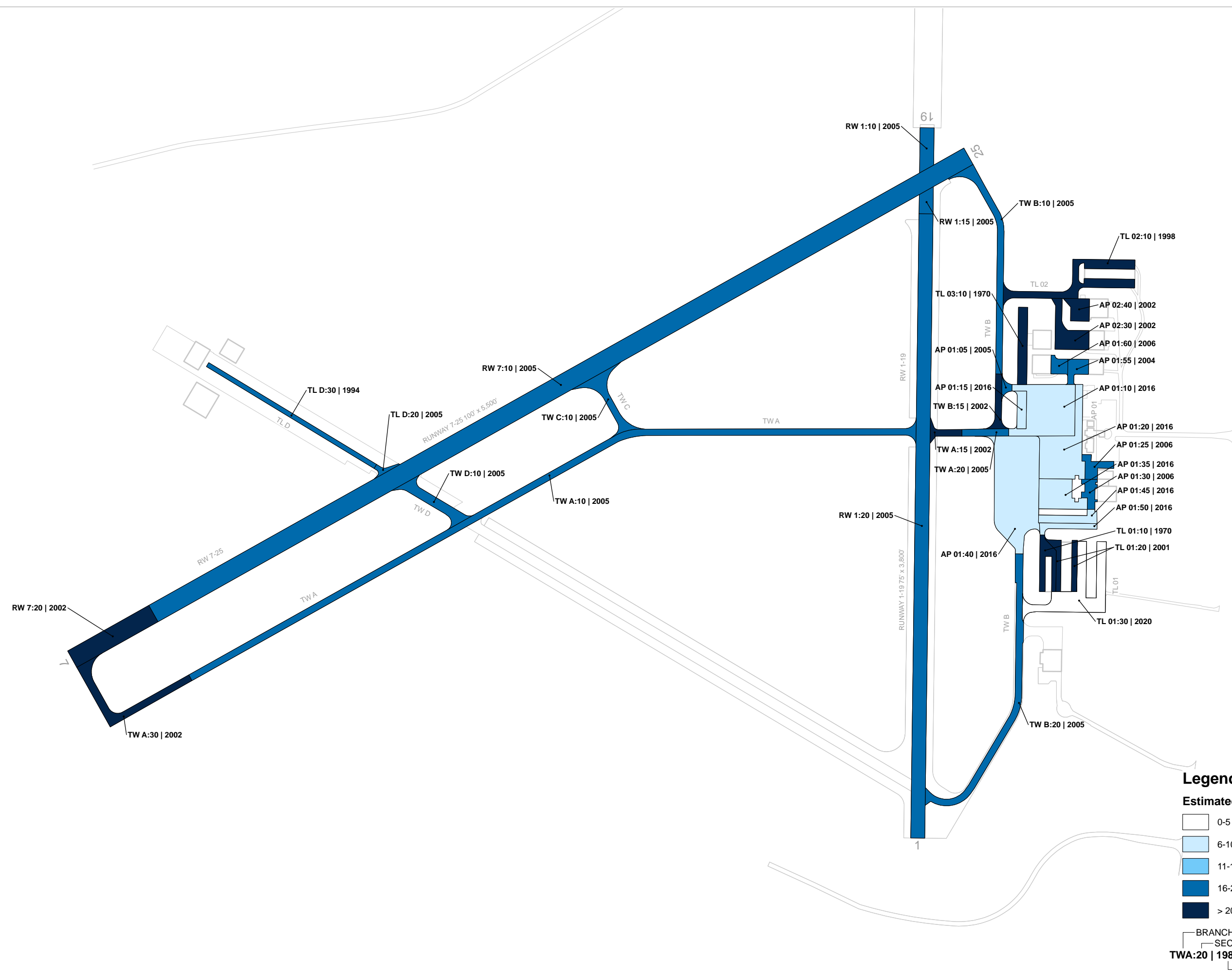
RUNWAY LENGTHS DEPICTED IN THIS DRAWING ARE FOR PAVEMENT MANAGEMENT PURPOSES ONLY AND MAY NOT MATCH PUBLISHED RUNWAY LENGTHS. DRAWING NOT TO SCALE.

STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

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AIKEN REGIONAL AIRPORT (AIK)
 AIRFIELD PAVEMENT NETWORK DEFINITION EXHIBIT





Legend

Estimated Age at Inspection

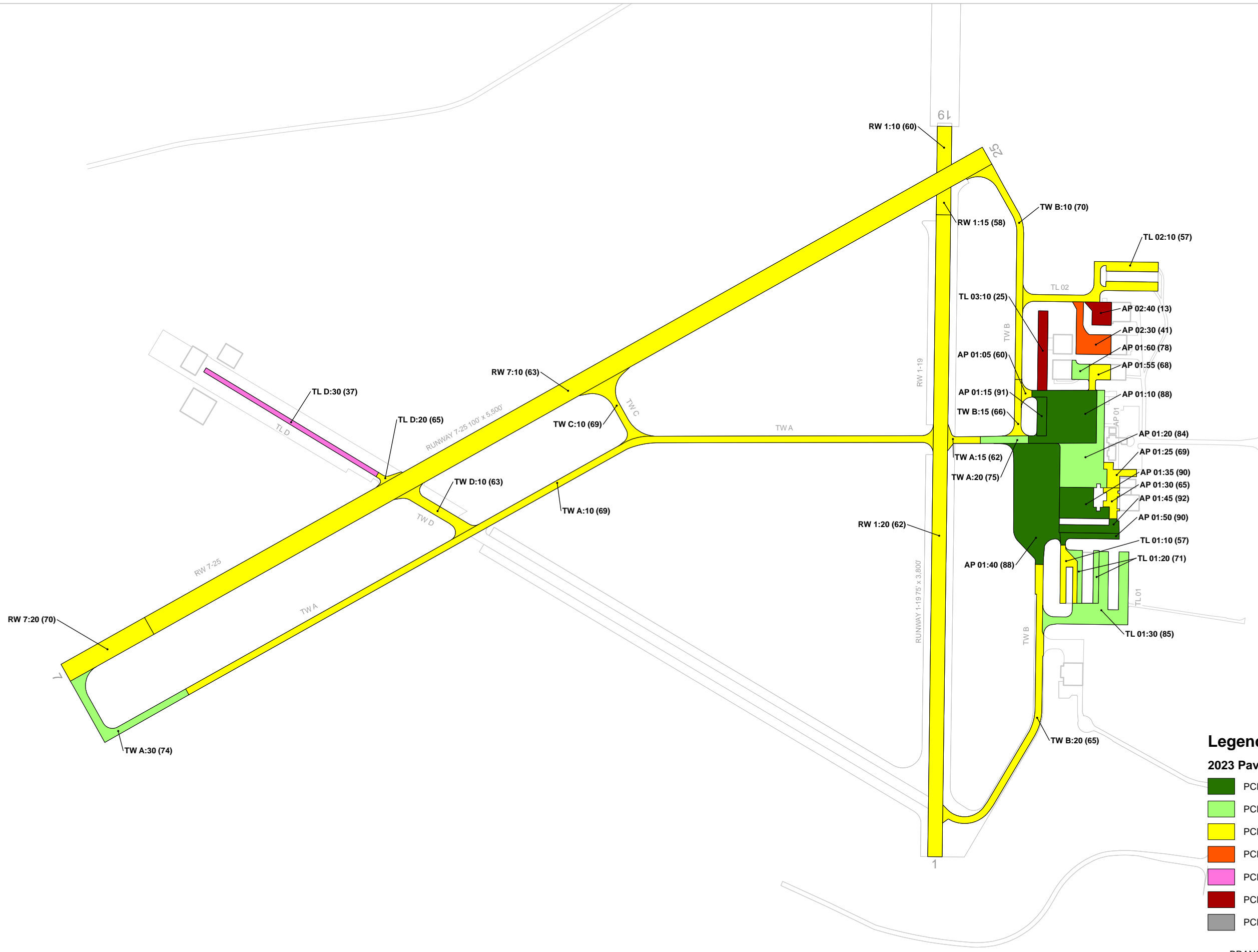
-  0-5 Years
-  6-10 Years
-  11-15 Years
-  16-20 Years
-  > 20 Years

┌───┐ BRANCH IDENTIFIER
└───┘ SECTION IDENTIFIER

TWA:20 | 1985

└───┘ LAST MAJOR WORK DATE



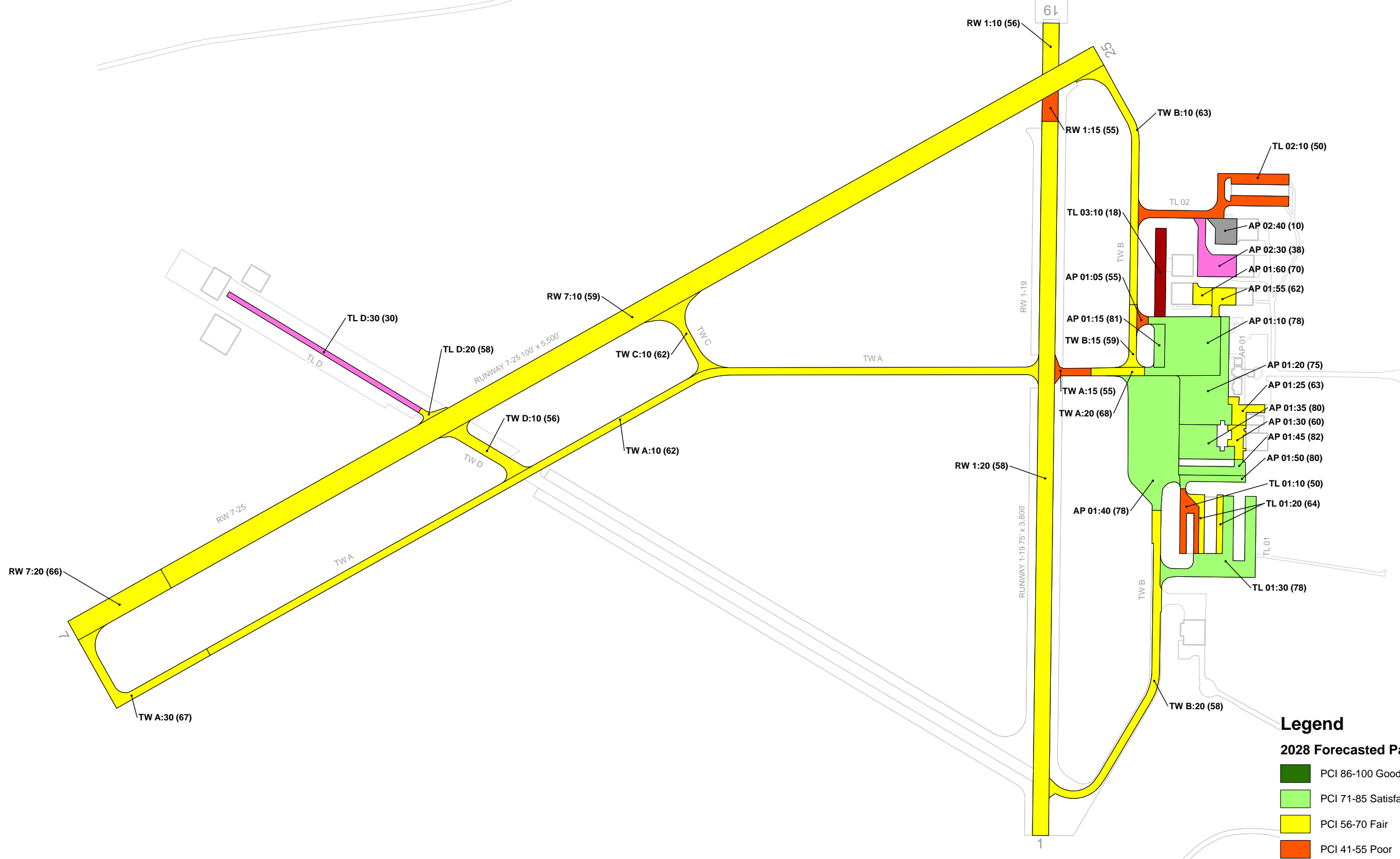
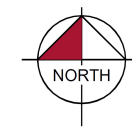


Legend

2023 Pavement Condition Index

- 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

— BRANCH IDENTIFIER
— SECTION IDENTIFIER
TWA:20 (84)
— PCI



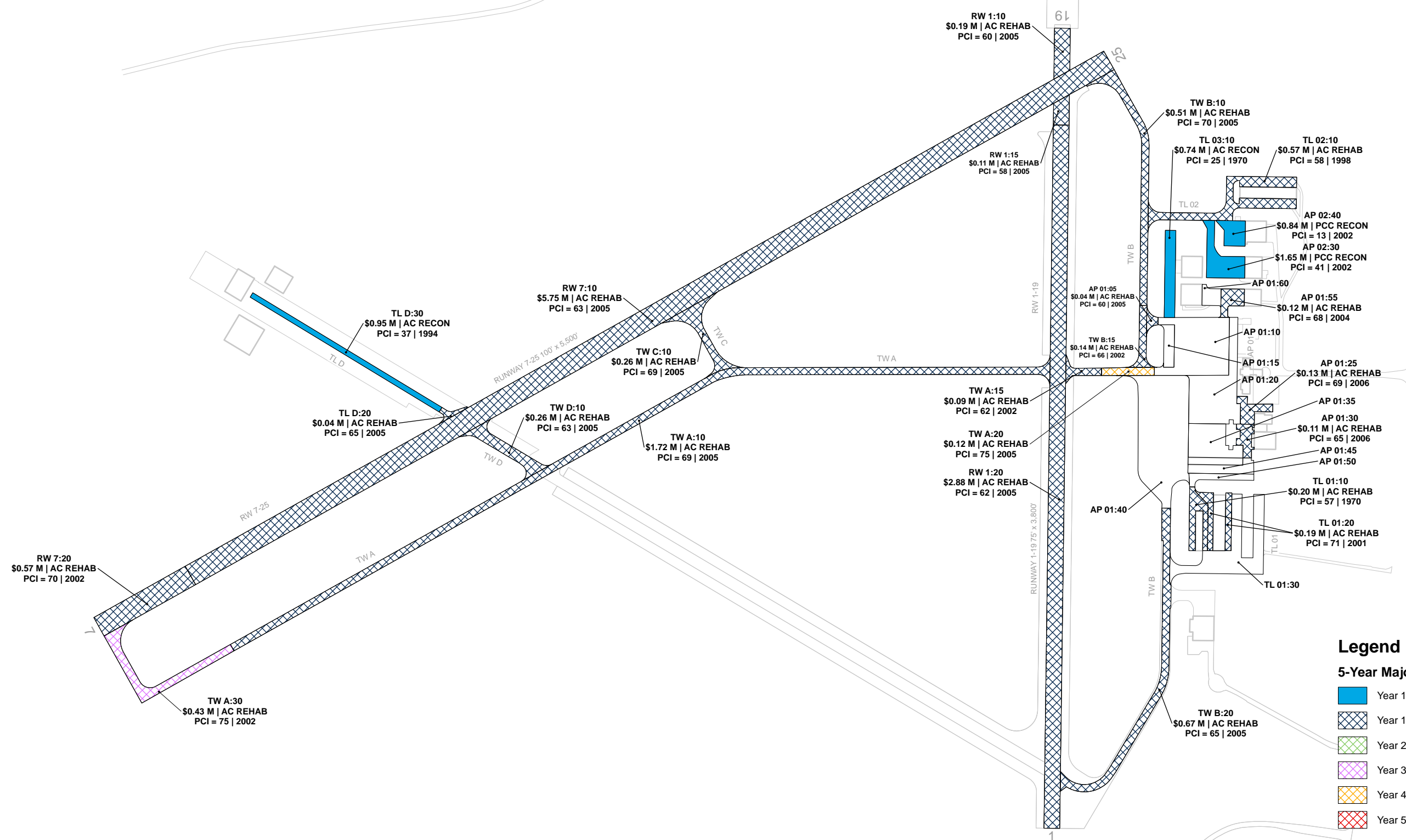
Legend

2028 Forecasted Pavement Condition Index

- 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

└── BRANCH IDENTIFIER
 └── SECTION IDENTIFIER
TWA:20 (84)
 └── FORECASTED PCI





Legend

5-Year Major Rehabilitation Needs

- Year 1 Reconstruction Needs
- Year 1 Rehabilitation Needs
- Year 2 Rehabilitation Needs
- Year 3 Rehabilitation Needs
- Year 4 Rehabilitation Needs
- Year 5 Rehabilitation Needs

M&R COST
 BRANCH IDENTIFIER
 SECTION IDENTIFIER
 M&R WORK TYPE
TWA:20
\$9.38 M | AC RECON
PCI = 52 | 1987
 PCI LAST MAJOR WORK DATE

THIS EXHIBIT REPRESENTS NEEDS SOLEY BASED ON CURRENT AND FORECASTED CONDITIONS FURTHER PRIORITIZATION AND CONSIDERATIONS SHOULD BE MADE BEYOND THIS STUDY.





Appendix B – Analysis Tables



STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

AIK - Aiken Regional Airport

Table B1 – System Inventory Data - Section

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface Type	Estimate of Last Construction Date
AIK	AP 01	Apron	05	3,314	AAC	6/1/2005
AIK	AP 01	Apron	10	77,968	AAC	6/1/2016
AIK	AP 01	Apron	15	10,190	AC	6/1/2016
AIK	AP 01	Apron	20	64,813	AAC	6/1/2016
AIK	AP 01	Apron	25	11,276	AC	6/1/2006
AIK	AP 01	Apron	30	9,486	AC	6/1/2006
AIK	AP 01	Apron	35	32,983	AAC	6/1/2016
AIK	AP 01	Apron	40	131,731	AC	6/1/2016
AIK	AP 01	Apron	45	14,760	AC	6/1/2016
AIK	AP 01	Apron	50	10,150	AC	6/1/2016
AIK	AP 01	Apron	55	10,770	AC	6/1/2004
AIK	AP 01	Apron	60	7,707	AC	6/1/2006
AIK	AP 02	Apron	30	25,430	PCC	6/1/2002
AIK	AP 02	Apron	40	12,891	PCC	6/1/2002
AIK	RW 1	Runway	10	16,557	AAC	6/1/2005
AIK	RW 1	Runway	15	9,278	AAC	6/1/2005
AIK	RW 1	Runway	20	250,500	AAC	6/1/2005
AIK	RW 7	Runway	10	500,000	AAC	6/1/2005
AIK	RW 7	Runway	20	49,800	AC	6/1/2002
AIK	TL01	Taxilane	10	16,971	AC	6/1/1960
AIK	TL01	Taxilane	20	16,570	AC	6/1/2001
AIK	TL01	Taxilane	30	64,261	AC	7/1/2020
AIK	TL02	Taxilane	10	49,636	AC	6/1/1998
AIK	TL03	Taxilane	10	20,664	AAC	6/1/1970
AIK	TL D	Taxilane	20	3,242	AAC	6/1/2005
AIK	TL D	Taxilane	30	26,249	AAC	6/1/1994
AIK	TW A	Taxiway	10	149,234	AAC	6/1/2005
AIK	TW A	Taxiway	15	7,429	AAC	1/1/2002
AIK	TW A	Taxiway	20	9,391	AAC	6/1/2005
AIK	TW A	Taxiway	30	35,414	AC	6/1/2002
AIK	TW B	Taxiway	10	44,077	AAC	6/1/2005
AIK	TW B	Taxiway	15	11,697	AAC	1/1/2002
AIK	TW B	Taxiway	20	58,115	AAC	6/1/2005
AIK	TW C	Taxiway	10	22,625	AAC	6/1/2005
AIK	TW D	Taxiway	10	22,431	AAC	6/1/2005



STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

AIK - Aiken Regional Airport

Table B2 – Current Pavement Condition Index Summary - Branch

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Area-Weighted Avg PCI	Condition Rating
AP 01	Apron	12	385,148	86	Good
AP 02	Apron	2	38,321	32	Very Poor
RW 1	Runway	3	276,335	62	Fair
RW 7	Runway	2	549,800	64	Fair
TL 01	Taxilane	3	97,802	78	Satisfactory
TL 02	Taxilane	1	49,636	57	Fair
TL 03	Taxilane	1	20,664	25	Serious
TLD	Taxilane	2	29,491	40	Very Poor
TW A	Taxiway	4	201,468	70	Fair
TW B	Taxiway	3	113,889	67	Fair
TW C	Taxiway	1	22,625	69	Fair
TW D	Taxiway	1	22,431	63	Fair



STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

AIK - Aiken Regional Airport

Table B3 – Current (2023) Pavement Condition Index Summary - Section

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other	Sample Units Inspected	Total Sample Units in Section
AIK	AP 01	Apron	05	3,314	AAC	60	Fair	100	0	0	1	1
AIK	AP 01	Apron	10	77,968	AAC	88	Good	100	0	0	4	19
AIK	AP 01	Apron	15	10,190	AC	91	Good	75	0	25	1	2
AIK	AP 01	Apron	20	64,813	AAC	84	Satisfactory	100	0	0	3	13
AIK	AP 01	Apron	25	11,276	AC	69	Fair	100	0	0	1	3
AIK	AP 01	Apron	30	9,486	AC	65	Fair	100	0	0	1	2
AIK	AP 01	Apron	35	32,983	AAC	90	Good	100	0	0	2	7
AIK	AP 01	Apron	40	131,731	AC	88	Good	100	0	0	6	27
AIK	AP 01	Apron	45	14,760	AC	92	Good	100	0	0	1	3
AIK	AP 01	Apron	50	10,150	AC	90	Good	100	0	0	1	2
AIK	AP 01	Apron	55	10,770	AC	68	Fair	100	0	0	1	2
AIK	AP 01	Apron	60	7,707	AC	78	Satisfactory	100	0	0	1	2
AIK	AP 02	Apron	30	25,430	PCC	41	Poor	12	73	15	2	5
AIK	AP 02	Apron	40	12,891	PCC	13	Serious	8	88	4	1	1
AIK	RW 1	Runway	10	16,557	AAC	60	Fair	100	0	0	1	3
AIK	RW 1	Runway	15	9,278	AAC	58	Fair	97	0	3	1	2
AIK	RW 1	Runway	20	250,500	AAC	62	Fair	98	0	2	9	45
AIK	RW 7	Runway	10	500,000	AAC	63	Fair	96	0	4	20	100
AIK	RW 7	Runway	20	49,800	AC	70	Fair	100	0	0	2	10
AIK	TL 01	Taxilane	10	16,971	AC	57	Fair	96	0	4	2	4
AIK	TL 01	Taxilane	20	16,570	AC	71	Satisfactory	100	0	0	3	4
AIK	TL 01	Taxilane	30	64,261	AC	85	Satisfactory	100	0	0	3	14
AIK	TL 02	Taxilane	10	49,636	AC	57	Fair	100	0	0	3	10
AIK	TL 03	Taxilane	10	20,664	AAC	25	Serious	100	0	0	1	4
AIK	TL D	Taxilane	20	3,242	AAC	65	Fair	89	0	11	1	1
AIK	TL D	Taxilane	30	26,249	AAC	37	Very Poor	100	0	0	2	7
AIK	TW A	Taxiway	10	149,234	AAC	69	Fair	100	0	0	6	29
AIK	TW A	Taxiway	15	7,429	AAC	62	Fair	63	37	0	2	2
AIK	TW A	Taxiway	20	9,391	AAC	75	Satisfactory	100	0	0	1	2
AIK	TW A	Taxiway	30	35,414	AC	74	Satisfactory	100	0	0	2	6
AIK	TW B	Taxiway	10	44,077	AAC	70	Fair	100	0	0	3	9
AIK	TW B	Taxiway	15	11,697	AAC	66	Fair	100	0	0	1	2



STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

AIK - Aiken Regional Airport

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other	Sample Units Inspected	Total Sample Units in Section
AIK	TW B	Taxiway	20	58,115	AAC	65	Fair	100	0	0	4	16
AIK	TW C	Taxiway	10	22,625	AAC	69	Fair	100	0	0	1	5
AIK	TW D	Taxiway	10	22,431	AAC	63	Fair	75	0	25	1	4



STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

AIK - Aiken Regional Airport

Table B4 –Forecasted (2024-2028) Pavement Condition Index Summary - Section

Network ID	Branch ID	Section ID	Current PCI	Forecasted PCI				
				2024	2025	2026	2027	2028
AIK	AP 01	05	60	59	58	57	56	55
AIK	AP 01	10	88	86	84	82	80	78
AIK	AP 01	15	91	89	87	85	83	81
AIK	AP 01	20	84	82	80	78	77	75
AIK	AP 01	25	69	68	67	65	64	63
AIK	AP 01	30	65	64	63	62	61	60
AIK	AP 01	35	90	88	86	84	82	80
AIK	AP 01	40	88	86	84	82	80	78
AIK	AP 01	45	92	90	88	86	84	82
AIK	AP 01	50	90	88	86	84	82	80
AIK	AP 01	55	68	67	66	64	63	62
AIK	AP 01	60	78	76	75	73	72	70
AIK	AP 02	30	41	41	40	39	39	38
AIK	AP 02	40	13	13	12	11	11	10
AIK	RW 1	10	60	59	59	58	57	56
AIK	RW 1	15	58	57	57	56	55	55
AIK	RW 1	20	62	61	60	60	59	58
AIK	RW 7	10	63	62	61	61	60	59
AIK	RW 7	20	70	69	68	67	67	66
AIK	TL01	10	57	56	54	53	51	50
AIK	TL01	20	71	70	68	67	65	64
AIK	TL01	30	85	84	82	81	79	78
AIK	TL02	10	57	56	54	53	51	50
AIK	TL03	10	25	24	22	21	19	18
AIK	TL D	20	65	64	62	61	59	58
AIK	TL D	30	37	36	34	33	31	30
AIK	TW A	10	69	68	66	65	63	62
AIK	TW A	15	62	61	59	58	56	55
AIK	TW A	20	75	74	72	71	69	68
AIK	TW A	30	74	73	71	70	68	67
AIK	TW B	10	70	69	67	66	64	63
AIK	TW B	15	66	65	63	62	60	59
AIK	TW B	20	65	64	62	61	59	58
AIK	TW C	10	69	68	66	65	63	62
AIK	TW D	10	63	62	60	59	57	56



Appendix C – Maintenance and Rehabilitation Tables

Table C1 – Localized Maintenance Summary by Policy Type

Localized Maintenance Category	Localized Work Type	Rough Estimate of Work Quantity	Work Units	Planning Material Cost
Localized Preventive Maintenance	AC Crack Sealing Narrow	18,742	LF	\$ 65,670
	Surface Seal	7,396	SF	\$ 12,220
	AC Full-Depth Patching	33	SF	\$ 960
Localized Preventive Maintenance Total =				\$ 78,850
Localized Stopgap Maintenance	AC Crack Sealing Narrow	45,085	LF	\$ 157,890
	Surface Seal	168,618	SF	\$ 278,330
	AC Partial-Depth Patching	43	SF	\$ 370
	PCC Joint Seal	3,568	LF	\$ 24,980
	PCC Partial-Depth Patching	8	SF	\$ 700
Localized Stopgap Maintenance Total =				\$ 462,920
Planning-Level Localized M&R Needs =				\$ 541,770

Table C2 – Section – Level Year 1 Localized Maintenance Planning Cost Summary

Network ID	Branch ID	Section ID	Area (SF)	Start PCI	End PCI	Cost
AIK	AP 01	05	3,314	60	60	\$ -
AIK	AP 01	10	77,968	88	88	\$ 10,330
AIK	AP 01	15	10,190	91	92	\$ 1,540
AIK	AP 01	20	64,813	84	84	\$ 13,140
AIK	AP 01	25	11,276	69	80	\$ 4,520
AIK	AP 01	30	9,486	65	75	\$ 7,950
AIK	AP 01	35	32,983	90	90	\$ 3,540
AIK	AP 01	40	131,731	88	88	\$ 18,580
AIK	AP 01	45	14,760	92	92	\$ 1,160
AIK	AP 01	50	10,150	90	90	\$ 1,050
AIK	AP 01	55	10,770	68	73	\$ 4,450
AIK	AP 01	60	7,707	78	83	\$ 4,200
AIK	AP 02	30	25,430	41	47	\$ 19,390
AIK	AP 02	40	12,891	13	14	\$ 6,930
AIK	RW 1	10	16,557	60	76	\$ 4,440
AIK	RW 1	15	9,278	58	71	\$ 2,570



AIK - Aiken Regional Airport

Network ID	Branch ID	Section ID	Area (SF)	Start PCI	End PCI	Cost
AIK	RW 1	20	250,500	62	72	\$ 102,170
AIK	RW 7	10	500,000	63	71	\$ 92,370
AIK	RW 7	20	49,800	70	76	\$ 4,320
AIK	TL 01	10	16,971	57	82	\$ 25,450
AIK	TL 01	20	16,570	71	79	\$ 7,050
AIK	TL 01	30	64,261	85	87	\$ 5,080
AIK	TL 02	10	49,636	57	72	\$ 29,460
AIK	TL 03	10	20,664	25	59	\$ 56,140
AIK	TL D	20	3,242	65	71	\$ 370
AIK	TL D	30	26,249	37	63	\$ 71,320
AIK	TW A	10	149,234	69	73	\$ 12,320
AIK	TW A	15	7,429	62	68	\$ 660
AIK	TW A	20	9,391	75	75	\$ 2,610
AIK	TW A	30	35,414	74	78	\$ 10,530
AIK	TW B	10	44,077	70	77	\$ 4,030
AIK	TW B	15	11,697	66	70	\$ 70
AIK	TW B	20	58,115	65	72	\$ 7,680
AIK	TW C	10	22,625	69	76	\$ 3,750
AIK	TW D	10	22,431	63	67	\$ 1,860

Table C3 – Localized Maintenance and Repair Needs Based on Current Distresses

Network ID	Branch ID	Section ID	Description	Severity	Distress Qty	Distress Unit	Distress Density	Policy Type	Localized Work Type	Work Qty	Work Unit	Unit Cost	Work Cost
AIK	AP 01	10	L & T CR	Low	2,950	LF	3.8%	Preventive	AC Crack Sealing Narrow	2,950	LF	\$ 3.50	\$ 10,330
AIK	AP 01	15	L & T CR	Low	166	LF	1.6%	Preventive	AC Crack Sealing Narrow	166	LF	\$ 3.50	\$ 580
AIK	AP 01	15	OIL SPILLAGE	N/A	14	SF	0.1%	Preventive	AC Full-Depth Patching	33	SF	\$ 28.75	\$ 960
AIK	AP 01	20	L & T CR	Low	3,754	LF	5.8%	Preventive	AC Crack Sealing Narrow	3,754	LF	\$ 3.50	\$ 13,140
AIK	AP 01	35	L & T CR	Low	1,009	LF	3.1%	Preventive	AC Crack Sealing Narrow	1,009	LF	\$ 3.50	\$ 3,540
AIK	AP 01	40	L & T CR	Low	5,307	LF	4.0%	Preventive	AC Crack Sealing Narrow	5,307	LF	\$ 3.50	\$ 18,580
AIK	AP 01	45	L & T CR	Low	330	LF	2.2%	Preventive	AC Crack Sealing Narrow	330	LF	\$ 3.50	\$ 1,160
AIK	AP 01	50	L & T CR	Low	299	LF	3.0%	Preventive	AC Crack Sealing Narrow	299	LF	\$ 3.50	\$ 1,050
AIK	AP 01	60	L & T CR	Low	289	LF	3.8%	Preventive	AC Crack Sealing Narrow	289	LF	\$ 3.50	\$ 1,020
AIK	AP 01	60	WEATHERING	Medium	1,928	SF	25.0%	Preventive	Surface Seal	1,928	SF	\$ 1.65	\$ 3,190
AIK	TL 01	20	L & T CR	Low	170	LF	1.0%	Preventive	AC Crack Sealing Narrow	170	LF	\$ 3.50	\$ 600
AIK	TL 01	20	L & T CR	Medium	100	LF	0.6%	Preventive	AC Crack Sealing Narrow	100	LF	\$ 3.50	\$ 350
AIK	TL 01	20	WEATHERING	Medium	3,699	SF	22.3%	Preventive	Surface Seal	3,700	SF	\$ 1.65	\$ 6,110
AIK	TL 01	30	L & T CR	Low	1,342	LF	2.1%	Preventive	AC Crack Sealing Narrow	1,342	LF	\$ 3.50	\$ 4,700
AIK	TL 01	30	L & T CR	Medium	109	LF	0.2%	Preventive	AC Crack Sealing Narrow	109	LF	\$ 3.50	\$ 390
AIK	TW A	20	L & T CR	Low	744	LF	7.9%	Preventive	AC Crack Sealing Narrow	744	LF	\$ 3.50	\$ 2,610
AIK	TW A	30	L & T CR	Low	2,174	LF	6.1%	Preventive	AC Crack Sealing Narrow	2,175	LF	\$ 3.50	\$ 7,620
AIK	TW A	30	WEATHERING	Medium	1,768	SF	5.0%	Preventive	Surface Seal	1,769	SF	\$ 1.65	\$ 2,920
AIK	AP 01	05	L & T CR	Medium	10	LF	0.3%	Stopgap	AC Crack Sealing Narrow	10	LF	\$ 3.50	\$ 40
AIK	AP 01	05	WEATHERING	Medium	331	SF	10.0%	Stopgap	Surface Seal	332	SF	\$ 1.65	\$ 550
AIK	AP 01	25	L & T CR	Medium	228	LF	2.0%	Stopgap	AC Crack Sealing Narrow	228	LF	\$ 3.50	\$ 800
AIK	AP 01	25	WEATHERING	Medium	2,255	SF	20.0%	Stopgap	Surface Seal	2,255	SF	\$ 1.65	\$ 3,730
AIK	AP 01	30	L & T CR	Medium	35	LF	0.4%	Stopgap	AC Crack Sealing Narrow	35	LF	\$ 3.50	\$ 130
AIK	AP 01	30	WEATHERING	Medium	4,742	SF	50.0%	Stopgap	Surface Seal	4,743	SF	\$ 1.65	\$ 7,830
AIK	AP 01	55	WEATHERING	Medium	2,692	SF	25.0%	Stopgap	Surface Seal	2,692	SF	\$ 1.65	\$ 4,450
AIK	AP 02	30	LINEAR CR	Medium	2	Slabs	3.0%	Stopgap	PCC Crack Sealing	43	LF	\$ 7.00	\$ 300
AIK	AP 02	30	JT SEAL DMG	High	78	Slabs	100.0%	Stopgap	PCC Joint Seal	2,727	LF	\$ 7.00	\$ 19,090
AIK	AP 02	40	LINEAR CR	Medium	2	Slabs	7.7%	Stopgap	PCC Crack Sealing	50	LF	\$ 7.00	\$ 350
AIK	AP 02	40	JT SEAL DMG	High	31	Slabs	100.0%	Stopgap	PCC Joint Seal	841	LF	\$ 7.00	\$ 5,890
AIK	AP 02	40	JOINT SPALL	Medium	1	Slabs	3.9%	Stopgap	PCC Partial-Depth Patching	8	SF	\$ 90.00	\$ 700
AIK	RW 1	10	L & T CR	Medium	877	LF	5.3%	Stopgap	AC Crack Sealing Narrow	877	LF	\$ 3.50	\$ 3,080
AIK	RW 1	10	WEATHERING	Medium	827	SF	5.0%	Stopgap	Surface Seal	827	SF	\$ 1.65	\$ 1,370
AIK	RW 1	15	L & T CR	Medium	515	LF	5.6%	Stopgap	AC Crack Sealing Narrow	514	LF	\$ 3.50	\$ 1,810



STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

AIK - Aiken Regional Airport

Network ID	Branch ID	Section ID	Description	Severity	Distress Qty	Distress Unit	Distress Density	Policy Type	Localized Work Type	Work Qty	Work Unit	Unit Cost	Work Cost
AIK	RW 1	15	WEATHERING	Medium	464	SF	5.0%	Stopgap	Surface Seal	464	SF	\$ 1.65	\$ 770
AIK	RW 1	20	L & T CR	Medium	11,480	LF	4.6%	Stopgap	AC Crack Sealing Narrow	11,480	LF	\$ 3.50	\$ 40,180
AIK	RW 1	20	WEATHERING	Medium	37,566	SF	15.0%	Stopgap	Surface Seal	37,566	SF	\$ 1.65	\$ 61,990
AIK	RW 7	10	L & T CR	Medium	13,595	LF	2.7%	Stopgap	AC Crack Sealing Narrow	13,595	LF	\$ 3.50	\$ 47,590
AIK	RW 7	10	RAVELING	Medium	2,250	SF	0.5%	Stopgap	Surface Seal	2,250	SF	\$ 1.65	\$ 3,720
AIK	RW 7	10	WEATHERING	Medium	24,890	SF	5.0%	Stopgap	Surface Seal	24,891	SF	\$ 1.65	\$ 41,070
AIK	RW 7	20	L & T CR	Medium	60	LF	0.1%	Stopgap	AC Crack Sealing Narrow	60	LF	\$ 3.50	\$ 210
AIK	RW 7	20	WEATHERING	Medium	2,490	SF	5.0%	Stopgap	Surface Seal	2,490	SF	\$ 1.65	\$ 4,110
AIK	TL 01	10	WEATHERING	Medium	11,563	SF	68.1%	Stopgap	Surface Seal	11,563	SF	\$ 1.65	\$ 19,080
AIK	TL 01	10	WEATHERING	High	3,856	SF	22.7%	Stopgap	Surface Seal	3,856	SF	\$ 1.65	\$ 6,370
AIK	TL 02	10	L & T CR	Medium	2,565	LF	5.2%	Stopgap	AC Crack Sealing Narrow	2,565	LF	\$ 3.50	\$ 8,980
AIK	TL 02	10	WEATHERING	Medium	12,410	SF	25.0%	Stopgap	Surface Seal	12,410	SF	\$ 1.65	\$ 20,480
AIK	TL 03	10	BLOCK CR	Medium	20,664	SF	100.0%	Stopgap	AC Crack Sealing Narrow	6,298	LF	\$ 3.50	\$ 22,050
AIK	TL 03	10	WEATHERING	High	20,664	SF	100.0%	Stopgap	Surface Seal	20,664	SF	\$ 1.65	\$ 34,100
AIK	TL D	20	L & T CR	Medium	28	LF	0.9%	Stopgap	AC Crack Sealing Narrow	28	LF	\$ 3.50	\$ 100
AIK	TL D	20	WEATHERING	Medium	162	SF	5.0%	Stopgap	Surface Seal	163	SF	\$ 1.65	\$ 270
AIK	TL D	30	BLOCK CR	Medium	26,249	SF	100.0%	Stopgap	AC Crack Sealing Narrow	8,001	LF	\$ 3.50	\$ 28,010
AIK	TL D	30	WEATHERING	Medium	24,933	SF	95.0%	Stopgap	Surface Seal	24,934	SF	\$ 1.65	\$ 41,140
AIK	TL D	30	WEATHERING	High	1,316	SF	5.0%	Stopgap	Surface Seal	1,316	SF	\$ 1.65	\$ 2,180
AIK	TW A	10	WEATHERING	Medium	7,466	SF	5.0%	Stopgap	Surface Seal	7,466	SF	\$ 1.65	\$ 12,320
AIK	TW A	15	L & T CR	Medium	12	LF	0.2%	Stopgap	AC Crack Sealing Narrow	12	LF	\$ 3.50	\$ 50
AIK	TW A	15	WEATHERING	Medium	372	SF	5.0%	Stopgap	Surface Seal	372	SF	\$ 1.65	\$ 620
AIK	TW B	10	L & T CR	Medium	109	LF	0.3%	Stopgap	AC Crack Sealing Narrow	109	LF	\$ 3.50	\$ 390
AIK	TW B	10	WEATHERING	Medium	2,208	SF	5.0%	Stopgap	Surface Seal	2,208	SF	\$ 1.65	\$ 3,650
AIK	TW B	15	L & T CR	Medium	18	LF	0.2%	Stopgap	AC Crack Sealing Narrow	18	LF	\$ 3.50	\$ 70
AIK	TW B	20	L & T CR	Medium	718	LF	1.2%	Stopgap	AC Crack Sealing Narrow	718	LF	\$ 3.50	\$ 2,520
AIK	TW B	20	RAVELING	High	43	SF	0.1%	Stopgap	AC Partial-Depth Patching	43	SF	\$ 8.50	\$ 370
AIK	TW B	20	WEATHERING	Medium	2,904	SF	5.0%	Stopgap	Surface Seal	2,904	SF	\$ 1.65	\$ 4,800
AIK	TW C	10	L & T CR	Medium	537	LF	2.4%	Stopgap	AC Crack Sealing Narrow	537	LF	\$ 3.50	\$ 1,880
AIK	TW C	10	WEATHERING	Medium	1,132	SF	5.0%	Stopgap	Surface Seal	1,132	SF	\$ 1.65	\$ 1,870
AIK	TW D	10	WEATHERING	Medium	1,124	SF	5.0%	Stopgap	Surface Seal	1,124	SF	\$ 1.65	\$ 1,860

Table C4 – 5-Year Major Rehabilitation Needs

Program Year	Network ID	Branch ID	Section ID	Surface	Area (SF)	PCI Before	Rehabilitation Type	Planning Cost Estimate
2024	AIK	AP 01	05	AAC	3,314	59	AC Rehabilitation	\$ 39,000
2024	AIK	AP 01	25	AC	11,276	68	AC Rehabilitation	\$ 130,000
2024	AIK	AP 01	30	AC	9,486	64	AC Rehabilitation	\$ 110,000
2024	AIK	AP 01	55	AC	10,770	67	AC Rehabilitation	\$ 124,000
2024	AIK	AP 02	30	PCC	25,430	41	PCC Reconstruction	\$ 1,653,000
2024	AIK	AP 02	40	PCC	12,891	13	PCC Reconstruction	\$ 838,000
2024	AIK	RW 1	10	AAC	16,557	59	AC Rehabilitation	\$ 191,000
2024	AIK	RW 1	15	AAC	9,278	57	AC Rehabilitation	\$ 107,000
2024	AIK	RW 1	20	AAC	250,500	61	AC Rehabilitation	\$ 2,881,000
2024	AIK	RW 7	10	AAC	500,000	62	AC Rehabilitation	\$ 5,750,000
2024	AIK	RW 7	20	AC	49,800	69	AC Rehabilitation	\$ 573,000
2024	AIK	TL 01	10	AC	16,971	56	AC Rehabilitation	\$ 204,000
2024	AIK	TL 01	20	AC	16,570	70	AC Rehabilitation	\$ 191,000
2024	AIK	TL 02	10	AC	49,636	56	AC Rehabilitation	\$ 596,000
2024	AIK	TL 03	10	AAC	20,664	24	AC Reconstruction	\$ 744,000
2024	AIK	TLD	20	AAC	3,242	64	AC Rehabilitation	\$ 38,000
2024	AIK	TLD	30	AAC	26,249	36	AC Reconstruction	\$ 945,000
2024	AIK	TW A	10	AAC	149,234	68	AC Rehabilitation	\$ 1,717,000
2024	AIK	TW A	15	AAC	7,429	61	AC Rehabilitation	\$ 86,000
2024	AIK	TW B	10	AAC	44,077	69	AC Rehabilitation	\$ 507,000
2024	AIK	TW B	15	AAC	11,697	65	AC Rehabilitation	\$ 135,000
2024	AIK	TW B	20	AAC	58,115	64	AC Rehabilitation	\$ 669,000
2024	AIK	TW C	10	AAC	22,625	68	AC Rehabilitation	\$ 261,000
2024	AIK	TW D	10	AAC	22,431	62	AC Rehabilitation	\$ 258,000
2026	AIK	TW A	30	AC	35,414	70	AC Rehabilitation	\$ 433,000
2027	AIK	TW A	20	AAC	9,391	69	AC Rehabilitation	\$ 119,000
Total 5-Year Major Rehabilitation Needs =								\$ 19,299,000



Appendix D – PCI Results Summary

RW 1

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
RW 1	RUNWAY	3	276,335	62	Fair

Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
10	16,557	AAC	2005	2019	60	Fair	100	0	0
15	9,278	AAC	2005	2019	58	Fair	97	0	3
20	250,500	AAC	2005	2019	62	Fair	98	0	2



RW 1-10



RW 1-15



RW 1-20



RW 1-20

RW 7

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
RW 7	RUNWAY	2	549,800	64	Fair

Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
10	500,000	AAC	2005	2019	63	Fair	96	0	4
20	49,800	AC	2002	2019	70	Fair	100	0	0



RW 7-10



RW 7-20

TW A

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW A	TAXIWAY	4	201,468	70	Fair

Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
10	149,234	AAC	2005	2019	69	Fair	100	0	0
15	7,429	AAC	2002	2019	62	Fair	63	37	0
20	9,391	AAC	2005	2019	75	Satisfactory	100	0	0
30	35,414	AC	2002	2019	74	Satisfactory	100	0	0



TW A-10



TW A-15



TW A-20



TW A-30

TWB

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW B	TAXIWAY	3	113,889	67	Fair

Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
10	44,077	AAC	2005	2019	70	Fair	100	0	0
15	11,697	AAC	2002	2019	66	Fair	100	0	0
20	58,115	AAC	2005	2019	65	Fair	100	0	0



TW B-10



TW B-15



TW B-20

TWC

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TWC	TAXIWAY	1	22,625	69	Fair

Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
10	22,625	AAC	2005	2019	69	Fair	100	0	0



TWC-10

TWD

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TWD	TAXIWAY	1	22,431	63	Fair

Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
10	22,431	AAC	2005	2019	63	Fair	75	0	25



TWD-10

TL 01

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TL 01	TAXILANE	3	97,802	78	Satisfactory

Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
10	16,971	AC	1970	2019	57	Fair	96	0	4
20	16,570	AC	2001	2019	71	Satisfactory	100	0	0
30	64,261	AC	2020	-	85	Satisfactory	100	0	0



TL 01-10



TL 01-20



TL 01-30

TL 02

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TL 02	TAXILANE	1	49,636	57	Fair

Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
10	49,636	AC	1998	2019	57	Fair	100	0	0



TL 02-10

TL 03

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TL 03	TAXILANE	1	20,664	25	Serious

Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
10	20,664	AAC	1970	2019	25	Serious	100	0	0



TL 03-10

TLD

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TLD	TAXILANE	2	29,491	40	Very Poor

Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
20	3,242	AAC	2005	2019	65	Fair	89	0	11
30	26,249	AAC	1994	2019	37	Very Poor	100	0	0



TL D-20



TL D-30

AP 01

Branch ID	Branch Use	Number of Sections	Branch Area (SF)			Branch Area-Weighted Avg PCI	Branch Condition Rating		
AP 01	APRON	12	385,148			86	Good		
Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
05	3,314	AAC	2005	2019	60	Fair	100	0	0
10	77,968	AAC	2016	2019	88	Good	100	0	0
15	10,190	AC	2016	2019	91	Good	75	0	25
20	64,813	AAC	2016	2019	84	Satisfactory	100	0	0
25	11,276	AC	2006	2019	69	Fair	100	0	0
30	9,486	AC	2006	2019	65	Fair	100	0	0
35	32,983	AAC	2016	2019	90	Good	100	0	0
40	131,731	AC	2016	2019	88	Good	100	0	0
45	14,760	AC	2016	2019	92	Good	100	0	0
50	10,150	AC	2016	2019	90	Good	100	0	0
55	10,770	AC	2004	2019	68	Fair	100	0	0
60	7,707	AC	2006	2019	78	Satisfactory	100	0	0



AP 01-10



AP 01-25



AP 01-30



AP 01-55

AP 02

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
AP 02	APRON	2	38,321	32	Very Poor

Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
30	25,430	PCC	2002	-	41	Poor	12	73	15
40	12,891	PCC	2002	-	13	Serious	8	88	4



AP 02-30



AP 02-40



Appendix E – Re-Inspection Report

Re-Inspection Report

SCAC_2023

Generated Date

5/30/2023

Page 1 of 38

Network: AIK **Name:** Aiken Regional Airport

Branch: AP 01 **Name:** APRON 01 **Use:** APRON **Area:** 385,148 SqFt

Section: 05 of 12 **From:** - **To:** - **Last Const.:** 6/1/2005

Surface: AAC **Family:** SC2_AP_AC **Zone:** **Category:** G **Rank:** P

Area: 3,314 SqFt **Length:** 20 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: 3/1/1989 **Work Type:** Base Course - Aggregate **Code:** BA-AG **Is Major M&R:** False

Work Date: 3/1/1989 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 3/1/1989 **Work Type:** Surface Course - AC (Layer Construct) **Code:** SU-AC **Is Major M&R:** False

Work Date: 6/1/1997 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Work Date: 6/1/1997 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Work Date: 6/1/2005 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

Work Date: 1/1/2019 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Last Insp. Date: 1/9/2023 **Total Samples:** 1 **Surveyed:** 1

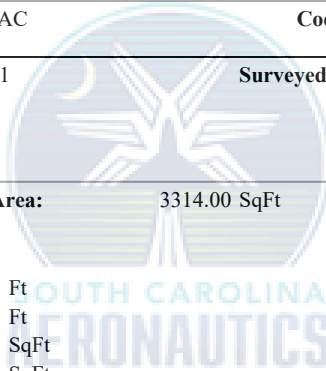
Conditions: PCI: 60

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3314.00 SqFt **PCI:** 60

Sample Comments:

48	L & T CR	L	390.00	Ft
48	L & T CR	M	10.00	Ft
57	WEATHERING	L	2983.00	SqFt
57	WEATHERING	M	331.00	SqFt



Network:	AIK		Name:	Aiken Regional Airport			
Branch:	AP 01	Name:	APRON 01	Use:	APRON	Area:	385,148 SqFt
Section:	10	of 12	From:	-	To:	-	Last Const.: 6/1/2016
Surface:	AAC	Family:	SC2_AP_AC	Zone:		Category:	G
Area:	77,968 SqFt	Length:	250 Ft	Width:	270 Ft	Rank:	P
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft
Shoulder:		Street Type:		Grade:	0	Lanes:	0
Section Comments:							
Work Date:	3/1/1989	Work Type:	Surface Course - AC (Layer Construct)	Code:	SU-AC	Is Major M&R:	False
Work Date:	3/1/1989	Work Type:	Base Course - Aggregate	Code:	BA-AG	Is Major M&R:	False
Work Date:	3/1/1989	Work Type:	New Construction - AC	Code:	NC-AC	Is Major M&R:	True
Work Date:	6/1/1997	Work Type:	Crack Sealing - AC	Code:	CS-AC	Is Major M&R:	False
Work Date:	6/1/1997	Work Type:	Surface Seal - Rejuvenating	Code:	SS-RE	Is Major M&R:	False
Work Date:	6/1/2016	Work Type:	Overlay - AC Structural	Code:	OL-AS	Is Major M&R:	True
Work Date:	1/1/2019	Work Type:	Crack Sealing - AC	Code:	CS-AC	Is Major M&R:	False
Work Date:	1/1/2019	Work Type:	Surface Seal - Rejuvenating	Code:	SS-RE	Is Major M&R:	False

Last Insp. Date: 1/9/2023 **TotalSamples:** 19 **Surveyed:** 4

Conditions: PCI: 88

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 5001.00 SqFt **PCI:** 89

Sample Comments:

48 L & T CR L 164.00 Ft

Sample Number: 06 **Type:** R **Area:** 5001.00 SqFt **PCI:** 87

Sample Comments:

48 L & T CR L 201.00 Ft

Sample Number: 08 **Type:** R **Area:** 5001.00 SqFt **PCI:** 90

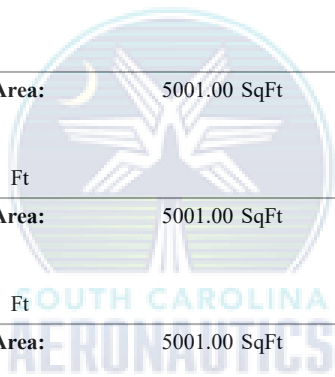
Sample Comments:

48 L & T CR L 150.00 Ft

Sample Number: 16 **Type:** R **Area:** 4501.00 SqFt **PCI:** 85

Sample Comments:

48 L & T CR L 223.00 Ft



Network: AIK **Name:** Aiken Regional Airport

Branch: AP 01 **Name:** APRON 01 **Use:** APRON **Area:** 385,148 SqFt

Section: 15 of 12 **From:** - **To:** - **Last Const.:** 6/1/2016

Surface: AC **Family:** SC2_AP_AC **Zone:** **Category:** G **Rank:** S

Area: 10,190 SqFt **Length:** 192 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: 6/1/1945 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 6/1/1945 **Work Type:** Surface Course - AC (Layer Construct) **Code:** SU-AC **Is Major M&R:** False

Work Date: 6/1/1970 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

Work Date: 6/1/1997 **Work Type:** Surface Treatment - Seal Coat **Code:** ST-SC **Is Major M&R:** False

Work Date: 6/1/2016 **Work Type:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Work Date: 1/1/2019 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Last Insp. Date: 1/9/2023 **TotalSamples:** 2 **Surveyed:** 1

Conditions: PCI: 91

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 5045.00 SqFt **PCI:** 91

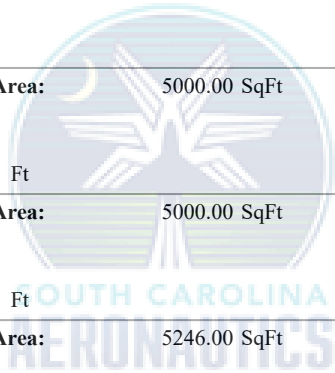
Sample Comments:

48 L & T CR L 82.00 Ft
49 OIL SPILLAGE N 7.00 SqFt



Network:	AIK		Name:	Aiken Regional Airport					
Branch:	AP 01	Name:	APRON 01	Use:	APRON	Area:	385,148 SqFt		
Section:	20	of 12	From:	-	To:	-	Last Const.:	6/1/2016	
Surface:	AAC	Family:	SC2_AP_AC	Zone:		Category:	G	Rank:	S
Area:	64,813 SqFt	Length:	225 Ft	Width:	235 Ft				
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft		
Shoulder:		Street Type:		Grade:	0	Lanes:	0		
Section Comments:									
Work Date:	6/1/1967	Work Type:	New Construction - AC	Code:	NC-AC	Is Major M&R:	True		
Work Date:	6/1/1967	Work Type:	Surface Course - AC (Layer Construct)	Code:	SU-AC	Is Major M&R:	False		
Work Date:	6/1/1997	Work Type:	Surface Treatment - Seal Coat	Code:	ST-SC	Is Major M&R:	False		
Work Date:	6/1/2003	Work Type:	Overlay - AC Structural	Code:	OL-AS	Is Major M&R:	True		
Work Date:	6/1/2006	Work Type:	Overlay - AC Structural	Code:	OL-AS	Is Major M&R:	True		
Work Date:	6/1/2016	Work Type:	Overlay - AC Structural	Code:	OL-AS	Is Major M&R:	True		
Work Date:	1/1/2019	Work Type:	Surface Seal - Rejuvenating	Code:	SS-RE	Is Major M&R:	False		
Work Date:	1/1/2019	Work Type:	Crack Sealing - AC	Code:	CS-AC	Is Major M&R:	False		

Last Insp. Date:	1/9/2023	TotalSamples:	13	Surveyed:	3		
Conditions:	PCI: 84						
Inspection Comments:							
Sample Number:	03	Type:	R	Area:	5000.00 SqFt	PCI:	85
Sample Comments:							
48	L & T CR	L	245.00	Ft			
Sample Number:	06	Type:	R	Area:	5000.00 SqFt	PCI:	84
Sample Comments:							
48	L & T CR	L	279.00	Ft			
Sample Number:	09	Type:	R	Area:	5246.00 SqFt	PCI:	82
Sample Comments:							
48	L & T CR	L	359.00	Ft			



Network: AIK **Name:** Aiken Regional Airport

Branch: AP 01 **Name:** APRON 01 **Use:** APRON **Area:** 385,148 SqFt

Section: 25 of 12 **From:** - **To:** - **Last Const.:** 6/1/2006

Surface: AC **Family:** SC2_AP_AC **Zone:** **Category:** G **Rank:** S

Area: 11,276 SqFt **Length:** 150 Ft **Width:** 95 Ft

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

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

Section Comments:

Work Date: 6/1/1967 **Work Type:** Surface Course - AC (Layer Construct) **Code:** SU-AC **Is Major M&R:** False

Work Date: 6/1/1967 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 6/1/1997 **Work Type:** Surface Treatment - Seal Coat **Code:** ST-SC **Is Major M&R:** False

Work Date: 6/1/2006 **Work Type:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Work Date: 6/1/2006 **Work Type:** Surface Course - AC (Layer Construct) **Code:** LC-AC **Is Major M&R:** False

Work Date: 6/1/2006 **Work Type:** Base Course - Aggregate **Code:** BA-AG **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Last Insp. Date: 1/9/2023 **TotalSamples:** 3 **Surveyed:** 1

Conditions: PCI: 69

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4796.00 SqFt **PCI:** 69

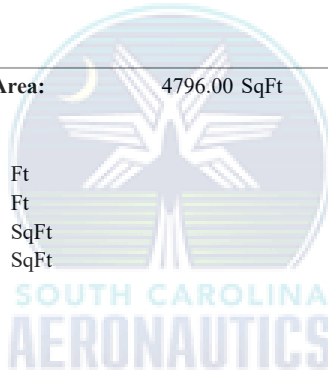
Sample Comments:

48 L & T CR L 144.00 Ft

48 L & T CR M 97.00 Ft

57 WEATHERING L 3837.00 SqFt

57 WEATHERING M 959.00 SqFt



Network: AIK **Name:** Aiken Regional Airport

Branch: AP 01 **Name:** APRON 01 **Use:** APRON **Area:** 385,148 SqFt

Section: 30 of 12 **From:** - **To:** - **Last Const.:** 6/1/2006

Surface: AC **Family:** SC2_AP_AC **Zone:** **Category:** G **Rank:** P

Area: 9,486 SqFt **Length:** 160 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: 6/1/1991 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 6/1/1991 **Work Type:** Surface Course - AC (Layer Construct) **Code:** SU-AC **Is Major M&R:** False

Work Date: 6/1/1997 **Work Type:** Surface Treatment - Seal Coat **Code:** ST-SC **Is Major M&R:** False

Work Date: 6/1/2006 **Work Type:** Surface Course - AC (Layer Construct) **Code:** LC-AC **Is Major M&R:** False

Work Date: 6/1/2006 **Work Type:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Work Date: 6/1/2006 **Work Type:** Base Course - Aggregate **Code:** BA-AG **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Last Insp. Date: 1/9/2023 **TotalSamples:** 2 **Surveyed:** 1

Conditions: PCI: 65

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5729.00 SqFt **PCI:** 65

Sample Comments:

48 L & T CR L 441.00 Ft

48 L & T CR M 21.00 Ft

57 WEATHERING L 2865.00 SqFt

57 WEATHERING M 2864.00 SqFt



Network: AIK **Name:** Aiken Regional Airport

Branch: AP 01 **Name:** APRON 01 **Use:** APRON **Area:** 385,148 SqFt

Section: 35 of 12 **From:** - **To:** - **Last Const.:** 6/1/2016

Surface: AAC **Family:** SC2_AP_AC **Zone:** **Category:** G **Rank:** P

Area: 32,983 SqFt **Length:** 220 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: 6/1/1991 **Work Type:** Surface Course - AC (Layer Construct) **Code:** SU-AC **Is Major M&R:** False

Work Date: 6/1/1991 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 6/1/1997 **Work Type:** Surface Treatment - Seal Coat **Code:** ST-SC **Is Major M&R:** False

Work Date: 6/1/2003 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

Work Date: 6/1/2006 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

Work Date: 6/1/2016 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

Work Date: 1/1/2019 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Last Insp. Date: 1/9/2023 **Total Samples:** 7 **Surveyed:** 2

Conditions: PCI: 90

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5000.00 SqFt **PCI:** 89

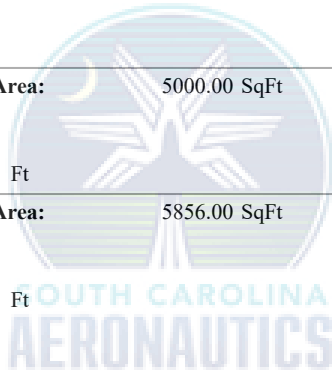
Sample Comments:

48 L & T CR L 161.00 Ft

Sample Number: 06 **Type:** R **Area:** 5856.00 SqFt **PCI:** 90

Sample Comments:

48 L & T CR L 171.00 Ft



Network: AIK **Name:** Aiken Regional Airport

Branch: AP 01 **Name:** APRON 01 **Use:** APRON **Area:** 385,148 SqFt

Section: 40 of 12 **From:** - **To:** - **Last Const.:** 6/1/2016

Surface: AC **Family:** SC2_AP_AC **Zone:** **Category:** **Rank:** P

Area: 131,731 SqFt **Length:** 630 Ft **Width:** 250 Ft

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

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

Section Comments:

Work Date: 6/1/2016 **Work Type:** Base Course - Aggregate **Code:** BA-AG **Is Major M&R:** False

Work Date: 6/1/2016 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 6/1/2016 **Work Type:** Surface Course - AC (Layer Construct) **Code:** LC-AC **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Last Insp. Date: 1/9/2023 **TotalSamples:** 27 **Surveyed:** 6

Conditions: PCI: 88

Inspection Comments:

Sample Number: 06 **Type:** R **Area:** 3974.00 SqFt **PCI:** 91

Sample Comments:

48 L & T CR L 105.00 Ft

Sample Number: 11 **Type:** R **Area:** 5000.00 SqFt **PCI:** 87

Sample Comments:

48 L & T CR L 204.00 Ft

Sample Number: 16 **Type:** R **Area:** 5000.00 SqFt **PCI:** 91

Sample Comments:

48 L & T CR L 136.00 Ft

Sample Number: 18 **Type:** R **Area:** 4943.00 SqFt **PCI:** 88

Sample Comments:

48 L & T CR L 179.00 Ft

Sample Number: 20 **Type:** R **Area:** 5000.00 SqFt **PCI:** 87

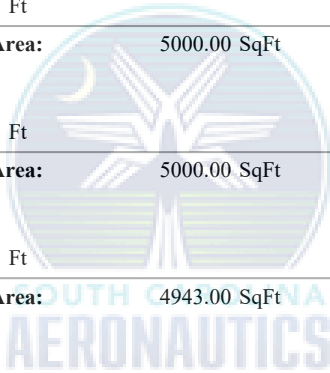
Sample Comments:

48 L & T CR L 200.00 Ft

Sample Number: 22 **Type:** R **Area:** 5250.00 SqFt **PCI:** 82

Sample Comments:

48 L & T CR L 351.00 Ft



Network: AIK **Name:** Aiken Regional Airport

Branch: AP 01 **Name:** APRON 01 **Use:** APRON **Area:** 385,148 SqFt

Section: 45 of 12 **From:** - **To:** - **Last Const.:** 6/1/2016

Surface: AC **Family:** SC2_AP_AC **Zone:** **Category:** G **Rank:** P

Area: 14,760 SqFt **Length:** 675 Ft **Width:** 42 Ft

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

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

Section Comments:

Work Date: 6/1/1991 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 6/1/1991 **Work Type:** Surface Course - AC (Layer Construct) **Code:** SU-AC **Is Major M&R:** False

Work Date: 6/1/1997 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Work Date: 6/1/2003 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

Work Date: 6/1/2016 **Work Type:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Work Date: 6/1/2016 **Work Type:** Base Course - Aggregate **Code:** BA-AG **Is Major M&R:** False

Work Date: 6/1/2016 **Work Type:** Surface Course - AC (Layer Construct) **Code:** LC-AC **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Last Insp. Date: 1/9/2023 **TotalSamples:** 3 **Surveyed:** 1

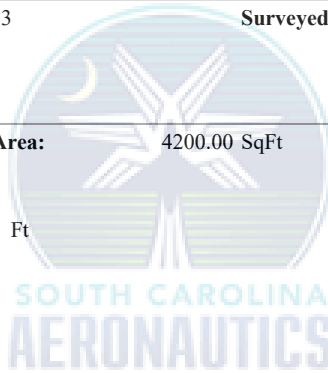
Conditions: PCI: 92

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 4200.00 SqFt **PCI:** 92

Sample Comments:

48 L & T CR L 94.00 Ft



Network: AIK **Name:** Aiken Regional Airport

Branch: AP 01 **Name:** APRON 01 **Use:** APRON **Area:** 385,148 SqFt

Section: 50 of 12 **From:** - **To:** - **Last Const.:** 6/1/2016

Surface: AC **Family:** SC2_AP_AC **Zone:** **Category:** **Rank:** P

Area: 10,150 SqFt **Length:** 306 Ft **Width:** 33 Ft

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

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

Section Comments:

Work Date: 6/1/2016 **Work Type:** Surface Course - AC (Layer Construct) **Code:** LC-AC **Is Major M&R:** False

Work Date: 6/1/2016 **Work Type:** Base Course - Aggregate **Code:** BA-AG **Is Major M&R:** False

Work Date: 6/1/2016 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 1/1/2019 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Last Insp. Date: 1/9/2023 **TotalSamples:** 2 **Surveyed:** 1

Conditions: PCI: 90

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5465.00 SqFt **PCI:** 90

Sample Comments:

48 L & T CR L 161.00 Ft



Network:	AIK		Name:	Aiken Regional Airport			
Branch:	AP 01	Name:	APRON 01	Use:	APRON	Area:	385,148 SqFt
Section:	55	of 12	From:	-	To:	-	Last Const.: 6/1/2004
Surface:	AC	Family:	SC2_AP_AC	Zone:		Category:	Rank: P
Area:	10,770 SqFt	Length:	130 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:	6/1/2004	Work Type:	New Construction - AC	Code:	NC-AC	Is Major M&R:	True
Work Date:	1/1/2019	Work Type:	Surface Seal - Rejuvenating	Code:	SS-RE	Is Major M&R:	False
Last Insp. Date:	1/9/2023	TotalSamples:	2	Surveyed:	1		
Conditions:	PCI: 68						
Inspection Comments:							
Sample Number:	01	Type:	R	Area:	4173.00 SqFt	PCI:	68
Sample Comments:							
48	L & T CR	L	383.00 Ft				
57	WEATHERING	L	3130.00 SqFt				
57	WEATHERING	M	1043.00 SqFt				



Network: AIK **Name:** Aiken Regional Airport

Branch: AP 01 **Name:** APRON 01 **Use:** APRON **Area:** 385,148 SqFt

Section: 60 of 12 **From:** - **To:** - **Last Const.:** 6/1/2006

Surface: AC **Family:** SC2_AP_AC **Zone:** **Category:** **Rank:** P

Area: 7,707 SqFt **Length:** 100 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: 6/1/2006 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 1/1/2019 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Last Insp. Date: 1/9/2023 **TotalSamples:** 2 **Surveyed:** 1

Conditions: PCI: 78

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3838.00 SqFt **PCI:** 78

Sample Comments:

48 L & T CR L 144.00 Ft
57 WEATHERING L 2878.00 SqFt
57 WEATHERING M 960.00 SqFt



Network: AIK **Name:** Aiken Regional Airport

Branch: AP 02 **Name:** APRON 02 **Use:** APRON **Area:** 38,321 SqFt

Section: 30 of 2 **From:** - **To:** - **Last Const.:** 6/1/2002

Surface: PCC **Family:** SC 234 NonRW PCC **Zone:** **Category:** **Rank:** P

Area: 25,430 SqFt **Length:** 180 Ft **Width:** 153 Ft

Slabs: 78 **Slab Length:** 18 Ft **Slab Width:** 18 Ft **Joint Length:** 2,727 Ft

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

Section Comments:

Work Date: 6/1/2002 **Work Type:** New Construction - PCC **Code:** NC-PC **Is Major M&R:** True

Last Insp. Date: 1/9/2023 **TotalSamples:** 5 **Surveyed:** 2

Conditions: PCI: 41

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 15.00 Slabs **PCI:** 23

Sample Comments:

63	LINEAR CR	L	3.00	Slabs
63	LINEAR CR	M	1.00	Slabs
65	JT SEAL DMG	H	15.00	Slabs
72	SHAT. SLAB	L	10.00	Slabs
72	SHAT. SLAB	M	1.00	Slabs
73	SHRINKAGE CR	N	14.00	Slabs
75	CORNER SPALL	L	1.00	Slabs

Sample Number: 03 **Type:** R **Area:** 18.00 Slabs **PCI:** 55

Sample Comments:

63	LINEAR CR	L	7.00	Slabs
65	JT SEAL DMG	H	18.00	Slabs
72	SHAT. SLAB	L	2.00	Slabs
73	SHRINKAGE CR	N	18.00	Slabs



Network: AIK **Name:** Aiken Regional Airport

Branch: AP 02 **Name:** APRON 02 **Use:** APRON **Area:** 38,321 SqFt

Section: 40 of 2 **From:** - **To:** - **Last Const.:** 6/1/2002

Surface: PCC **Family:** SC 234 NonRW PCC **Zone:** **Category:** **Rank:** P

Area: 12,891 SqFt **Length:** 92 Ft **Width:** 113 Ft

Slabs: 31 **Slab Length:** 25 Ft **Slab Width:** 16 Ft **Joint Length:** 841 Ft

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

Section Comments:

Work Date: 6/1/2002 **Work Type:** New Construction - PCC **Code:** NC-PC **Is Major M&R:** True

Last Insp. Date: 1/9/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: PCI: 13

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 26.00 Slabs **PCI:** 13

Sample Comments:

62	CORNER BREAK	L	3.00	Slabs
62	CORNER BREAK	M	1.00	Slabs
63	LINEAR CR	L	3.00	Slabs
63	LINEAR CR	M	2.00	Slabs
65	JT SEAL DMG	H	26.00	Slabs
72	SHAT. SLAB	L	6.00	Slabs
72	SHAT. SLAB	M	13.00	Slabs
73	SHRINKAGE CR	N	4.00	Slabs
74	JOINT SPALL	M	1.00	Slabs



Network: AIK **Name:** Aiken Regional Airport

Branch: RW 1 **Name:** RUNWAY 1-19 **Use:** RUNWAY **Area:** 276,335 SqFt

Section: 10 of 3 **From:** - **To:** - **Last Const.:** 6/1/2005

Surface: AAC **Family:** SC2_RW_AC **Zone:** **Category:** G **Rank:** S

Area: 16,557 SqFt **Length:** 220 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: 6/1/1945 **Work Type:** Surface Course - AC (Layer Construct) **Code:** SU-AC **Is Major M&R:** False

Work Date: 6/1/1945 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 6/1/1945 **Work Type:** Base Course - Aggregate **Code:** BA-AG **Is Major M&R:** False

Work Date: 8/1/1983 **Work Type:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Work Date: 8/1/1983 **Work Type:** Base Course - Bituminous **Code:** BA-BI **Is Major M&R:** False

Work Date: 8/1/1983 **Work Type:** Surface Course - AC (Layer Construct) **Code:** LC-AC **Is Major M&R:** True

Work Date: 1/1/1999 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Work Date: 6/1/2005 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

Work Date: 1/1/2019 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Last Insp. Date: 1/9/2023 **Total Samples:** 3 **Surveyed:** 1

Conditions: PCI: 60

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 5625.00 SqFt **PCI:** 60

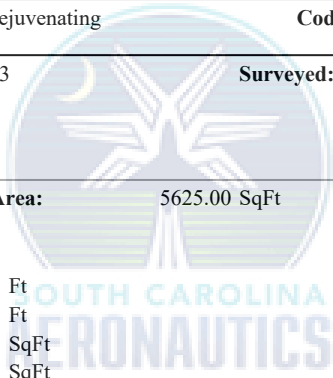
Sample Comments:

48 L & T CR L 123.00 Ft

48 L & T CR M 298.00 Ft

57 WEATHERING L 5344.00 SqFt

57 WEATHERING M 281.00 SqFt



Network: AIK **Name:** Aiken Regional Airport

Branch: RW 1 **Name:** RUNWAY 1-19 **Use:** RUNWAY **Area:** 276,335 SqFt

Section: 15 of 3 **From:** - **To:** - **Last Const.:** 6/1/2005

Surface: AAC **Family:** SC2_RW_AC **Zone:** **Category:** G **Rank:** S

Area: 9,278 SqFt **Length:** 140 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: 6/1/1945 **Work Type:** Base Course - Aggregate **Code:** BA-AG **Is Major M&R:** False

Work Date: 6/1/1945 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 6/1/1945 **Work Type:** Surface Course - AC (Layer Construct) **Code:** SU-AC **Is Major M&R:** False

Work Date: 8/1/1983 **Work Type:** Base Course - Bituminous **Code:** BA-BI **Is Major M&R:** False

Work Date: 8/1/1983 **Work Type:** Surface Course - AC (Layer Construct) **Code:** LC-AC **Is Major M&R:** True

Work Date: 8/1/1983 **Work Type:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Work Date: 1/1/1999 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Work Date: 6/1/2005 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

Work Date: 1/1/2019 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Last Insp. Date: 1/9/2023 **Total Samples:** 2 **Surveyed:** 1

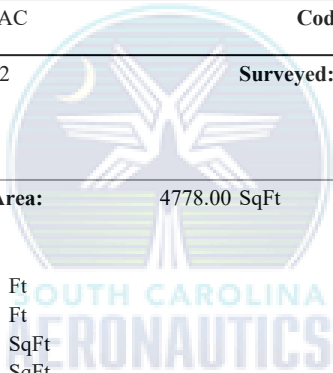
Conditions: PCI: 58

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4778.00 SqFt **PCI:** 58

Sample Comments:

48 L & T CR L 191.00 Ft
48 L & T CR M 265.00 Ft
56 SWELLING L 13.00 SqFt
57 WEATHERING L 4539.00 SqFt
57 WEATHERING M 239.00 SqFt



Network:	AIK		Name:	Aiken Regional Airport			
Branch:	RW 1	Name:	RUNWAY 1-19	Use:	RUNWAY	Area:	276,335 SqFt
Section:	20	of 3	From:	-	To:	-	Last Const.: 6/1/2005
Surface:	AAC	Family:	SC2_RW_AC	Zone:		Category:	G
Area:	250,500 SqFt	Length:	3,325 Ft	Width:	75 Ft	Rank:	S
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft
Shoulder:		Street Type:		Grade:	0	Lanes:	0
Section Comments:							
Work Date:	6/1/1945	Work Type:	New Construction - AC	Code:	NC-AC	Is Major M&R:	True
Work Date:	6/1/1945	Work Type:	Surface Course - AC (Layer Construct)	Code:	LC-AC	Is Major M&R:	False
Work Date:	6/1/1945	Work Type:	Base Course - Aggregate	Code:	BA-AG	Is Major M&R:	False
Work Date:	6/1/1970	Work Type:	Overlay - AC Structural	Code:	OL-AS	Is Major M&R:	True
Work Date:	1/1/1986	Work Type:	Crack Sealing - AC	Code:	CS-AC	Is Major M&R:	False
Work Date:	6/1/1990	Work Type:	Surface Seal - Rejuvenating	Code:	SS-RE	Is Major M&R:	False
Work Date:	6/1/2005	Work Type:	Overlay - AC Structural	Code:	OL-AS	Is Major M&R:	True
Work Date:	1/1/2019	Work Type:	Crack Sealing - AC	Code:	CS-AC	Is Major M&R:	False
Work Date:	1/1/2019	Work Type:	Surface Seal - Rejuvenating	Code:	SS-RE	Is Major M&R:	False
Last Insp. Date:	1/9/2023	TotalSamples:	45	Surveyed:	9		
Conditions:	PCI: 62						
Inspection Comments:							
Sample Number:	04	Type:	R	Area:	5625.00 SqFt	PCI:	57
Sample Comments:							
48	L & T CR	L	176.00	Ft			
48	L & T CR	M	375.00	Ft			
57	WEATHERING	L	5344.00	SqFt			
57	WEATHERING	M	281.00	SqFt			
Sample Number:	08	Type:	R	Area:	5625.00 SqFt	PCI:	57
Sample Comments:							
48	L & T CR	L	206.00	Ft			
48	L & T CR	M	445.00	Ft			
57	WEATHERING	L	281.00	SqFt			
57	WEATHERING	M	5344.00	SqFt			
Sample Number:	13	Type:	R	Area:	5625.00 SqFt	PCI:	57
Sample Comments:							
48	L & T CR	L	172.00	Ft			
48	L & T CR	M	375.00	Ft			
57	WEATHERING	L	5344.00	SqFt			
57	WEATHERING	M	281.00	SqFt			
Sample Number:	17	Type:	R	Area:	5625.00 SqFt	PCI:	58
Sample Comments:							
48	L & T CR	L	220.00	Ft			
48	L & T CR	M	300.00	Ft			
56	SWELLING	L	12.00	SqFt			
57	WEATHERING	L	5344.00	SqFt			
57	WEATHERING	M	281.00	SqFt			
Sample Number:	22	Type:	R	Area:	5625.00 SqFt	PCI:	64
Sample Comments:							
48	L & T CR	L	418.00	Ft			
48	L & T CR	M	225.00	Ft			
57	WEATHERING	L	5344.00	SqFt			

57 WEATHERING M 281.00 SqFt

Sample Number: 26 **Type:** R **Area:** 5625.00 SqFt **PCI:** 68

Sample Comments:

48 L & T CR L 393.00 Ft

48 L & T CR M 150.00 Ft

57 WEATHERING L 5344.00 SqFt

57 WEATHERING M 281.00 SqFt

Sample Number: 31 **Type:** R **Area:** 5625.00 SqFt **PCI:** 68

Sample Comments:

48 L & T CR L 321.00 Ft

48 L & T CR M 150.00 Ft

57 WEATHERING L 5344.00 SqFt

57 WEATHERING M 281.00 SqFt

Sample Number: 35 **Type:** R **Area:** 5625.00 SqFt **PCI:** 68

Sample Comments:

48 L & T CR L 370.00 Ft

48 L & T CR M 150.00 Ft

57 WEATHERING L 5344.00 SqFt

57 WEATHERING M 281.00 SqFt

Sample Number: 40 **Type:** R **Area:** 5625.00 SqFt **PCI:** 65

Sample Comments:

48 L & T CR L 495.00 Ft

48 L & T CR M 150.00 Ft

57 WEATHERING L 5344.00 SqFt

57 WEATHERING M 281.00 SqFt



Network:	AIK		Name:	Aiken Regional Airport			
Branch:	RW 7	Name:	RUNWAY 7-25	Use:	RUNWAY	Area:	549,800 SqFt
Section:	10	of 2	From:	-	To:	-	Last Const.: 6/1/2005
Surface:	AAC	Family:	SC2_RW_AC	Zone:		Category:	G
Area:	500,000 SqFt	Length:	5,000 Ft	Width:	100 Ft	Rank:	P
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft
Shoulder:		Street Type:		Grade:	0	Lanes:	0
Section Comments:							
Work Date:	6/1/1945	Work Type:	Surface Course - AC (Layer Construct)	Code:	SU-AC	Is Major M&R:	False
Work Date:	6/1/1945	Work Type:	Base Course - Aggregate	Code:	BA-AG	Is Major M&R:	False
Work Date:	6/1/1945	Work Type:	New Construction - AC	Code:	NC-AC	Is Major M&R:	True
Work Date:	8/1/1983	Work Type:	Complete Reconstruction - AC	Code:	CR-AC	Is Major M&R:	True
Work Date:	8/1/1983	Work Type:	Surface Course - AC (Layer Construct)	Code:	SU-AC	Is Major M&R:	False
Work Date:	8/1/1983	Work Type:	Base Course - Bituminous	Code:	BA-BI	Is Major M&R:	False
Work Date:	1/1/1999	Work Type:	Crack Sealing - AC	Code:	CS-AC	Is Major M&R:	False
Work Date:	6/1/2005	Work Type:	Overlay - AC Structural	Code:	OL-AS	Is Major M&R:	True
Work Date:	1/1/2019	Work Type:	Crack Sealing - AC	Code:	CS-AC	Is Major M&R:	False
Work Date:	1/1/2019	Work Type:	Surface Seal - Rejuvenating	Code:	SS-RE	Is Major M&R:	False
Last Insp. Date:	1/9/2023	Total Samples:	100	Surveyed:	20		
Conditions:	PCI: 63						
Inspection Comments:							
Sample Number:	05	Type:	R	Area:	5000.00 SqFt	PCI:	62
Sample Comments:							
48	L & T CR	L	414.00	Ft			
48	L & T CR	M	100.00	Ft			
56	SWELLING	L	73.00	SqFt			
57	WEATHERING	L	4750.00	SqFt			
57	WEATHERING	M	250.00	SqFt			
Sample Number:	10	Type:	R	Area:	5000.00 SqFt	PCI:	60
Sample Comments:							
48	L & T CR	L	453.00	Ft			
48	L & T CR	M	100.00	Ft			
56	SWELLING	L	92.00	SqFt			
57	WEATHERING	L	4750.00	SqFt			
57	WEATHERING	M	250.00	SqFt			
Sample Number:	100	Type:	R	Area:	5000.00 SqFt	PCI:	58
Sample Comments:							
48	L & T CR	L	199.00	Ft			
48	L & T CR	M	275.00	Ft			
56	SWELLING	L	11.00	SqFt			
57	WEATHERING	L	4750.00	SqFt			
57	WEATHERING	M	250.00	SqFt			
Sample Number:	15	Type:	R	Area:	5000.00 SqFt	PCI:	58
Sample Comments:							
48	L & T CR	L	497.00	Ft			
48	L & T CR	M	108.00	Ft			
56	SWELLING	L	164.00	SqFt			
57	WEATHERING	L	4750.00	SqFt			
57	WEATHERING	M	250.00	SqFt			

Sample Number: 20 Type: R Area: 5000.00 SqFt PCI: 57

Sample Comments:

48 L & T CR L 540.00 Ft
48 L & T CR M 56.00 Ft
56 SWELLING L 107.00 SqFt
57 WEATHERING L 4750.00 SqFt
57 WEATHERING M 250.00 SqFt

Sample Number: 25 Type: R Area: 5000.00 SqFt PCI: 67

Sample Comments:

48 L & T CR L 318.00 Ft
48 L & T CR M 105.00 Ft
56 SWELLING L 24.00 SqFt
57 WEATHERING L 4750.00 SqFt
57 WEATHERING M 250.00 SqFt

Sample Number: 30 Type: R Area: 5000.00 SqFt PCI: 67

Sample Comments:

48 L & T CR L 243.00 Ft
48 L & T CR M 150.00 Ft
57 WEATHERING L 4750.00 SqFt
57 WEATHERING M 250.00 SqFt

Sample Number: 35 Type: R Area: 5000.00 SqFt PCI: 64

Sample Comments:

48 L & T CR L 423.00 Ft
48 L & T CR M 50.00 Ft
56 SWELLING L 3.00 SqFt
57 WEATHERING L 4750.00 SqFt
57 WEATHERING M 250.00 SqFt

Sample Number: 40 Type: R Area: 5000.00 SqFt PCI: 67

Sample Comments:

48 L & T CR L 467.00 Ft
56 SWELLING L 29.00 SqFt
57 WEATHERING L 4750.00 SqFt
57 WEATHERING M 250.00 SqFt

Sample Number: 45 Type: R Area: 5000.00 SqFt PCI: 69

Sample Comments:

48 L & T CR L 429.00 Ft
56 SWELLING L 4.00 SqFt
57 WEATHERING L 4750.00 SqFt
57 WEATHERING M 250.00 SqFt

Sample Number: 50 Type: R Area: 5000.00 SqFt PCI: 65

Sample Comments:

48 L & T CR L 383.00 Ft
48 L & T CR M 50.00 Ft
56 SWELLING L 9.00 SqFt
57 WEATHERING L 4750.00 SqFt
57 WEATHERING M 250.00 SqFt

Sample Number: 55 Type: R Area: 5000.00 SqFt PCI: 66

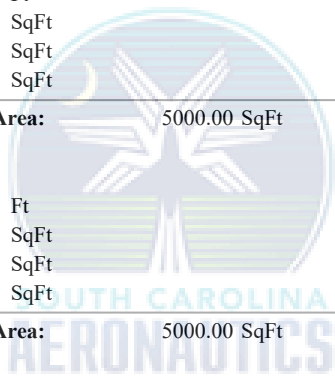
Sample Comments:

48 L & T CR L 357.00 Ft
48 L & T CR M 100.00 Ft
56 SWELLING L 23.00 SqFt
57 WEATHERING L 4750.00 SqFt
57 WEATHERING M 250.00 SqFt

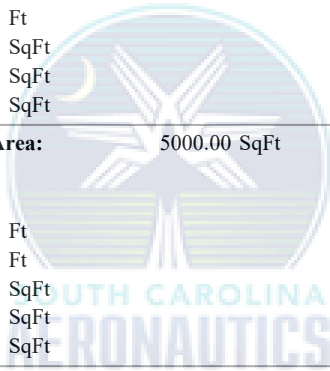
Sample Number: 60 Type: R Area: 5000.00 SqFt PCI: 65

Sample Comments:

48 L & T CR L 428.00 Ft
48 L & T CR M 103.00 Ft
57 WEATHERING L 4750.00 SqFt



57	WEATHERING	M	250.00	SqFt		
Sample Number: 65						
	Type:	R	Area:	5000.00	SqFt	PCI: 65
Sample Comments:						
48	L & T CR	L	396.00	Ft		
48	L & T CR	M	100.00	Ft		
56	SWELLING	L	6.00	SqFt		
57	WEATHERING	L	4750.00	SqFt		
57	WEATHERING	M	250.00	SqFt		
Sample Number: 70						
	Type:	R	Area:	5000.00	SqFt	PCI: 67
Sample Comments:						
48	L & T CR	L	250.00	Ft		
48	L & T CR	M	150.00	Ft		
57	WEATHERING	L	4750.00	SqFt		
57	WEATHERING	M	250.00	SqFt		
Sample Number: 75						
	Type:	R	Area:	5000.00	SqFt	PCI: 64
Sample Comments:						
48	L & T CR	L	309.00	Ft		
48	L & T CR	M	167.00	Ft		
56	SWELLING	L	13.00	SqFt		
57	WEATHERING	L	4750.00	SqFt		
57	WEATHERING	M	250.00	SqFt		
Sample Number: 80						
	Type:	R	Area:	5000.00	SqFt	PCI: 62
Sample Comments:						
48	L & T CR	L	242.00	Ft		
48	L & T CR	M	155.00	Ft		
52	RAVELING	M	450.00	SqFt		
57	WEATHERING	L	4322.00	SqFt		
57	WEATHERING	M	228.00	SqFt		
Sample Number: 85						
	Type:	R	Area:	5000.00	SqFt	PCI: 60
Sample Comments:						
48	L & T CR	L	225.00	Ft		
48	L & T CR	M	218.00	Ft		
56	SWELLING	L	33.00	SqFt		
57	WEATHERING	L	4750.00	SqFt		
57	WEATHERING	M	250.00	SqFt		
Sample Number: 90						
	Type:	R	Area:	5000.00	SqFt	PCI: 61
Sample Comments:						
48	L & T CR	L	248.00	Ft		
48	L & T CR	M	244.00	Ft		
57	WEATHERING	L	4750.00	SqFt		
57	WEATHERING	M	250.00	SqFt		
Sample Number: 95						
	Type:	R	Area:	5000.00	SqFt	PCI: 51
Sample Comments:						
48	L & T CR	L	67.00	Ft		
48	L & T CR	M	488.00	Ft		
56	SWELLING	L	34.00	SqFt		
57	WEATHERING	L	4750.00	SqFt		
57	WEATHERING	M	250.00	SqFt		



Network: AIK **Name:** Aiken Regional Airport

Branch: RW 7 **Name:** RUNWAY 7-25 **Use:** RUNWAY **Area:** 549,800 SqFt

Section: 20 of 2 **From:** - **To:** - **Last Const.:** 6/1/2002

Surface: AC **Family:** SC2_RW_AC **Zone:** **Category:** **Rank:** P

Area: 49,800 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: 6/1/2002 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 1/1/2019 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Last Insp. Date: 1/9/2023 **TotalSamples:** 10 **Surveyed:** 2

Conditions: PCI: 70

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 5000.00 SqFt **PCI:** 68

Sample Comments:

48 L & T CR L 338.00 Ft
48 L & T CR M 12.00 Ft
57 WEATHERING L 4750.00 SqFt
57 WEATHERING M 250.00 SqFt

Sample Number: 08 **Type:** R **Area:** 5000.00 SqFt **PCI:** 72

Sample Comments:

48 L & T CR L 369.00 Ft
57 WEATHERING L 4750.00 SqFt
57 WEATHERING M 250.00 SqFt



Network: AIK **Name:** Aiken Regional Airport

Branch: TL 01 **Name:** TAXILANE 01 **Use:** TAXILANE **Area:** 97,802 SqFt

Section: 10 of 3 **From:** - **To:** - **Last Const.:** 6/1/1970

Surface: AC **Family:** SC2_TWTL_AC **Zone:** **Category:** G **Rank:** T

Area: 16,971 SqFt **Length:** 530 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: 6/1/1970 **Work Type:** Surface Course - AC (Layer Construct) **Code:** SU-AC **Is Major M&R:** False

Work Date: 6/1/1970 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 1/1/2019 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Last Insp. Date: 1/9/2023 **TotalSamples:** 4 **Surveyed:** 2

Conditions: PCI: 57

Inspection Comments:

Sample Number: 03 **Type:** R **Area:** 5678.00 SqFt **PCI:** 60

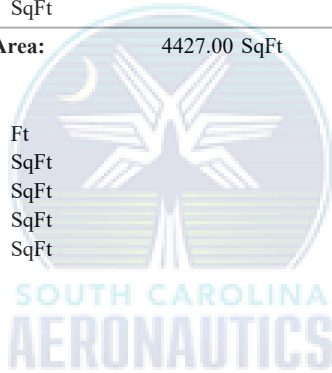
Sample Comments:

48 L & T CR L 13.00 Ft
57 WEATHERING M 4258.00 SqFt
57 WEATHERING H 1420.00 SqFt

Sample Number: 04 **Type:** R **Area:** 4427.00 SqFt **PCI:** 53

Sample Comments:

48 L & T CR L 50.00 Ft
49 OIL SPILLAGE N 24.00 SqFt
50 PATCHING L 924.00 SqFt
57 WEATHERING M 2627.00 SqFt
57 WEATHERING H 876.00 SqFt



Network: AIK **Name:** Aiken Regional Airport

Branch: TL 01 **Name:** TAXILANE 01 **Use:** TAXILANE **Area:** 97,802 SqFt

Section: 20 of 3 **From:** - **To:** - **Last Const.:** 6/1/2001

Surface: AC **Family:** SC2_TWTL_AC **Zone:** **Category:** G **Rank:** T

Area: 16,570 SqFt **Length:** 300 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: 6/1/2001 **Work Type:** Surface Course - AC (Layer Construct) **Code:** SU-AC **Is Major M&R:** False

Work Date: 6/1/2001 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 1/1/2019 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Work Date: 7/1/2020 **Work Type:** Patching - AC **Code:** PA-AC **Is Major M&R:** False

Last Insp. Date: 1/9/2023 **TotalSamples:** 4 **Surveyed:** 3

Conditions: PCI: 71

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3886.00 SqFt **PCI:** 71

Sample Comments:

48 L & T CR M 63.00 Ft
50 PATCHING L 60.00 SqFt
57 WEATHERING L 2869.00 SqFt
57 WEATHERING M 957.00 SqFt

Sample Number: 02 **Type:** A **Area:** 4736.00 SqFt **PCI:** 59

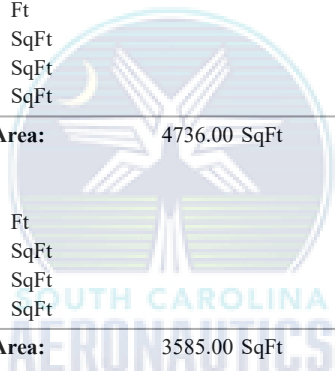
Sample Comments:

48 L & T CR L 50.00 Ft
50 PATCHING L 1680.00 SqFt
57 WEATHERING L 2292.00 SqFt
57 WEATHERING M 764.00 SqFt

Sample Number: 03 **Type:** R **Area:** 3585.00 SqFt **PCI:** 80

Sample Comments:

48 L & T CR L 76.00 Ft
57 WEATHERING L 2689.00 SqFt
57 WEATHERING M 896.00 SqFt



Network: AIK **Name:** Aiken Regional Airport

Branch: TL 01 **Name:** TAXILANE 01 **Use:** TAXILANE **Area:** 97,802 SqFt

Section: 30 of 3 **From:** - **To:** - **Last Const.:** 7/1/2020

Surface: AC **Family:** SC2_TWTL_AC **Zone:** **Category:** **Rank:** T

Area: 64,261 SqFt **Length:** 795 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: 7/1/2020 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 7/1/2022 **Work Type:** Patching - AC **Code:** PA-AC **Is Major M&R:** False

Work Date: 7/2/2022 **Work Type:** Base Course - Aggregate **Code:** BA-AG **Is Major M&R:** False

Work Date: 7/3/2022 **Work Type:** Surface Course - AC (Layer Construct) **Code:** SU-AC **Is Major M&R:** False

Last Insp. Date: 1/9/2023 **TotalSamples:** 14 **Surveyed:** 3

Conditions: PCI: 85

Inspection Comments:

Sample Number: 04 **Type:** R **Area:** 5422.00 SqFt **PCI:** 81

Sample Comments:

48 L & T CR L 136.00 Ft
48 L & T CR M 25.00 Ft
57 WEATHERING L 5422.00 SqFt

Sample Number: 09 **Type:** R **Area:** 4426.00 SqFt **PCI:** 89

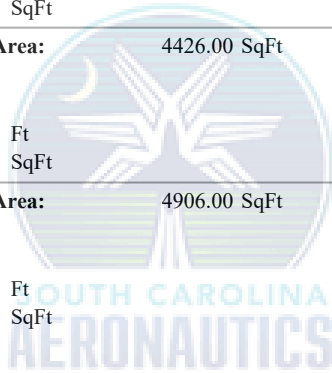
Sample Comments:

48 L & T CR L 52.00 Ft
57 WEATHERING L 4426.00 SqFt

Sample Number: 13 **Type:** R **Area:** 4906.00 SqFt **PCI:** 86

Sample Comments:

48 L & T CR L 120.00 Ft
57 WEATHERING L 4906.00 SqFt



Network: AIK **Name:** Aiken Regional Airport

Branch: TL 02 **Name:** TAXILANE 02 **Use:** TAXILANE **Area:** 49,636 SqFt

Section: 10 of 1 **From:** - **To:** - **Last Const.:** 6/1/1998

Surface: AC **Family:** SC2_TWTL_AC **Zone:** **Category:** G **Rank:** T

Area: 49,636 SqFt **Length:** 700 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: 6/1/1998 **Work Type:** Surface Course - AC (Layer Construct) **Code:** SU-AC **Is Major M&R:** False

Work Date: 6/1/1998 **Work Type:** Base Course - Aggregate **Code:** BA-AG **Is Major M&R:** False

Work Date: 6/1/1998 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 1/1/2019 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Last Insp. Date: 1/9/2023 **TotalSamples:** 10 **Surveyed:** 3

Conditions: PCI: 57

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 5250.00 SqFt **PCI:** 61

Sample Comments:

48 L & T CR L 544.00 Ft
48 L & T CR M 54.00 Ft
57 WEATHERING L 3937.00 SqFt
57 WEATHERING M 1313.00 SqFt

Sample Number: 04 **Type:** R **Area:** 6403.00 SqFt **PCI:** 56

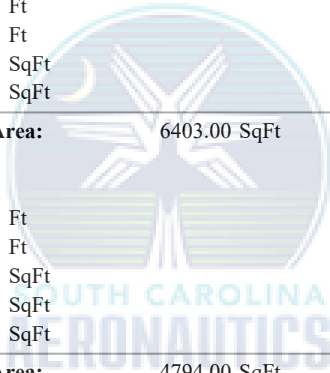
Sample Comments:

48 L & T CR L 30.00 Ft
48 L & T CR M 456.00 Ft
50 PATCHING L 2.00 SqFt
57 WEATHERING L 4801.00 SqFt
57 WEATHERING M 1600.00 SqFt

Sample Number: 08 **Type:** R **Area:** 4794.00 SqFt **PCI:** 54

Sample Comments:

48 L & T CR L 138.00 Ft
48 L & T CR M 340.00 Ft
57 WEATHERING L 3595.00 SqFt
57 WEATHERING M 1199.00 SqFt



Network: AIK **Name:** Aiken Regional Airport

Branch: TL 03 **Name:** TAXILANE 03 **Use:** TAXILANE **Area:** 20,664 SqFt

Section: 10 of 1 **From:** - **To:** - **Last Const.:** 6/1/1970

Surface: AAC **Family:** SC2_TWTL_AC **Zone:** **Category:** G **Rank:** S

Area: 20,664 SqFt **Length:** 400 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: 6/1/1945 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 6/1/1945 **Work Type:** Surface Course - AC (Layer Construct) **Code:** SU-AC **Is Major M&R:** False

Work Date: 6/1/1970 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

Work Date: 1/1/2019 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Work Date: 7/1/2022 **Work Type:** Patching - AC **Code:** PA-AC **Is Major M&R:** False

Last Insp. Date: 1/9/2023 **Total Samples:** 4 **Surveyed:** 1

Conditions: PCI: 25

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5000.00 SqFt **PCI:** 25

Sample Comments:

43 BLOCK CR M 5000.00 SqFt

57 WEATHERING H 5000.00 SqFt



Network: AIK **Name:** Aiken Regional Airport

Branch: TL D **Name:** TAXILANE D **Use:** TAXILANE **Area:** 29,491 SqFt

Section: 20 of 2 **From:** - **To:** - **Last Const.:** 6/1/2005

Surface: AAC **Family:** SC2_TWTL_AC **Zone:** **Category:** **Rank:** T

Area: 3,242 SqFt **Length:** 60 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: 6/1/1945 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 6/1/2005 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

Work Date: 1/1/2019 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Last Insp. Date: 1/9/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: PCI: 65

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3242.00 SqFt **PCI:** 65

Sample Comments:

48 L & T CR L 206.00 Ft
48 L & T CR M 28.00 Ft
56 SWELLING L 54.00 SqFt
57 WEATHERING L 3080.00 SqFt
57 WEATHERING M 162.00 SqFt



Network: AIK **Name:** Aiken Regional Airport

Branch: TL D **Name:** TAXILANE D **Use:** TAXILANE **Area:** 29,491 SqFt

Section: 30 of 2 **From:** - **To:** - **Last Const.:** 6/1/1994

Surface: AAC **Family:** SC2_TWTL_AC **Zone:** **Category:** **Rank:** T

Area: 26,249 SqFt **Length:** 1,050 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: 6/1/1945 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 6/1/1994 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

Work Date: 1/1/2019 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Last Insp. Date: 1/9/2023 **TotalSamples:** 7 **Surveyed:** 2

Conditions: PCI: 37

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 3750.00 SqFt **PCI:** 37

Sample Comments:

43 BLOCK CR M 3750.00 SqFt

57 WEATHERING M 3562.00 SqFt

57 WEATHERING H 188.00 SqFt

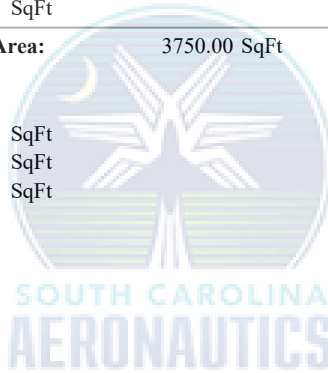
Sample Number: 06 **Type:** R **Area:** 3750.00 SqFt **PCI:** 37

Sample Comments:

43 BLOCK CR M 3750.00 SqFt

57 WEATHERING M 3562.00 SqFt

57 WEATHERING H 188.00 SqFt



Network: AIK **Name:** Aiken Regional Airport

Branch: TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 201,468 SqFt

Section: 10 of 4 **From:** - **To:** - **Last Const.:** 6/1/2005

Surface: AAC **Family:** SC2_TWTL_AC **Zone:** **Category:** G **Rank:** P

Area: 149,234 SqFt **Length:** 4,225 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: 6/1/1986 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 6/1/1986 **Work Type:** Base Course - Aggregate **Code:** BA-AG **Is Major M&R:** False

Work Date: 6/1/1986 **Work Type:** Surface Course - AC (Layer Construct) **Code:** SU-AC **Is Major M&R:** False

Work Date: 1/1/1999 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Work Date: 6/1/2005 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

Work Date: 1/1/2019 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Last Insp. Date: 1/9/2023 **TotalSamples:** 29 **Surveyed:** 6

Conditions: PCI: 69

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3038.00 SqFt **PCI:** 71

Sample Comments:

48 L & T CR L 256.00 Ft

57 WEATHERING L 2886.00 SqFt

57 WEATHERING M 152.00 SqFt

Sample Number: 07 **Type:** R **Area:** 5250.00 SqFt **PCI:** 69

Sample Comments:

48 L & T CR L 512.00 Ft

57 WEATHERING L 4987.00 SqFt

57 WEATHERING M 263.00 SqFt

Sample Number: 13 **Type:** R **Area:** 5256.00 SqFt **PCI:** 70

Sample Comments:

48 L & T CR L 450.00 Ft

57 WEATHERING L 4993.00 SqFt

57 WEATHERING M 263.00 SqFt

Sample Number: 19 **Type:** R **Area:** 5868.00 SqFt **PCI:** 69

Sample Comments:

48 L & T CR L 554.00 Ft

57 WEATHERING L 5575.00 SqFt

57 WEATHERING M 293.00 SqFt

Sample Number: 25 **Type:** R **Area:** 5190.00 SqFt **PCI:** 68

Sample Comments:

48 L & T CR L 537.00 Ft

57 WEATHERING L 4930.00 SqFt

57 WEATHERING M 260.00 SqFt

Sample Number: 28 **Type:** R **Area:** 5240.00 SqFt **PCI:** 70

Sample Comments:

48 L & T CR L 450.00 Ft

57 WEATHERING L 4978.00 SqFt

57 WEATHERING M 262.00 SqFt

Network: AIK **Name:** Aiken Regional Airport

Branch: TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 201,468 SqFt

Section: 15 of 4 **From:** - **To:** - **Last Const.:** 1/1/2002

Surface: AAC **Family:** SC2_TWTL_AC **Zone:** **Category:** G **Rank:** P

Area: 7,429 SqFt **Length:** 170 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: 3/1/1989 **Work Type:** Surface Course - AC (Layer Construct) **Code:** SU-AC **Is Major M&R:** False

Work Date: 3/1/1989 **Work Type:** Base Course - Aggregate **Code:** BA-AG **Is Major M&R:** False

Work Date: 3/1/1989 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 1/1/2002 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Work Date: 1/1/2002 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

Work Date: 6/1/2016 **Work Type:** Patching - AC **Code:** PA-AC **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Last Insp. Date: 1/9/2023 **TotalSamples:** 2 **Surveyed:** 2

Conditions: PCI: 62

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4279.00 SqFt **PCI:** 59

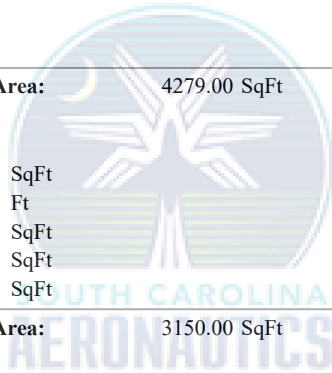
Sample Comments:

41	ALLIGATOR CR	L	13.00	SqFt
48	L & T CR	L	412.00	Ft
53	RUTTING	L	39.00	SqFt
57	WEATHERING	L	4065.00	SqFt
57	WEATHERING	M	214.00	SqFt

Sample Number: 02 **Type:** R **Area:** 3150.00 SqFt **PCI:** 67

Sample Comments:

48	L & T CR	L	228.00	Ft
48	L & T CR	M	12.00	Ft
57	WEATHERING	L	2992.00	SqFt
57	WEATHERING	M	158.00	SqFt



Network: AIK **Name:** Aiken Regional Airport

Branch: TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 201,468 SqFt

Section: 20 of 4 **From:** - **To:** - **Last Const.:** 6/1/2005

Surface: AAC **Family:** SC2_TWTL_AC **Zone:** **Category:** G **Rank:** P

Area: 9,391 SqFt **Length:** 250 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: 3/1/1989 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 3/1/1989 **Work Type:** Surface Course - AC (Layer Construct) **Code:** SU-AC **Is Major M&R:** False

Work Date: 3/1/1989 **Work Type:** Base Course - Aggregate **Code:** BA-AG **Is Major M&R:** False

Work Date: 6/1/2005 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

Work Date: 1/1/2019 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Last Insp. Date: 1/9/2023 **TotalSamples:** 2 **Surveyed:** 1

Conditions: PCI: 75

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4760.00 SqFt **PCI:** 75

Sample Comments:

48 L & T CR L 377.00 Ft
57 WEATHERING L 4760.00 SqFt



Network: AIK **Name:** Aiken Regional Airport

Branch: TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 201,468 SqFt

Section: 30 of 4 **From:** - **To:** - **Last Const.:** 6/1/2002

Surface: AC **Family:** SC2_TWTL_AC **Zone:** **Category:** **Rank:** P

Area: 35,414 SqFt **Length:** 825 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: 6/1/2002 **Work Type:** Base Course - Aggregate **Code:** BA-AG **Is Major M&R:** False

Work Date: 6/1/2002 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 6/1/2002 **Work Type:** Surface Course - AC (Layer Construct) **Code:** LC-AC **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Last Insp. Date: 1/9/2023 **TotalSamples:** 6 **Surveyed:** 2

Conditions: PCI: 74

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 6748.00 SqFt **PCI:** 75

Sample Comments:

48 L & T CR L 408.00 Ft
57 WEATHERING L 6411.00 SqFt
57 WEATHERING M 337.00 SqFt

Sample Number: 05 **Type:** R **Area:** 5369.00 SqFt **PCI:** 74

Sample Comments:

48 L & T CR L 336.00 Ft
57 WEATHERING L 5101.00 SqFt
57 WEATHERING M 268.00 SqFt



Network: AIK **Name:** Aiken Regional Airport

Branch: TW B **Name:** TAXIWAY B **Use:** TAXIWAY **Area:** 113,889 SqFt

Section: 10 of 3 **From:** - **To:** - **Last Const.:** 6/1/2005

Surface: AAC **Family:** SC2_TWTL_AC **Zone:** **Category:** G **Rank:** P

Area: 44,077 SqFt **Length:** 1,150 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: 3/1/1989 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 3/1/1989 **Work Type:** Base Course - Aggregate **Code:** BA-AG **Is Major M&R:** False

Work Date: 3/1/1989 **Work Type:** Surface Course - AC (Layer Construct) **Code:** SU-AC **Is Major M&R:** False

Work Date: 6/1/2005 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

Work Date: 1/1/2019 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Last Insp. Date: 1/9/2023 **Total Samples:** 9 **Surveyed:** 3

Conditions: PCI: 70

Inspection Comments:

Sample Number: 03 **Type:** R **Area:** 5251.00 SqFt **PCI:** 68

Sample Comments:

48 L & T CR L 388.00 Ft

48 L & T CR M 5.00 Ft

57 WEATHERING L 4988.00 SqFt

57 WEATHERING M 263.00 SqFt

Sample Number: 05 **Type:** R **Area:** 5250.00 SqFt **PCI:** 71

Sample Comments:

48 L & T CR L 286.00 Ft

48 L & T CR M 23.00 Ft

57 WEATHERING L 4987.00 SqFt

57 WEATHERING M 263.00 SqFt

Sample Number: 08 **Type:** R **Area:** 5250.00 SqFt **PCI:** 70

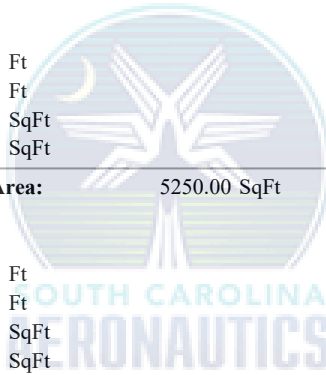
Sample Comments:

48 L & T CR L 317.00 Ft

48 L & T CR M 11.00 Ft

57 WEATHERING L 4987.00 SqFt

57 WEATHERING M 263.00 SqFt



Network: AIK **Name:** Aiken Regional Airport

Branch: TW B **Name:** TAXIWAY B **Use:** TAXIWAY **Area:** 113,889 SqFt

Section: 15 of 3 **From:** - **To:** - **Last Const.:** 1/1/2002

Surface: AAC **Family:** SC2_TWTL_AC **Zone:** **Category:** G **Rank:** P

Area: 11,697 SqFt **Length:** 293 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: 3/1/1989 **Work Type:** Base Course - Aggregate **Code:** BA-AG **Is Major M&R:** False

Work Date: 3/1/1989 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 3/1/1989 **Work Type:** Surface Course - AC (Layer Construct) **Code:** SU-AC **Is Major M&R:** False

Work Date: 1/1/2002 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

Work Date: 1/1/2002 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Last Insp. Date: 1/9/2023 **TotalSamples:** 2 **Surveyed:** 1

Conditions: PCI: 66

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 6650.00 SqFt **PCI:** 66

Sample Comments:

48 L & T CR L 734.00 Ft
48 L & T CR M 10.00 Ft
57 WEATHERING L 6650.00 SqFt



Network: AIK **Name:** Aiken Regional Airport

Branch: TW B **Name:** TAXIWAY B **Use:** TAXIWAY **Area:** 113,889 SqFt

Section: 20 of 3 **From:** - **To:** - **Last Const.:** 6/1/2005

Surface: AAC **Family:** SC2_TWTL_AC **Zone:** **Category:** G **Rank:** S

Area: 58,115 SqFt **Length:** 1,602 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: 6/1/1945 **Work Type:** Surface Course - AC (Layer Construct) **Code:** SU-AC **Is Major M&R:** False

Work Date: 6/1/1945 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 6/1/1970 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

Work Date: 6/1/2005 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

Work Date: 1/1/2019 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Last Insp. Date: 1/9/2023 **Total Samples:** 16 **Surveyed:** 4

Conditions: PCI: 65

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 3959.00 SqFt **PCI:** 64

Sample Comments:

48 L & T CR L 373.00 Ft
52 RAVELING H 11.00 SqFt
57 WEATHERING L 3751.00 SqFt
57 WEATHERING M 197.00 SqFt

Sample Number: 05 **Type:** R **Area:** 3994.00 SqFt **PCI:** 63

Sample Comments:

48 L & T CR L 393.00 Ft
48 L & T CR M 60.00 Ft
57 WEATHERING L 3794.00 SqFt
57 WEATHERING M 200.00 SqFt

Sample Number: 09 **Type:** R **Area:** 3358.00 SqFt **PCI:** 66

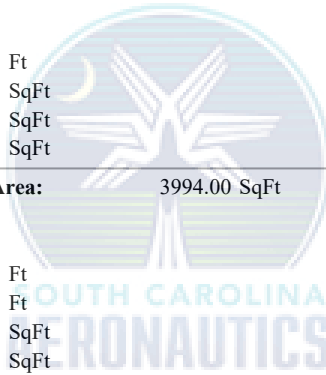
Sample Comments:

48 L & T CR L 283.00 Ft
48 L & T CR M 33.00 Ft
57 WEATHERING L 3190.00 SqFt
57 WEATHERING M 168.00 SqFt

Sample Number: 13 **Type:** R **Area:** 3500.00 SqFt **PCI:** 69

Sample Comments:

48 L & T CR L 192.00 Ft
48 L & T CR M 90.00 Ft
57 WEATHERING L 3325.00 SqFt
57 WEATHERING M 175.00 SqFt



Network: AIK **Name:** Aiken Regional Airport

Branch: TW C **Name:** TAXIWAY C **Use:** TAXIWAY **Area:** 22,625 SqFt

Section: 10 of 1 **From:** - **To:** - **Last Const.:** 6/1/2005

Surface: AAC **Family:** SC2_TWTL_AC **Zone:** **Category:** G **Rank:** S

Area: 22,625 SqFt **Length:** 342 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: 6/1/1986 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 6/1/1986 **Work Type:** Surface Course - AC (Layer Construct) **Code:** SU-AC **Is Major M&R:** False

Work Date: 6/1/1986 **Work Type:** Base Course - Aggregate **Code:** BA-AG **Is Major M&R:** False

Work Date: 1/1/1999 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Work Date: 6/1/2005 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

Work Date: 1/1/2019 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Last Insp. Date: 1/9/2023 **TotalSamples:** 5 **Surveyed:** 1

Conditions: PCI: 69

Inspection Comments:

Sample Number: 03 **Type:** R **Area:** 5775.00 SqFt **PCI:** 69

Sample Comments:

48 L & T CR L 291.00 Ft
48 L & T CR M 137.00 Ft
57 WEATHERING L 5486.00 SqFt
57 WEATHERING M 289.00 SqFt



Network: AIK **Name:** Aiken Regional Airport

Branch: TW D **Name:** TAXIWAY D **Use:** TAXIWAY **Area:** 22,431 SqFt

Section: 10 of 1 **From:** - **To:** - **Last Const.:** 6/1/2005

Surface: AAC **Family:** SC2_TWTL_AC **Zone:** **Category:** G **Rank:** S

Area: 22,431 SqFt **Length:** 380 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: 6/1/1945 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 6/1/1945 **Work Type:** Base Course - Aggregate **Code:** BA-AG **Is Major M&R:** False

Work Date: 6/1/1945 **Work Type:** Surface Course - AC (Layer Construct) **Code:** SU-AC **Is Major M&R:** False

Work Date: 8/1/1983 **Work Type:** Base Course - Aggregate **Code:** BA-AG **Is Major M&R:** False

Work Date: 8/1/1983 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

Work Date: 1/1/1999 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Work Date: 6/1/2005 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

Work Date: 1/1/2019 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Work Date: 1/1/2019 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Last Insp. Date: 1/9/2023 **TotalSamples:** 4 **Surveyed:** 1

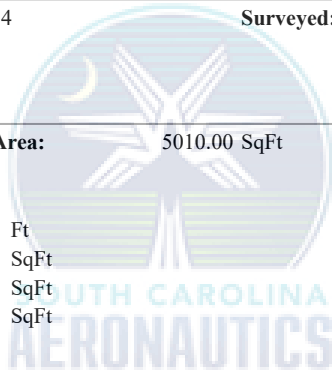
Conditions: PCI: 63

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 5010.00 SqFt **PCI:** 63

Sample Comments:

48 L & T CR L 502.00 Ft
56 SWELLING L 250.00 SqFt
57 WEATHERING L 4759.00 SqFt
57 WEATHERING M 251.00 SqFt





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REGIONAL AIRPORT

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