SOUTH CAROLINA AERONAUTICS COMMISSION

STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

SMS - Sumter Airport

2023

Kimley»Horn

Contents

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 preformed 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 Sumter Airport (SMS).

Figure 1 – Airport Layout

System Inventory

The pavements at Sumter Airport (SMS) include approximately 1.3 million square feet of airfield pavements consisting of runways, taxiways, taxilanes 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.

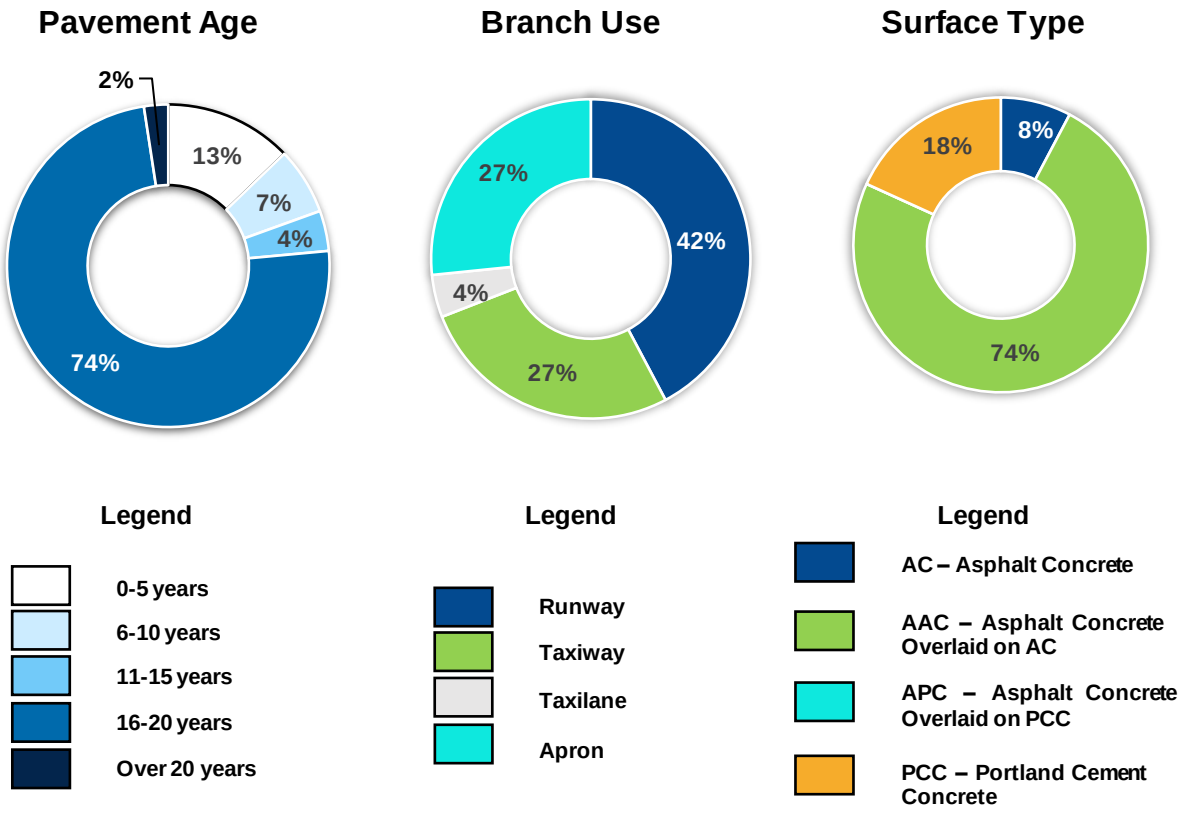
Each pavement update included a review of documentation of any maintenance and major rehabilitation related activities performed on the airfield pavements. The following table summarizes the projects that have occurred since the previous inspection.

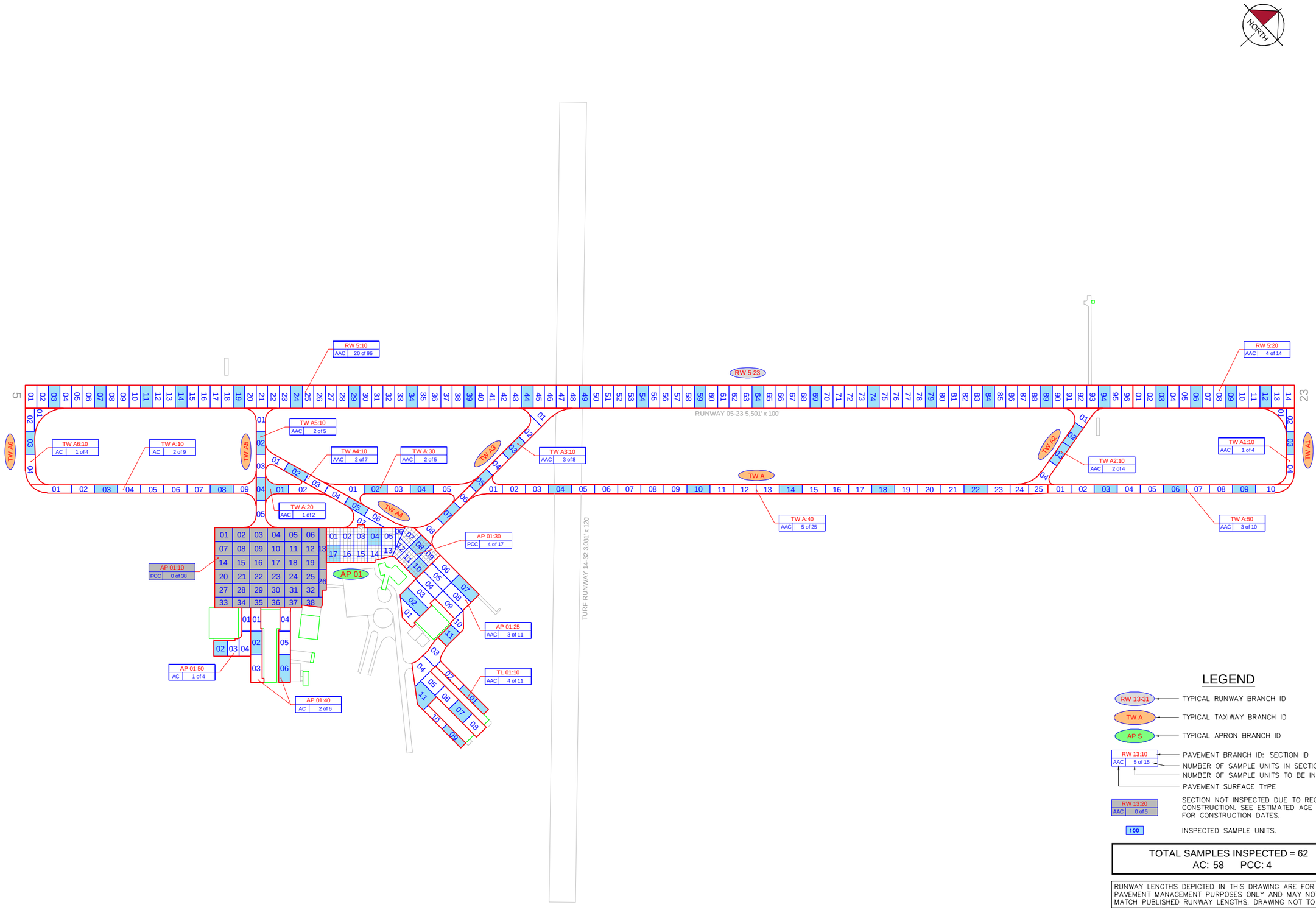
Table 1 - Recent Airfield Pavement Construction

Construction Year	Location	Work Type / Pavement Section
2018	AP 01, RW 5, TL 01, TW A, TW A1, TW A2, TW A4, TW A5, TW A6	Surface Seal - Rejuvenating
2023	AP 01	Reconstruction - PCC | 8" P-501, 6" P-209, P-152

The following figure summarizes the inventory items at Sumter Airport (SMS). 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

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

TOTAL SAMPLES INSPECTED = 62
AC: 58 PCC: 4

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

SUMTER AIRPORT (SMS)

AIRFIELD PAVEMENT NETWORK DEFINITION EXHIBIT

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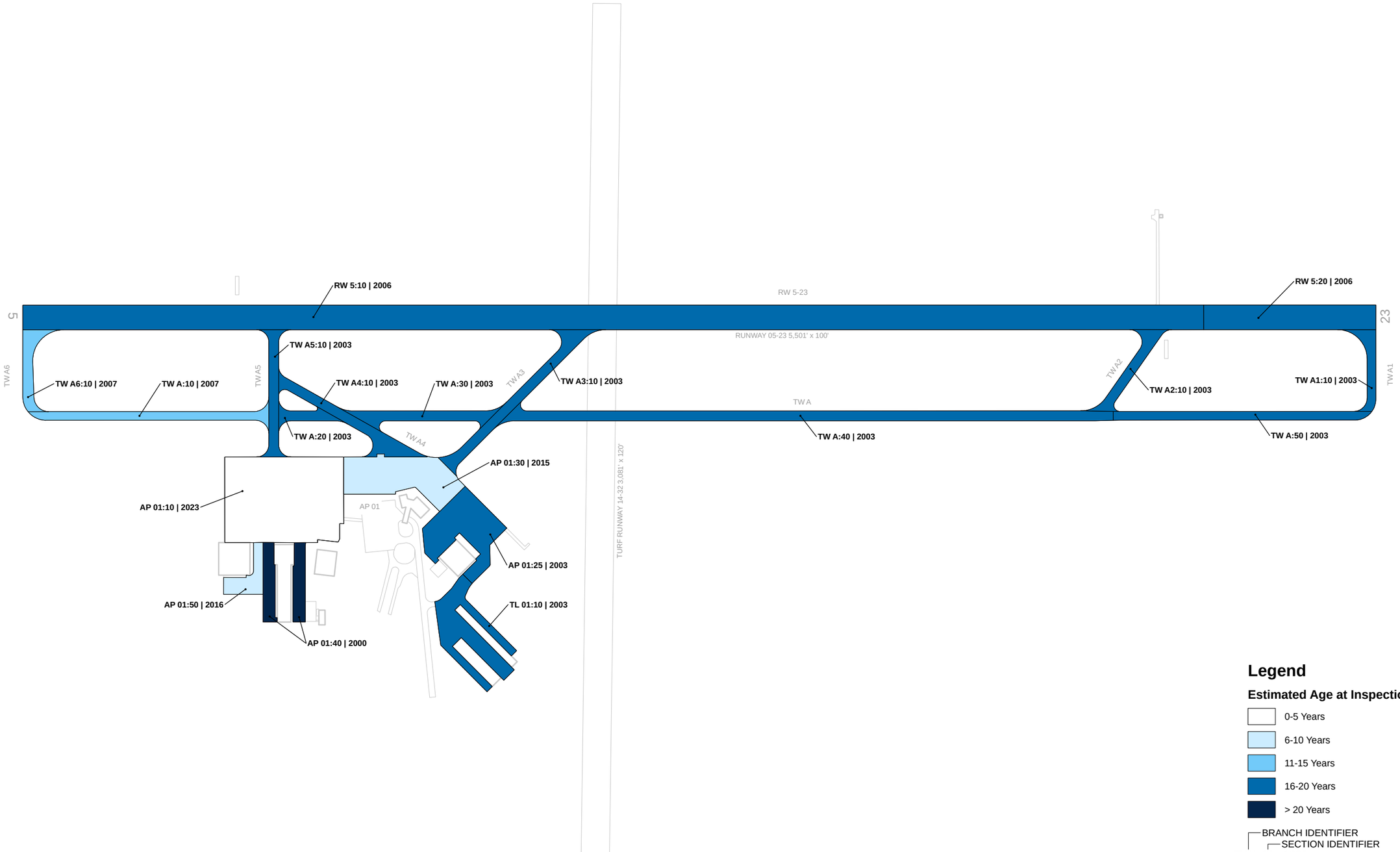

Legend

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

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AIRFIELD PAVEMENT ESTIMATED AGE EXHIBIT

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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

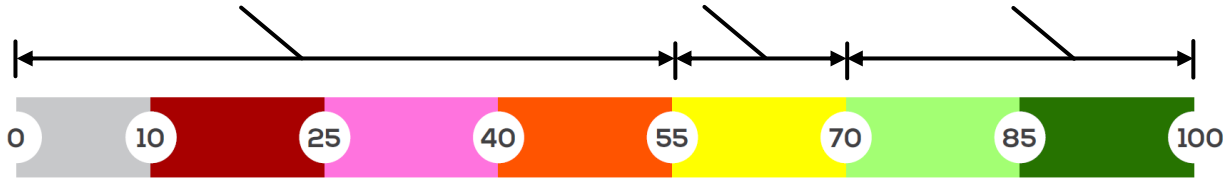
Pavements that are Poor to Failed require significant and costly interventions such as reconstruction to restore the pavement to operational service.

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. .



Pavement Condition Index (PCI)

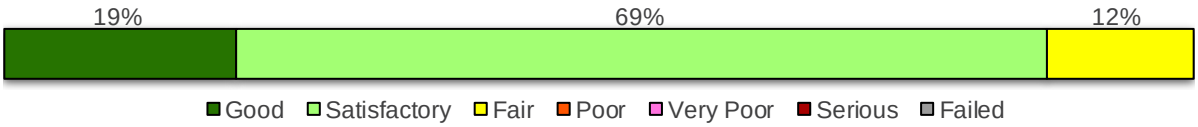
Critical PCI

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

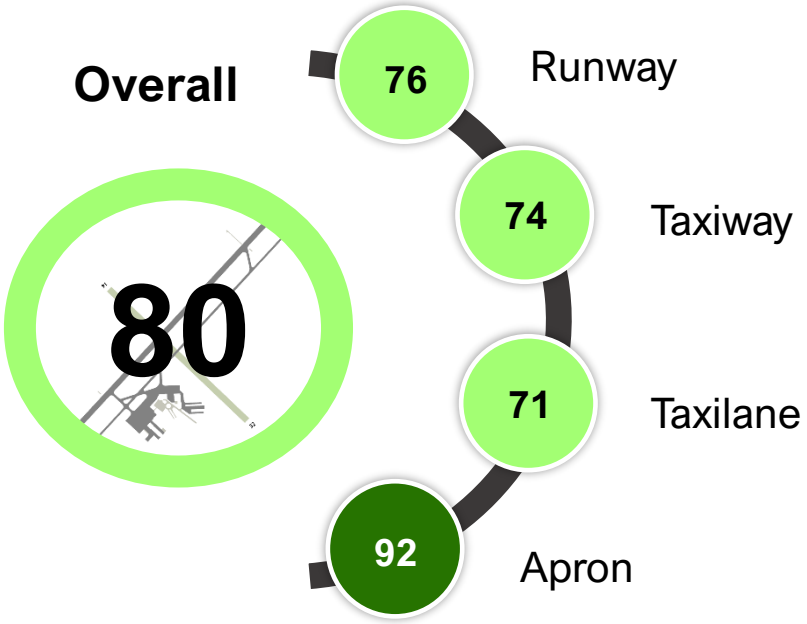
The PCI survey for Sumter Airport (SMS) was performed in January 2023. **The overall area-weighted average PCI value of the network was 80**, representing a condition rating of **Satisfactory**. Approximately 88% of inspected pavements are in Good or Satisfactory condition, 12% of inspected pavements are in Fair condition, and no pavements 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

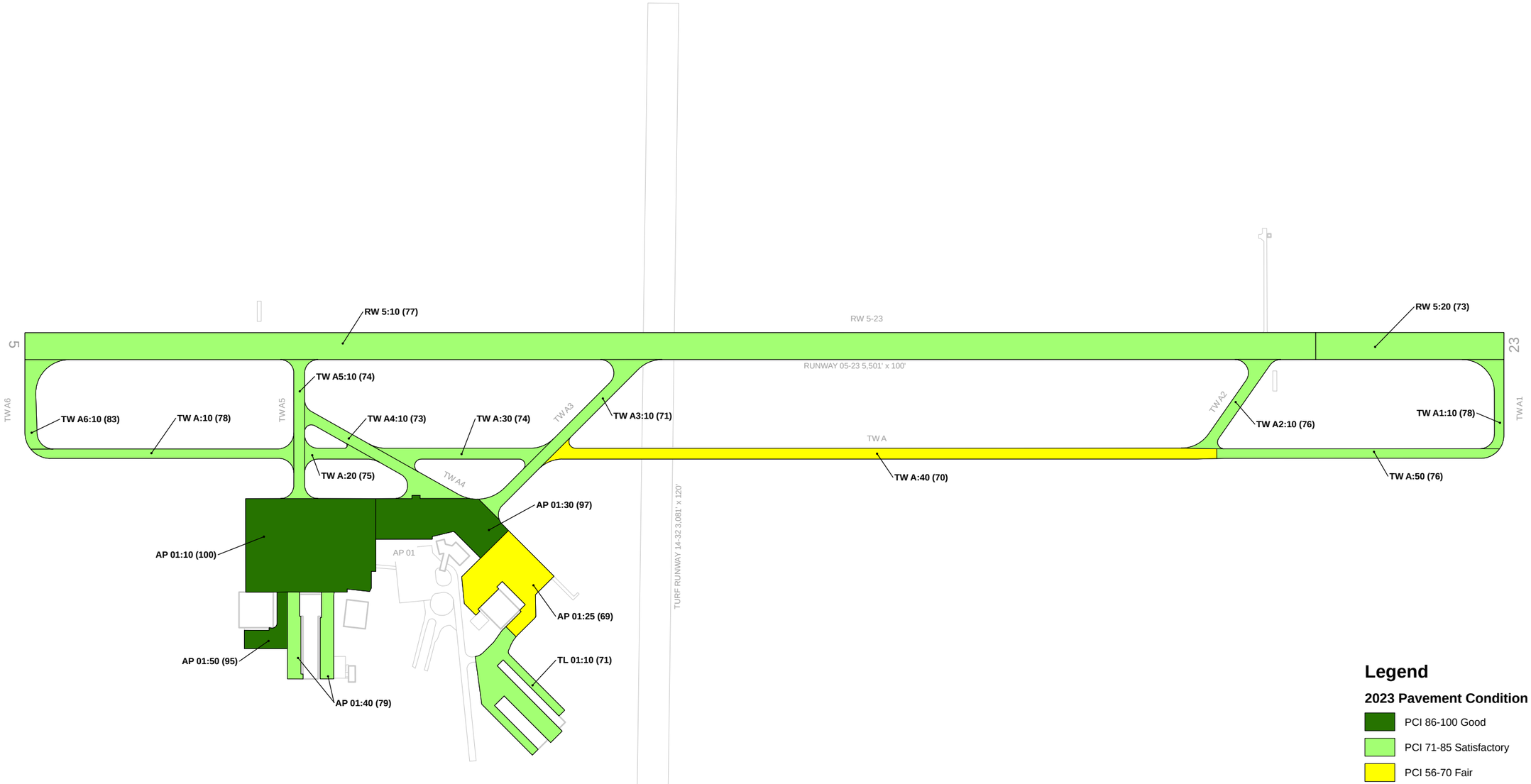


SMS - Sumter Airport

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
SMS	AP 01	Apron	10	166,385	PCC	100	Good	0	0	0
SMS	AP 01	Apron	25	61,104	AAC	69	Fair	96	0	4
SMS	AP 01	Apron	30	70,755	PCC	97	Good	0	48	52
SMS	AP 01	Apron	40	31,530	AC	79	Satisfactory	100	0	0
SMS	AP 01	Apron	50	16,612	AC	95	Good	100	0	0
SMS	RW 5	Runway	10	480,000	AAC	77	Satisfactory	100	0	0
SMS	RW 5	Runway	20	70,000	AAC	73	Satisfactory	100	0	0
SMS	TL 01	Taxilane	10	55,984	AAC	71	Satisfactory	81	14	5
SMS	TW A	Taxiway	10	34,889	AC	78	Satisfactory	100	0	0
SMS	TW A	Taxiway	20	10,259	AAC	75	Satisfactory	100	0	0
SMS	TW A	Taxiway	30	25,285	AAC	74	Satisfactory	96	0	4
SMS	TW A	Taxiway	40	99,506	AAC	70	Fair	100	0	0
SMS	TW A	Taxiway	50	36,093	AAC	76	Satisfactory	100	0	0
SMS	TW A1	Taxiway	10	15,117	AAC	78	Satisfactory	100	0	0
SMS	TW A2	Taxiway	10	19,527	AAC	76	Satisfactory	100	0	0
SMS	TW A3	Taxiway	10	36,699	AAC	71	Satisfactory	93	0	7
SMS	TW A4	Taxiway	10	31,651	AAC	73	Satisfactory	95	0	5
SMS	TW A5	Taxiway	10	22,826	AAC	74	Satisfactory	97	0	3
SMS	TW A6	Taxiway	10	17,699	AC	83	Satisfactory	100	0	0

**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

STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

SUMTER AIRPORT (SMS)

2023 PAVEMENT CONDITION INDEX (PCI) EXHIBIT

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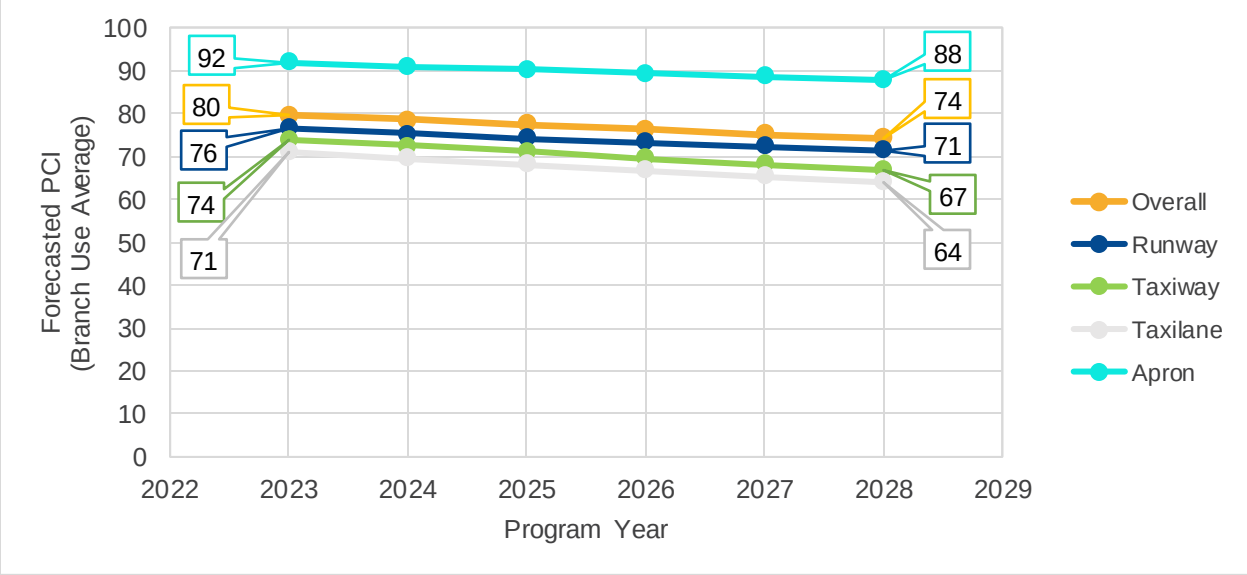
Pavement Condition Forecast

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 SMS.

Figure 6 – Forecasted 5-Year PCI by Branch Use

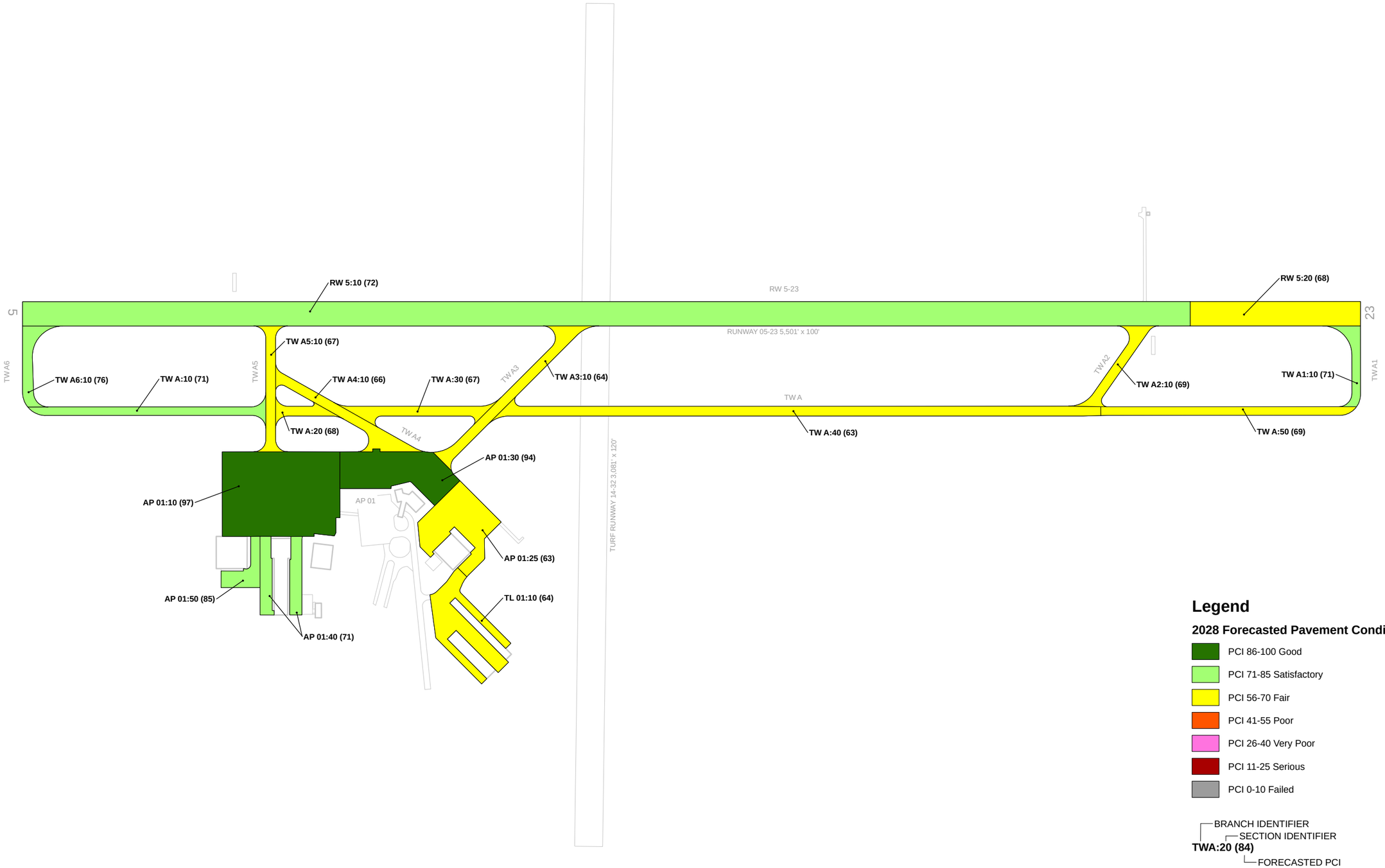


All condition forecasts are based on historical observations and analysis of South Carolina airfield pavements. The forecasts are not a guarantee of future PCI: - rather, they are a planning tool to aid in the timing of maintenance and rehabilitation activities.

SMS - Sumter 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
SMS	AP 01	10	100	100	99	99	98	97
SMS	AP 01	25	69	68	66	65	64	63
SMS	AP 01	30	97	96	96	95	95	94
SMS	AP 01	40	79	77	76	74	72	71
SMS	AP 01	50	95	93	91	89	87	85
SMS	RW 5	10	77	76	75	74	73	72
SMS	RW 5	20	73	72	71	70	69	68
SMS	TL 01	10	71	70	68	67	65	64
SMS	TW A	10	78	77	75	74	72	71
SMS	TW A	20	75	74	72	71	69	68
SMS	TW A	30	74	73	71	70	68	67
SMS	TW A	40	70	69	67	66	64	63
SMS	TW A	50	76	75	73	72	70	69
SMS	TW A1	10	78	77	75	74	72	71
SMS	TW A2	10	76	75	73	72	70	69
SMS	TW A3	10	71	70	68	67	65	64
SMS	TW A4	10	73	72	70	69	67	66
SMS	TW A5	10	74	73	71	70	68	67
SMS	TW A6	10	83	82	80	79	77	76



Legend

2028 Forecasted Pavement Condition Index

- PCI 86-100 Good
- PCI 71-85 Satisfactory
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- PCI 26-40 Very Poor
- PCI 11-25 Serious
- PCI 0-10 Failed

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

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2028 FORECASTED PAVEMENT CONDITION INDEX (PCI) EXHIBIT

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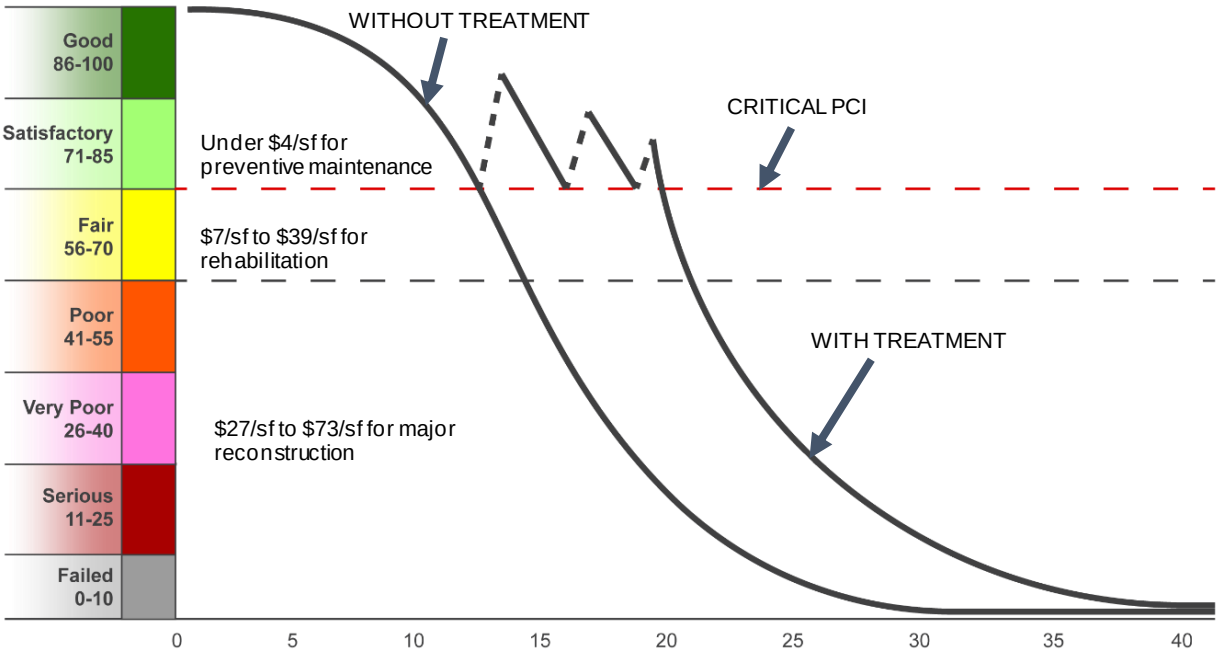
M&R Overview

An analysis was performed to assess the pavement maintenance and rehabilitation (M&R) needs at SMS 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	40,061	LF	$ 140,310
	Surface Seal	241,440	SF	$ 398,450
	AC Full-Depth Patching	728	SF	$ 20,900
	PCC Crack Sealing	59	LF	$ 420
	PCC Partial-Depth Patching	11	SF	$ 960
			Localized Preventive Maintenance Total =	$ 561,040
Localized Stopgap Maintenance	Surface Seal	29,965	SF	$ 49,450
			Localized Stopgap Maintenance Total =	$ 49,450
			Planning-Level Localized M&R Needs =	**$ 610,490**

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:

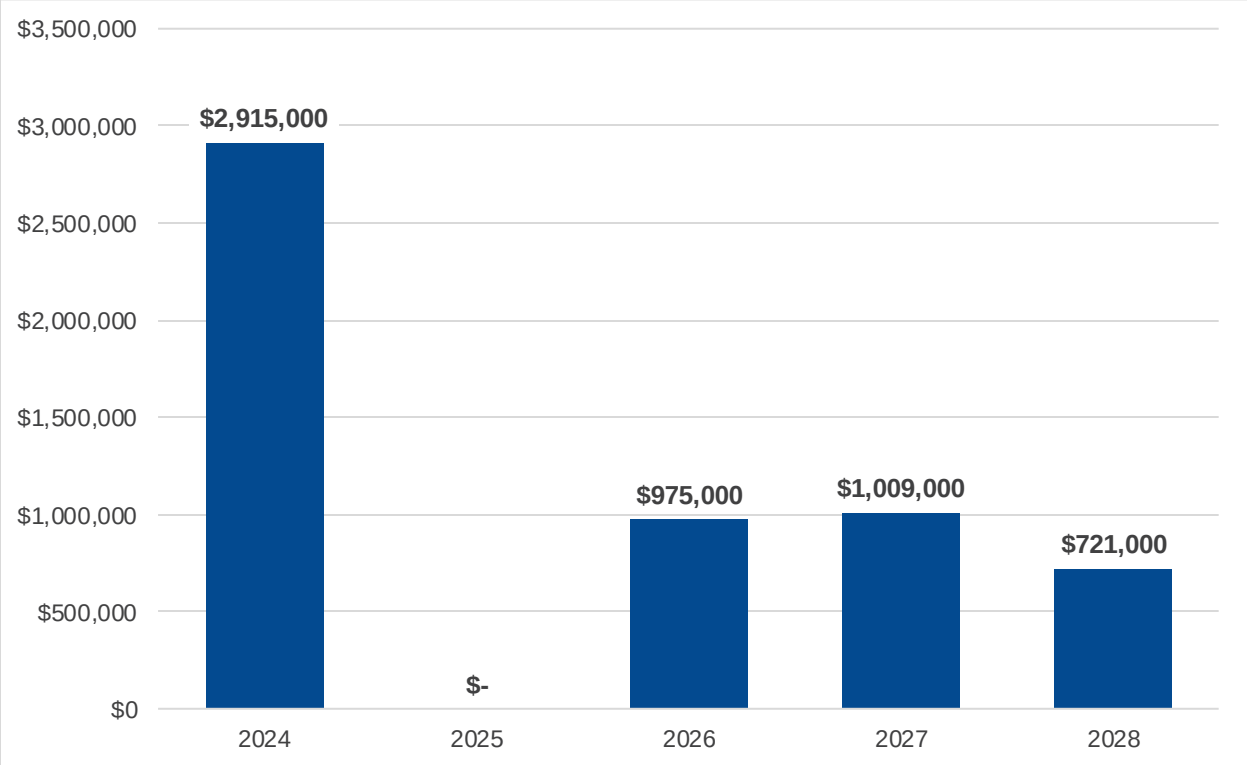
- ***Intermediate Major Rehabilitation (PCI 56 to 70)*** –
  - **AC:** Milling of the upper surface course and replacing with new AC with isolated areas of full-depth reconstruction
  - **PCC:** Combination of crack sealing, joint seal replacement, limited patching, and slab replacement
- ***Full-Depth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

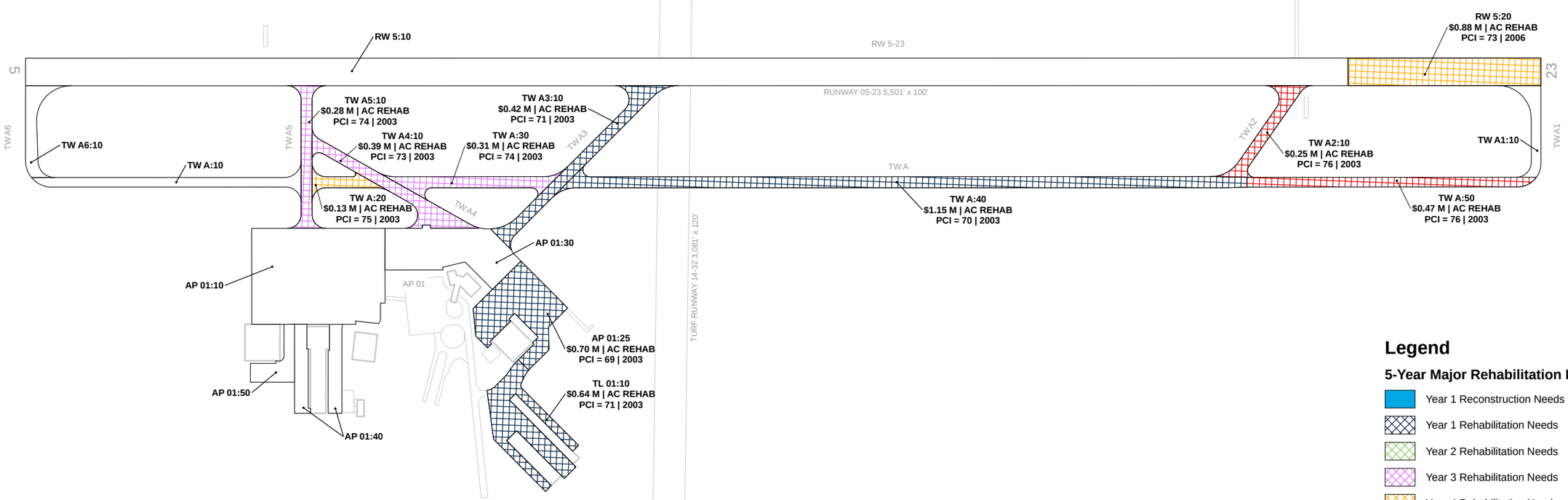
The 5-year major rehabilitation needs analysis at SMS results in a total 5-year cost of $5.62M. The **5-Year Major Rehabilitation Needs Exhibit** graphically depicts the major rehabilitation needs at a section-level which are also summarized in **Table 5** with rounded costs. Annual needs are displayed graphically in **Figure 8**.

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	**SMS**	AP 01	25	AAC	61,104	68	AC Rehabilitation	$ 703,000
2024	**SMS**	TL 01	10	AAC	55,984	70	AC Rehabilitation	$ 644,000
2024	**SMS**	TW A	40	AAC	99,506	69	AC Rehabilitation	$ 1,145,000
2024	**SMS**	TW A3	10	AAC	36,699	70	AC Rehabilitation	$ 423,000
2026	**SMS**	TW A	30	AAC	25,285	70	AC Rehabilitation	$ 309,000
2026	**SMS**	TW A4	10	AAC	31,651	69	AC Rehabilitation	$ 387,000
2026	**SMS**	TW A5	10	AAC	22,826	70	AC Rehabilitation	$ 279,000
2027	**SMS**	RW 5	20	AAC	70,000	69	AC Rehabilitation	$ 880,000
2027	**SMS**	TW A	20	AAC	10,259	69	AC Rehabilitation	$ 129,000
2028	**SMS**	TW A	50	AAC	36,093	69	AC Rehabilitation	$ 468,000
2028	**SMS**	TW A2	10	AAC	19,527	69	AC Rehabilitation	$ 253,000
							Total 5-Year Major Rehabilitation Needs =	**$ 5,620,000**

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
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.

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SUMTER AIRPORT (SMS)

5-YEAR MAJOR REHABILITATION EXHIBIT

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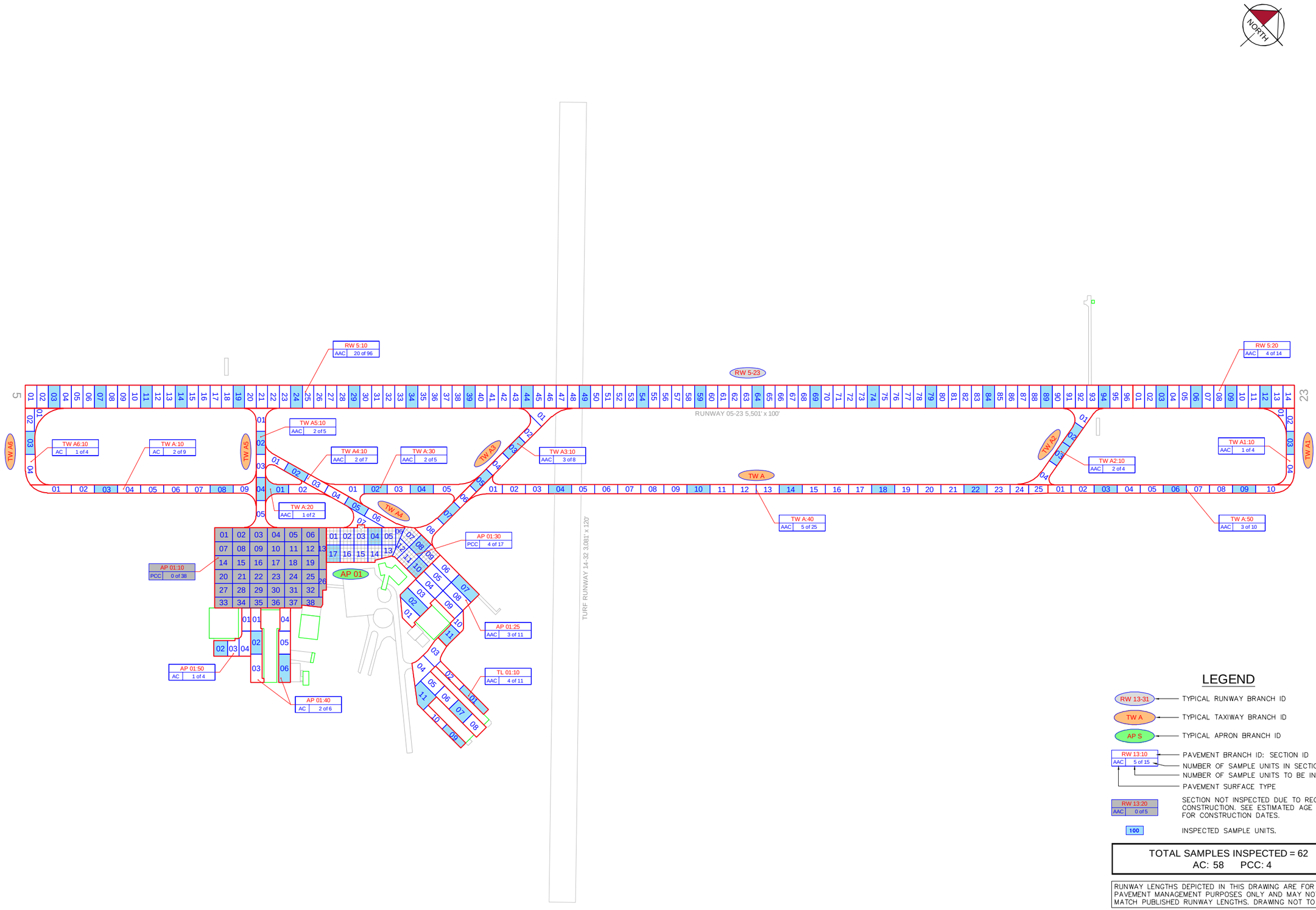
SECTION I

Appendices

Appendix A – Exhibits



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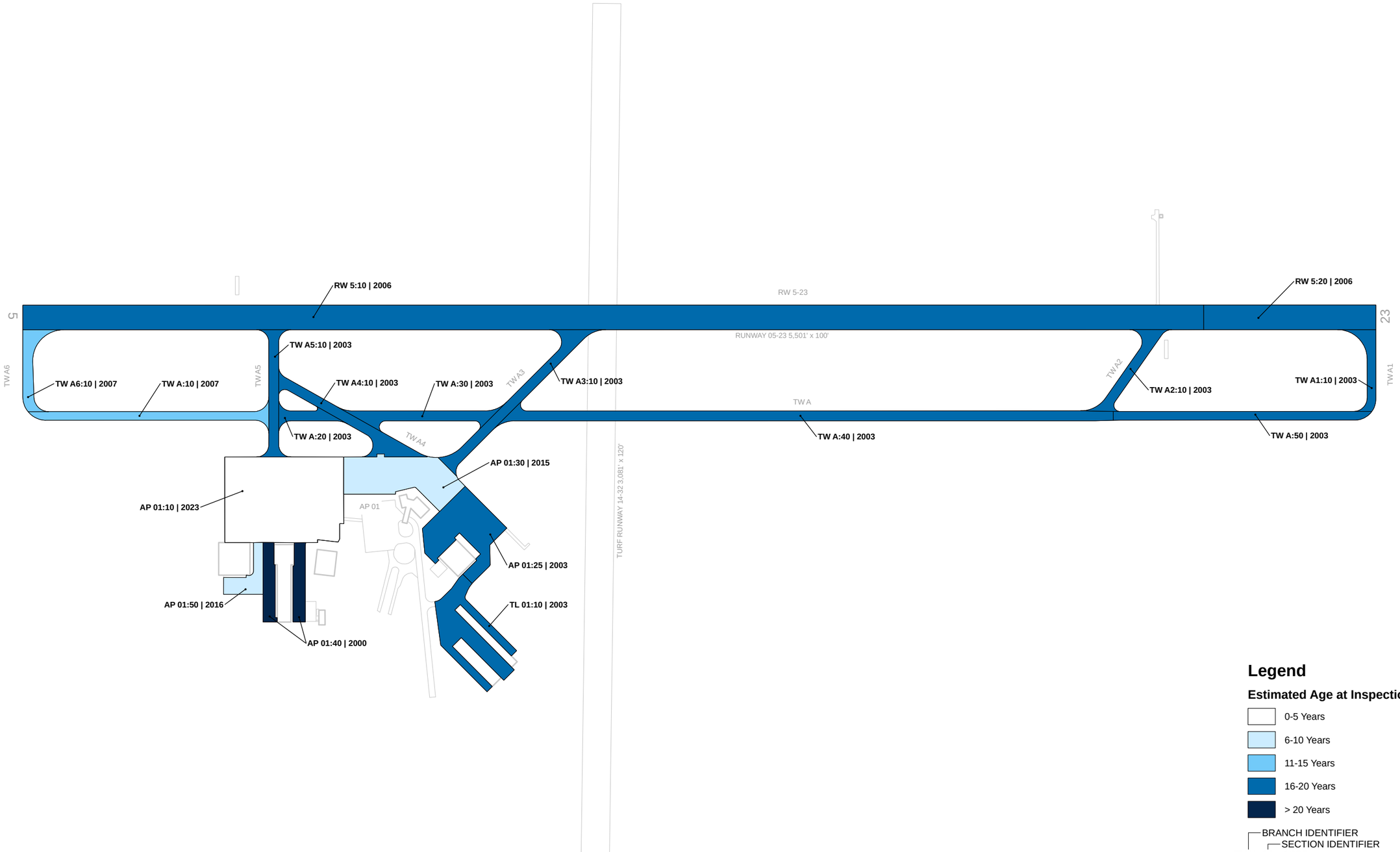

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SECTION IDENTIFIER
TWA:20 | 1985
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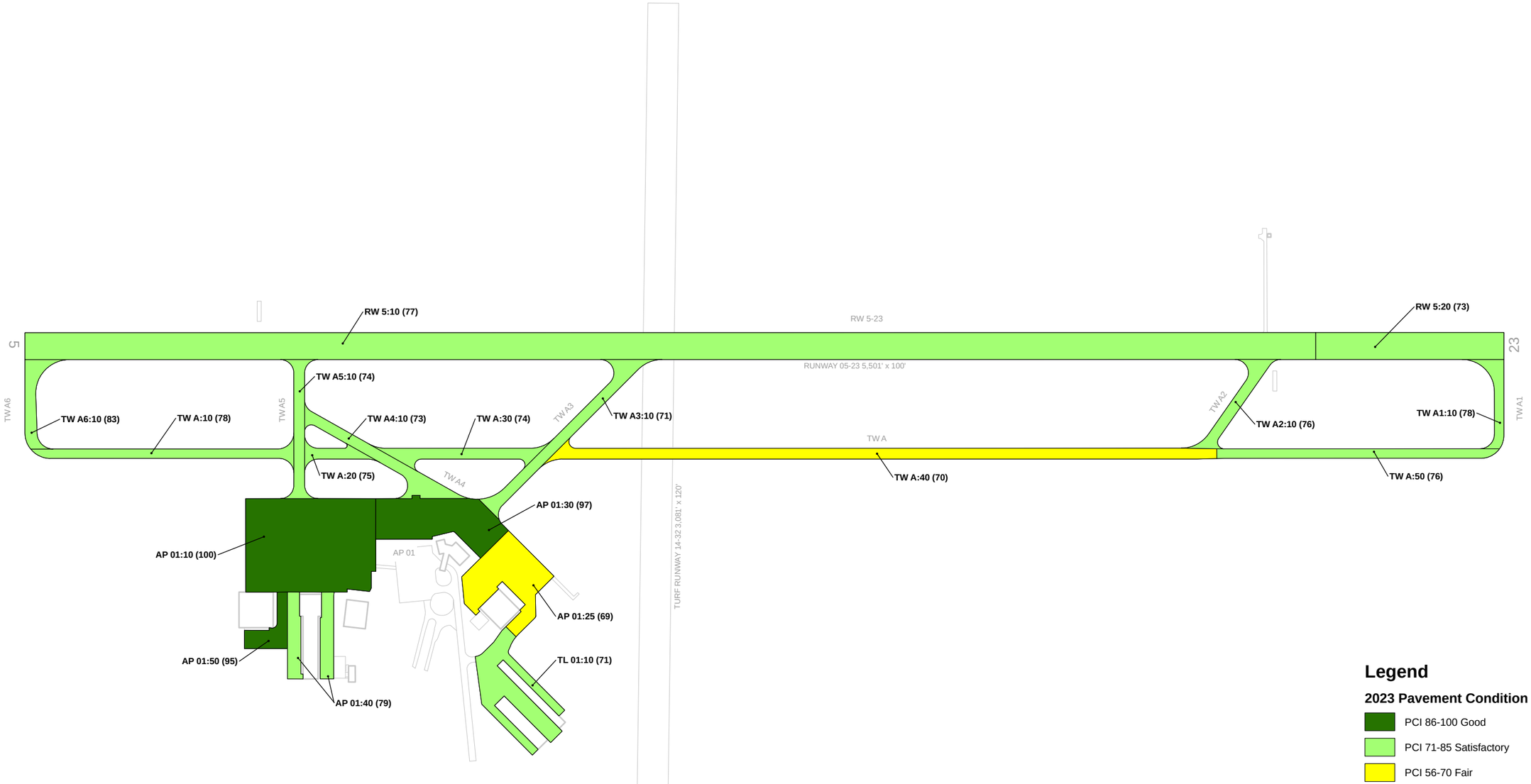

Legend

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BRANCH IDENTIFIER
SECTION IDENTIFIER
TWA:20 (84)
PCI

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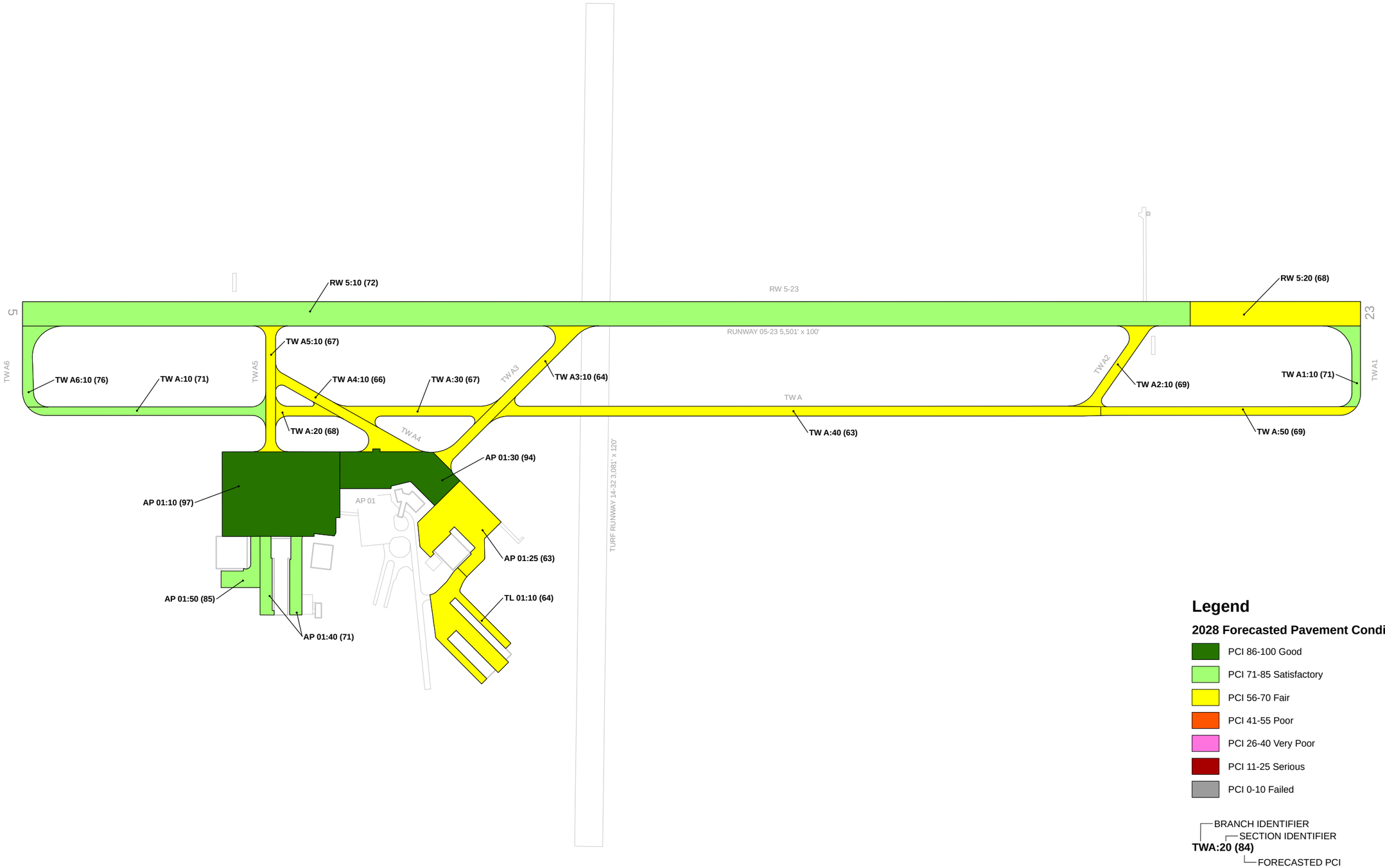

Legend

2028 Forecasted Pavement Condition Index

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SECTION IDENTIFIER
TWA:20 (84)
FORECASTED PCI

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2028 FORECASTED PAVEMENT CONDITION INDEX (PCI) EXHIBIT

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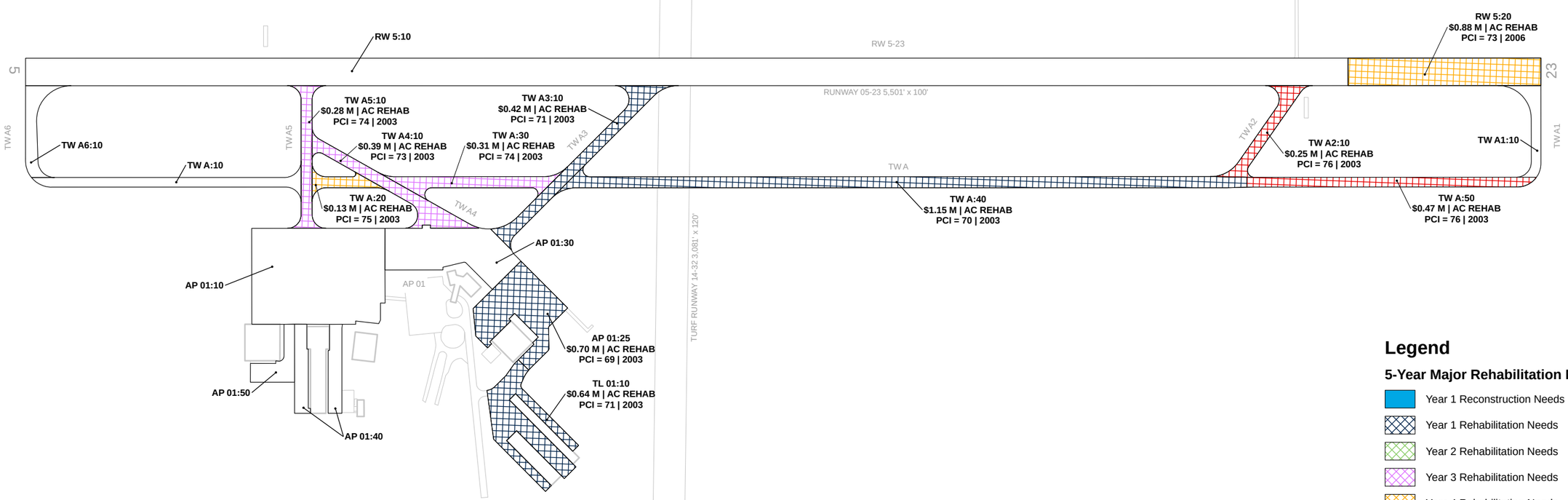

Legend

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
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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.

Kimley»Horn

STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

SUMTER AIRPORT (SMS)

5-YEAR MAJOR REHABILITATION EXHIBIT

SOUTH CAROLINA AERONAUTICS

Appendix B – Analysis Tables

Table B1 – System Inventory Data - Section

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface Type	Estimate of Last Construction Date
SMS	AP 01	Apron	10	166,385	PCC	2/1/2023
SMS	AP 01	Apron	25	61,104	AAC	4/1/2003
SMS	AP 01	Apron	30	70,755	PCC	1/1/2015
SMS	AP 01	Apron	40	31,530	AC	1/1/2000
SMS	AP 01	Apron	50	16,612	AC	7/1/2016
SMS	RW 5	Runway	10	480,000	AAC	1/1/2006
SMS	RW 5	Runway	20	70,000	AAC	1/1/2006
SMS	TL 01	Taxilane	10	55,984	AAC	6/1/2003
SMS	TW A	Taxiway	10	34,889	AC	8/1/2007
SMS	TW A	Taxiway	20	10,259	AAC	4/1/2003
SMS	TW A	Taxiway	30	25,285	AAC	4/1/2003
SMS	TW A	Taxiway	40	99,506	AAC	4/1/2003
SMS	TW A	Taxiway	50	36,093	AAC	4/1/2003
SMS	TW A1	Taxiway	10	15,117	AAC	4/1/2003
SMS	TW A2	Taxiway	10	19,527	AAC	4/1/2003
SMS	TW A3	Taxiway	10	36,699	AAC	4/1/2003
SMS	TW A4	Taxiway	10	31,651	AAC	4/1/2003
SMS	TW A5	Taxiway	10	22,826	AAC	4/1/2003
SMS	TW A6	Taxiway	10	17,699	AC	8/1/2007

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	5	346,386	92	Good
RW 5	Runway	2	550,000	76	Satisfactory
TL 01	Taxilane	1	55,984	71	Satisfactory
TW A	Taxiway	5	206,032	73	Satisfactory
TW A1	Taxiway	1	15,117	78	Satisfactory
TW A2	Taxiway	1	19,527	76	Satisfactory
TW A3	Taxiway	1	36,699	71	Satisfactory
TW A4	Taxiway	1	31,651	73	Satisfactory
TW A5	Taxiway	1	22,826	74	Satisfactory
TW A6	Taxiway	1	17,699	83	Satisfactory

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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
SMS	AP 01	Apron	10	166,385	PCC	100	Good	0	0	0	0	0
SMS	AP 01	Apron	25	61,104	AAC	69	Fair	96	0	4	3	11
SMS	AP 01	Apron	30	70,755	PCC	97	Good	0	48	52	4	17
SMS	AP 01	Apron	40	31,530	AC	79	Satisfactory	100	0	0	2	6
SMS	AP 01	Apron	50	16,612	AC	95	Good	100	0	0	1	4
SMS	RW 5	Runway	10	480,000	AAC	77	Satisfactory	100	0	0	20	96
SMS	RW 5	Runway	20	70,000	AAC	73	Satisfactory	100	0	0	4	14
SMS	TL 01	Taxilane	10	55,984	AAC	71	Satisfactory	81	14	5	4	11
SMS	TW A	Taxiway	10	34,889	AC	78	Satisfactory	100	0	0	2	9
SMS	TW A	Taxiway	20	10,259	AAC	75	Satisfactory	100	0	0	1	2
SMS	TW A	Taxiway	30	25,285	AAC	74	Satisfactory	96	0	4	2	5
SMS	TW A	Taxiway	40	99,506	AAC	70	Fair	100	0	0	5	25
SMS	TW A	Taxiway	50	36,093	AAC	76	Satisfactory	100	0	0	3	10
SMS	TW A1	Taxiway	10	15,117	AAC	78	Satisfactory	100	0	0	1	4
SMS	TW A2	Taxiway	10	19,527	AAC	76	Satisfactory	100	0	0	2	4
SMS	TW A3	Taxiway	10	36,699	AAC	71	Satisfactory	93	0	7	3	8
SMS	TW A4	Taxiway	10	31,651	AAC	73	Satisfactory	95	0	5	2	7
SMS	TW A5	Taxiway	10	22,826	AAC	74	Satisfactory	97	0	3	2	5
SMS	TW A6	Taxiway	10	17,699	AC	83	Satisfactory	100	0	0	1	4

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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
SMS	AP 01	10	100	100	99	99	98	97
SMS	AP 01	25	69	68	66	65	64	63
SMS	AP 01	30	97	96	96	95	95	94
SMS	AP 01	40	79	77	76	74	72	71
SMS	AP 01	50	95	93	91	89	87	85
SMS	RW 5	10	77	76	75	74	73	72
SMS	RW 5	20	73	72	71	70	69	68
SMS	TL 01	10	71	70	68	67	65	64
SMS	TW A	10	78	77	75	74	72	71
SMS	TW A	20	75	74	72	71	69	68
SMS	TW A	30	74	73	71	70	68	67
SMS	TW A	40	70	69	67	66	64	63
SMS	TW A	50	76	75	73	72	70	69
SMS	TW A1	10	78	77	75	74	72	71
SMS	TW A2	10	76	75	73	72	70	69
SMS	TW A3	10	71	70	68	67	65	64
SMS	TW A4	10	73	72	70	69	67	66
SMS	TW A5	10	74	73	71	70	68	67
SMS	TW A6	10	83	82	80	79	77	76

Appendix C – Maintenance and Rehabilitation Tables

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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	40,061	LF	$ 140,310
	Surface Seal	241,440	SF	$ 398,450
	AC Full-Depth Patching	728	SF	$ 20,900
	PCC Crack Sealing	59	LF	$ 420
	PCC Partial-Depth Patching	11	SF	$ 960
			Localized Preventive Maintenance Total =	$ 561,040
Localized Stopgap Maintenance	Surface Seal	29,965	SF	$ 49,450
			Localized Stopgap Maintenance Total =	$ 49,450
			Planning-Level Localized M&R Needs =	**$ 610,490**

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

Network ID	Branch ID	Section ID	Area (SF)	Start PCI	End PCI	Cost
SMS	AP 01	10	166,385	100	100	$ -
SMS	AP 01	25	61,104	69	73	$ 24,820
SMS	AP 01	30	70,755	97	98	$ 1,370
SMS	AP 01	40	31,530	79	85	$ 3,270
SMS	AP 01	50	16,612	95	95	$ -
SMS	RW 5	10	480,000	77	82	$ 295,550
SMS	RW 5	20	70,000	73	78	$ 42,050
SMS	TL 01	10	55,984	71	76	$ 29,670
SMS	TW A	10	34,889	78	83	$ 10,370
SMS	TW A	20	10,259	75	85	$ 14,080
SMS	TW A	30	25,285	74	78	$ 22,810
SMS	TW A	40	99,506	70	75	$ 24,630
SMS	TW A	50	36,093	76	81	$ 15,100
SMS	TW A1	10	15,117	78	83	$ 8,150
SMS	TW A2	10	19,527	76	81	$ 8,160
SMS	TW A3	10	36,699	71	76	$ 20,040
SMS	TW A4	10	31,651	73	81	$ 45,110
SMS	TW A5	10	22,826	74	83	$ 42,410
SMS	TW A6	10	17,699	83	87	$ 2,790

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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
SMS	AP 01	30	LINEAR CR	Low	4	Slabs	1.3%	Preventive	PCC Crack Sealing	59	LF	$ 7.00	$ 420
SMS	AP 01	30	SMALL PATCH	Medium	4	Slabs	1.3%	Preventive	PCC Partial-Depth Patching	11	SF	$ 90.00	$ 960
SMS	AP 01	40	L & T CR	Low	517	LF	1.6%	Preventive	AC Crack Sealing Narrow	517	LF	$ 3.50	$ 1,820
SMS	AP 01	40	L & T CR	Medium	416	LF	1.3%	Preventive	AC Crack Sealing Narrow	416	LF	$ 3.50	$ 1,460
SMS	RW 5	10	L & T CR	Low	19,949	LF	4.2%	Preventive	AC Crack Sealing Narrow	19,949	LF	$ 3.50	$ 69,830
SMS	RW 5	10	WEATHERING	Medium	136,800	SF	28.5%	Preventive	Surface Seal	136,800	SF	$ 1.65	$ 225,730
SMS	RW 5	20	L & T CR	Low	4,588	LF	6.6%	Preventive	AC Crack Sealing Narrow	4,589	LF	$ 3.50	$ 16,060
SMS	RW 5	20	WEATHERING	Medium	15,750	SF	22.5%	Preventive	Surface Seal	15,750	SF	$ 1.65	$ 25,990
SMS	TL 01	10	ALLIGATOR CR	Low	40	SF	0.1%	Preventive	AC Full-Depth Patching	70	SF	$ 28.75	$ 2,000
SMS	TL 01	10	L & T CR	Low	2,276	LF	4.1%	Preventive	AC Crack Sealing Narrow	2,276	LF	$ 3.50	$ 7,970
SMS	TL 01	10	L & T CR	Medium	229	LF	0.4%	Preventive	AC Crack Sealing Narrow	229	LF	$ 3.50	$ 810
SMS	TL 01	10	PATCHING	Medium	558	SF	1.0%	Preventive	AC Full-Depth Patching	658	SF	$ 28.75	$ 18,900
SMS	TW A	10	L & T CR	Low	1,311	LF	3.8%	Preventive	AC Crack Sealing Narrow	1,311	LF	$ 3.50	$ 4,590
SMS	TW A	10	RAVELING	Low	10	SF	0.0%	Preventive	Surface Seal	10	SF	$ 1.65	$ 20
SMS	TW A	10	WEATHERING	Medium	3,489	SF	10.0%	Preventive	Surface Seal	3,489	SF	$ 1.65	$ 5,760
SMS	TW A	20	L & T CR	Low	394	LF	3.8%	Preventive	AC Crack Sealing Narrow	394	LF	$ 3.50	$ 1,390
SMS	TW A	20	WEATHERING	Medium	7,695	SF	75.0%	Preventive	Surface Seal	7,695	SF	$ 1.65	$ 12,700
SMS	TW A	30	L & T CR	Low	1,451	LF	5.7%	Preventive	AC Crack Sealing Narrow	1,451	LF	$ 3.50	$ 5,080
SMS	TW A	30	WEATHERING	Medium	10,745	SF	42.5%	Preventive	Surface Seal	10,745	SF	$ 1.65	$ 17,730
SMS	TW A	50	L & T CR	Low	1,760	LF	4.9%	Preventive	AC Crack Sealing Narrow	1,760	LF	$ 3.50	$ 6,160
SMS	TW A	50	WEATHERING	Medium	5,414	SF	15.0%	Preventive	Surface Seal	5,414	SF	$ 1.65	$ 8,940
SMS	TW A1	10	L & T CR	Low	544	LF	3.6%	Preventive	AC Crack Sealing Narrow	544	LF	$ 3.50	$ 1,910
SMS	TW A1	10	WEATHERING	Medium	3,779	SF	25.0%	Preventive	Surface Seal	3,779	SF	$ 1.65	$ 6,240
SMS	TW A2	10	L & T CR	Low	949	LF	4.9%	Preventive	AC Crack Sealing Narrow	949	LF	$ 3.50	$ 3,330
SMS	TW A2	10	WEATHERING	Medium	2,930	SF	15.0%	Preventive	Surface Seal	2,930	SF	$ 1.65	$ 4,840
SMS	TW A3	10	L & T CR	Low	2,263	LF	6.2%	Preventive	AC Crack Sealing Narrow	2,263	LF	$ 3.50	$ 7,930
SMS	TW A3	10	WEATHERING	Medium	7,340	SF	20.0%	Preventive	Surface Seal	7,340	SF	$ 1.65	$ 12,120
SMS	TW A4	10	L & T CR	Low	1,697	LF	5.4%	Preventive	AC Crack Sealing Narrow	1,697	LF	$ 3.50	$ 5,950
SMS	TW A4	10	WEATHERING	Medium	23,738	SF	75.0%	Preventive	Surface Seal	23,739	SF	$ 1.65	$ 39,170
SMS	TW A5	10	L & T CR	Low	1,355	LF	5.9%	Preventive	AC Crack Sealing Narrow	1,355	LF	$ 3.50	$ 4,750
SMS	TW A5	10	RAVELING	Low	11	SF	0.1%	Preventive	Surface Seal	12	SF	$ 1.65	$ 20
SMS	TW A5	10	WEATHERING	Medium	22,815	SF	100.0%	Preventive	Surface Seal	22,814	SF	$ 1.65	$ 37,650
SMS	TW A6	10	L & T CR	Low	361	LF	2.0%	Preventive	AC Crack Sealing Narrow	361	LF	$ 3.50	$ 1,270

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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
SMS	TW A6	10	RAVELING	Low	43	SF	0.2%	Preventive	Surface Seal	43	SF	$ 1.65	$ 80
SMS	TW A6	10	WEATHERING	Medium	881	SF	5.0%	Preventive	Surface Seal	882	SF	$ 1.65	$ 1,460
SMS	AP 01	25	WEATHERING	Medium	15,038	SF	24.6%	Stopgap	Surface Seal	15,038	SF	$ 1.65	$ 24,820
SMS	TW A	40	WEATHERING	Medium	14,926	SF	15.0%	Stopgap	Surface Seal	14,926	SF	$ 1.65	$ 24,630

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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	**SMS**	AP 01	25	AAC	61,104	68	AC Rehabilitation	$ 703,000
2024	**SMS**	TL 01	10	AAC	55,984	70	AC Rehabilitation	$ 644,000
2024	**SMS**	TW A	40	AAC	99,506	69	AC Rehabilitation	$ 1,145,000
2024	**SMS**	TW A3	10	AAC	36,699	70	AC Rehabilitation	$ 423,000
2026	**SMS**	TW A	30	AAC	25,285	70	AC Rehabilitation	$ 309,000
2026	**SMS**	TW A4	10	AAC	31,651	69	AC Rehabilitation	$ 387,000
2026	**SMS**	TW A5	10	AAC	22,826	70	AC Rehabilitation	$ 279,000
2027	**SMS**	RW 5	20	AAC	70,000	69	AC Rehabilitation	$ 880,000
2027	**SMS**	TW A	20	AAC	10,259	69	AC Rehabilitation	$ 129,000
2028	**SMS**	TW A	50	AAC	36,093	69	AC Rehabilitation	$ 468,000
2028	**SMS**	TW A2	10	AAC	19,527	69	AC Rehabilitation	$ 253,000
							Total 5-Year Major Rehabilitation Needs =	**$ 5,620,000**

Appendix D – PCI Results Summary

RW 5

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
RW 5	RUNWAY	2	550,000	76	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	480,000	AAC	2006	2018	77	Satisfactory	100	0	0
20	70,000	AAC	2006	2018	73	Satisfactory	100	0	0

RW 5-10

RW 5-10

RW 5-20

RW 5-20

TW A

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW A	TAXIWAY	5	206,032	73	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	34,889	AC	2007	2018	78	Satisfactory	100	0	0
20	10,259	AAC	2003	2018	75	Satisfactory	100	0	0
30	25,285	AAC	2003	2018	74	Satisfactory	96	0	4
40	99,506	AAC	2003	2018	70	Fair	100	0	0
50	36,093	AAC	2003	2018	76	Satisfactory	100	0	0

TW A-10

TW A-20

TW A-30

TW A-40

TW A1

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW A1	TAXIWAY	1	15,117	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	15,117	AAC	2003	2018	78	Satisfactory	100	0	0

TW A1-10

TW A2

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW A2	TAXIWAY	1	19,527	76	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	19,527	AAC	2003	2018	76	Satisfactory	100	0	0

TW A2-10

TW A3

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW A3	TAXIWAY	1	36,699	71	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	36,699	AAC	2003	2018	71	Satisfactory	93	0	7

TW A3-10

TW A4

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW A4	TAXIWAY	1	31,651	73	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	31,651	AAC	2003	2018	73	Satisfactory	95	0	5

TW A4-10

TW A5

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW A5	TAXIWAY	1	22,826	74	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	22,826	AAC	2003	2018	74	Satisfactory	97	0	3

TW A5-10

TW A6

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW A6	TAXIWAY	1	17,699	83	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	17,699	AC	2007	2018	83	Satisfactory	100	0	0

TW A6-10

TL 01

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TL 01	TAXILANE	1	55,984	71	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	55,984	AAC	2003	2018	71	Satisfactory	81	14	5

TL 01-10

AP 01

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
AP 01	APRON	5	346,386	92	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
10	166,385	PCC	2023	-	100	Good	0	0	0
25	61,104	AAC	2003	-	69	Fair	96	0	4
30	70,755	PCC	2015	-	97	Good	0	48	52
40	31,530	AC	2000	2018	79	Satisfactory	100	0	0
50	16,612	AC	2016	2018	95	Good	100	0	0

AP 01-25

AP 01-30

AP 01-40

AP 01-50

Appendix E – Re-Inspection Report

Re-Inspection Report

SCAC_2023
Generated Date 5/31/2023

Network: SMS **Name:** Sumter Municipal Airport

Branch: AP 01 **Name:** APRON 01 **Use:** APRON **Area:** 346,386 SqFt

Section: 10 of 5 **From:** - **To:** - **Last Const.:** 2/1/2023

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

Area: 166,385 SqFt **Length:** 484 Ft **Width:** 348 Ft

Slabs: 739 **Slab Length:** 15 Ft **Slab Width:** 15 Ft **Joint Length:** 21,626 Ft

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

Section Comments:

Work Date: 7/1/1967	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 7/1/1967	**Work Type:** Surface Treatment - Double Bitum. (Layer Construct)	**Code:** SU-DB	**Is Major M&R:** False
Work Date: 7/1/1967	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 11/1/1988	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SCT	**Is Major M&R:** False
Work Date: 11/1/1988	**Work Type:** New Construction - Initial	**Code:** NU-IN	**Is Major M&R:** True
Work Date: 11/1/1988	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** LC-AC	**Is Major M&R:** True
Work Date: 4/1/2003	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**Is Major M&R:** True
Work Date: 1/1/2018	**Work Type:** Surface Seal - Rejuvenating	**Code:** SS-RE	**Is Major M&R:** False
Work Date: 1/31/2023	**Work Type:** Demolish Existing	**Code:** DEMO	**Is Major M&R:** False
Work Date: 2/1/2023	**Work Type:** Reconstruction - PCC	**Code:** RC-PC	**Is Major M&R:** True
Work Date: 2/1/2023	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 2/2/2023	**Work Type:** Surface Course - PCC (Layer Construct)	**Code:** SU-PC	**Is Major M&R:** False

Last Insp. Date: 10/13/2016 **TotalSamples:** 24 **Surveyed:** 5

Conditions: **PCI:** 73 **NOTE: *** Pre-Construction PCI *****

Inspection Comments:

Sample Number: 16 **Type:** R **Area:** 5000.00 SqFt **PCI:** 77

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	206.00	Ft
52	RAVELING	L	150.00	SqFt
57	WEATHERING	L	4850.00	SqFt

Sample Number: 2 **Type:** R **Area:** 5000.00 SqFt **PCI:** 67

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	489.00	Ft
52	RAVELING	L	200.00	SqFt
57	WEATHERING	L	4800.00	SqFt

Sample Number: 23 **Type:** R **Area:** 4109.00 SqFt **PCI:** 78

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	157.00	Ft
52	RAVELING	L	123.00	SqFt
57	WEATHERING	L	3986.00	SqFt

Sample Number: 5 **Type:** R **Area:** 5000.00 SqFt **PCI:** 72

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	362.00	Ft

52	RAVELING	L	100.00	SqFt
57	WEATHERING	L	4900.00	SqFt

Sample Number: 9 **Type:** R **Area:** 5000.00 SqFt **PCI:** 72

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	394.00	Ft
52	RAVELING	L	50.00	SqFt
57	WEATHERING	L	4950.00	SqFt

Network: SMS **Name:** Sumter Municipal Airport

Branch: AP 01 **Name:** APRON 01 **Use:** APRON **Area:** 346,386 SqFt

Section: 25 of 5 **From:** - **To:** - **Last Const.:** 4/1/2003

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

Area: 61,104 SqFt **Length:** 250 Ft **Width:** 240 Ft

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

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

Section Comments:

Work Date: 7/1/1967	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 7/1/1967	**Work Type:** Surface Treatment - Double Bitum. (Layer Construct)	**Code:** SU-DB	**Is Major M&R:** False
Work Date: 7/1/1967	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 6/1/1980	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** LC-AC	**Is Major M&R:** True
Work Date: 6/1/1980	**Work Type:** New Construction - Initial	**Code:** NU-IN	**Is Major M&R:** True
Work Date: 4/1/2003	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**Is Major M&R:** True

Last Insp. Date: 1/4/2023 **TotalSamples:** 11 **Surveyed:** 3

Conditions: **PCI:** 69

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 6383.00 SqFt **PCI:** 64

Sample Comments:

48	L & T CR	L	789.00	Ft
57	WEATHERING	L	3191.00	SqFt
57	WEATHERING	M	3192.00	SqFt

Sample Number: 07 **Type:** R **Area:** 6100.00 SqFt **PCI:** 69

Sample Comments:

48	L & T CR	L	519.00	Ft
56	SWELLING	L	30.00	SqFt
57	WEATHERING	L	5812.00	SqFt
57	WEATHERING	M	288.00	SqFt

Sample Number: 11 **Type:** R **Area:** 4241.00 SqFt **PCI:** 77

Sample Comments:

48	L & T CR	L	172.00	Ft
57	WEATHERING	L	3605.00	SqFt
57	WEATHERING	M	636.00	SqFt

Network: SMS **Name:** Sumter Municipal Airport

Branch: AP 01 **Name:** APRON 01 **Use:** APRON **Area:** 346,386 SqFt

Section: 30 of 5 **From:** - **To:** - **Last Const.:** 1/1/2015

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

Area: 70,755 SqFt **Length:** 500 Ft **Width:** 150 Ft

Slabs: 314 **Slab Length:** 15 Ft **Slab Width:** 15 Ft **Joint Length:** 9,350 Ft

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

Section Comments:

Work Date: 1/1/2015 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 1/2/2015 **Work Type:** Base Course - Aggregate **Code:** BA-AG **Is Major M&R:** False

Work Date: 1/3/2015 **Work Type:** Surface Course - PCC (Layer Construct) **Code:** LC-PC **Is Major M&R:** False

Last Insp. Date: 1/4/2023 **TotalSamples:** 17 **Surveyed:** 4

Conditions: **PCI:** 97

Inspection Comments:

Sample Number: 04 **Type:** R **Area:** 20.00 Slabs **PCI:** 98

Sample Comments:

66	SMALL PATCH	L	1.00	Slabs
73	SHRINKAGE CR	N	1.00	Slabs

Sample Number: 08 **Type:** R **Area:** 20.00 Slabs **PCI:** 100

Sample Comments:

<No Distress>

Sample Number: 10 **Type:** R **Area:** 20.00 Slabs **PCI:** 95

Sample Comments:

63	LINEAR CR	L	1.00	Slabs

Sample Number: 17 **Type:** R **Area:** 20.00 Slabs **PCI:** 97

Sample Comments:

66	SMALL PATCH	M	1.00	Slabs

Network: SMS **Name:** Sumter Municipal Airport

Branch: AP 01 **Name:** APRON 01 **Use:** APRON **Area:** 346,386 SqFt

Section: 40 of 5 **From:** - **To:** - **Last Const.:** 1/1/2000

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

Area: 31,530 SqFt **Length:** 323 Ft **Width:** 170 Ft

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

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

Section Comments:

Work Date: 1/1/2000 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 1/1/2018 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Last Insp. Date: 1/4/2023 **TotalSamples:** 6 **Surveyed:** 2

Conditions: **PCI:** 79

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 5000.00 SqFt **PCI:** 83

Sample Comments:

48	L & T CR	L	18.00	Ft
48	L & T CR	M	36.00	Ft
57	WEATHERING	L	5000.00	SqFt

Sample Number: 06 **Type:** R **Area:** 6150.00 SqFt **PCI:** 75

Sample Comments:

48	L & T CR	L	165.00	Ft
48	L & T CR	M	111.00	Ft
57	WEATHERING	L	6150.00	SqFt

Network: SMS **Name:** Sumter Municipal Airport

Branch: AP 01 **Name:** APRON 01 **Use:** APRON **Area:** 346,386 SqFt

Section: 50 of 5 **From:** - **To:** - **Last Const.:** 7/1/2016

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

Area: 16,612 SqFt **Length:** 210 Ft **Width:** 160 Ft

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

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

Section Comments:

Work Date: 7/1/2016 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 1/1/2018 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

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

Conditions: **PCI:** 95

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 4080.00 SqFt **PCI:** 95

Sample Comments:

57	WEATHERING	L	2040.00	SqFt

Network: SMS **Name:** Sumter Municipal Airport

Branch: RW 5 **Name:** RUNWAY 5-23 **Use:** RUNWAY **Area:** 550,000 SqFt

Section: 10 of 2 **From:** - **To:** - **Last Const.:** 1/1/2006

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

Area: 480,000 SqFt **Length:** 4,800 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: 7/1/1967	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 7/1/1967	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 7/1/1967	**Work Type:** Surface Treatment - Double Bitum. (Layer Construct)	**Code:** SU-DB	**Is Major M&R:** False
Work Date: 6/1/1980	**Work Type:** New Construction - Initial	**Code:** NU-IN	**Is Major M&R:** True
Work Date: 6/1/1980	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** LC-AC	**Is Major M&R:** True
Work Date: 1/1/2006	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**Is Major M&R:** True
Work Date: 1/1/2018	**Work Type:** Surface Seal - Rejuvenating	**Code:** SS-RE	**Is Major M&R:** False

Last Insp. Date: 1/4/2023 **TotalSamples:** 96 **Surveyed:** 20

Conditions: **PCI:** 77

Inspection Comments:

Sample Number: 03 **Type:** R **Area:** 5000.00 SqFt **PCI:** 73

Sample Comments:

48	L & T CR	L	308.00	Ft
57	WEATHERING	L	2500.00	SqFt
57	WEATHERING	M	2500.00	SqFt

Sample Number: 07 **Type:** R **Area:** 5000.00 SqFt **PCI:** 80

Sample Comments:

48	L & T CR	L	138.00	Ft
57	WEATHERING	L	3750.00	SqFt
57	WEATHERING	M	1250.00	SqFt

Sample Number: 11 **Type:** R **Area:** 5000.00 SqFt **PCI:** 79

Sample Comments:

48	L & T CR	L	160.00	Ft
57	WEATHERING	L	3750.00	SqFt
57	WEATHERING	M	1250.00	SqFt

Sample Number: 14 **Type:** R **Area:** 5000.00 SqFt **PCI:** 73

Sample Comments:

48	L & T CR	L	299.00	Ft
57	WEATHERING	L	3750.00	SqFt
57	WEATHERING	M	1250.00	SqFt

Sample Number: 19 **Type:** R **Area:** 5000.00 SqFt **PCI:** 80

Sample Comments:

48	L & T CR	L	156.00	Ft
57	WEATHERING	L	3750.00	SqFt
57	WEATHERING	M	1250.00	SqFt

Sample Number: 24 **Type:** R **Area:** 5000.00 SqFt **PCI:** 79

Sample Comments:

48	L & T CR	L	178.00	Ft
57	WEATHERING	L	3750.00	SqFt
57	WEATHERING	M	1250.00	SqFt

Sample Number: 29 **Type:** R **Area:** 5000.00 SqFt **PCI:** 77

Sample Comments:

48	L & T CR	L	208.00	Ft
57	WEATHERING	L	3750.00	SqFt
57	WEATHERING	M	1250.00	SqFt

Sample Number: 34 **Type:** R **Area:** 5000.00 SqFt **PCI:** 80

Sample Comments:

48	L & T CR	L	144.00	Ft
57	WEATHERING	L	3750.00	SqFt
57	WEATHERING	M	1250.00	SqFt

Sample Number: 39 **Type:** R **Area:** 5000.00 SqFt **PCI:** 77

Sample Comments:

48	L & T CR	L	216.00	Ft
57	WEATHERING	L	3750.00	SqFt
57	WEATHERING	M	1250.00	SqFt

Sample Number: 44 **Type:** R **Area:** 5000.00 SqFt **PCI:** 79

Sample Comments:

48	L & T CR	L	161.00	Ft
57	WEATHERING	L	3750.00	SqFt
57	WEATHERING	M	1250.00	SqFt

Sample Number: 49 **Type:** R **Area:** 5000.00 SqFt **PCI:** 76

Sample Comments:

48	L & T CR	L	222.00	Ft
57	WEATHERING	L	3750.00	SqFt
57	WEATHERING	M	1250.00	SqFt

Sample Number: 54 **Type:** R **Area:** 5000.00 SqFt **PCI:** 78

Sample Comments:

48	L & T CR	L	182.00	Ft
57	WEATHERING	L	4000.00	SqFt
57	WEATHERING	M	1000.00	SqFt

Sample Number: 59 **Type:** R **Area:** 5000.00 SqFt **PCI:** 79

Sample Comments:

48	L & T CR	L	109.00	Ft
57	WEATHERING	L	3500.00	SqFt
57	WEATHERING	M	1500.00	SqFt

Sample Number: 64 **Type:** R **Area:** 5000.00 SqFt **PCI:** 78

Sample Comments:

48	L & T CR	L	193.00	Ft
57	WEATHERING	L	3750.00	SqFt
57	WEATHERING	M	1250.00	SqFt

Sample Number: 69 **Type:** R **Area:** 5000.00 SqFt **PCI:** 75

Sample Comments:

48	L & T CR	L	165.00	Ft
57	WEATHERING	L	2500.00	SqFt
57	WEATHERING	M	2500.00	SqFt

Sample Number: 74 **Type:** R **Area:** 5000.00 SqFt **PCI:** 78

Sample Comments:

48	L & T CR	L	189.00	Ft
57	WEATHERING	L	3750.00	SqFt
57	WEATHERING	M	1250.00	SqFt

Sample Number: 79 **Type:** R **Area:** 5000.00 SqFt **PCI:** 77

Sample Comments:

48	L & T CR	L	206.00	Ft
57	WEATHERING	L	3500.00	SqFt
57	WEATHERING	M	1500.00	SqFt

Sample Number: 84 **Type:** R **Area:** 5000.00 SqFt **PCI:** 76

Sample Comments:

48	L & T CR	L	229.00	Ft

57	WEATHERING	L	3750.00	SqFt
57	WEATHERING	M	1250.00	SqFt

Sample Number: 89 **Type:** R **Area:** 5000.00 SqFt **PCI:** 72

Sample Comments:

48	L & T CR	L	325.00	Ft
57	WEATHERING	L	3000.00	SqFt
57	WEATHERING	M	2000.00	SqFt

Sample Number: 94 **Type:** R **Area:** 5000.00 SqFt **PCI:** 71

Sample Comments:

48	L & T CR	L	368.00	Ft
57	WEATHERING	L	3750.00	SqFt
57	WEATHERING	M	1250.00	SqFt

Network: SMS **Name:** Sumter Municipal Airport

Branch: RW 5 **Name:** RUNWAY 5-23 **Use:** RUNWAY **Area:** 550,000 SqFt

Section: 20 of 2 **From:** - **To:** - **Last Const.:** 1/1/2006

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

Area: 70,000 SqFt **Length:** 700 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: 2/1/1989	**Work Type:** New Construction - Initial	**Code:** NU-IN	**Is Major M&R:** True
Work Date: 2/1/1989	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 2/1/1989	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 1/1/2006	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**Is Major M&R:** True
Work Date: 1/1/2018	**Work Type:** Surface Seal - Rejuvenating	**Code:** SS-RE	**Is Major M&R:** False

Last Insp. Date: 1/4/2023 **TotalSamples:** 14 **Surveyed:** 4

Conditions: **PCI:** 73

Inspection Comments:

Sample Number: 03 **Type:** R **Area:** 5000.00 SqFt **PCI:** 69

Sample Comments:

48	L & T CR	L	434.00	Ft
57	WEATHERING	L	3750.00	SqFt
57	WEATHERING	M	1250.00	SqFt

Sample Number: 06 **Type:** R **Area:** 5000.00 SqFt **PCI:** 71

Sample Comments:

48	L & T CR	L	371.00	Ft
57	WEATHERING	L	3750.00	SqFt
57	WEATHERING	M	1250.00	SqFt

Sample Number: 09 **Type:** R **Area:** 5000.00 SqFt **PCI:** 71

Sample Comments:

48	L & T CR	L	356.00	Ft
57	WEATHERING	L	3750.00	SqFt
57	WEATHERING	M	1250.00	SqFt

Sample Number: 12 **Type:** R **Area:** 5000.00 SqFt **PCI:** 80

Sample Comments:

48	L & T CR	L	150.00	Ft
57	WEATHERING	L	4250.00	SqFt
57	WEATHERING	M	750.00	SqFt

Network: SMS **Name:** Sumter Municipal Airport

Branch: TL 01 **Name:** TAXILANE 01 **Use:** TAXILANE **Area:** 55,984 SqFt

Section: 10 of 1 **From:** - **To:** - **Last Const.:** 6/1/2003

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

Area: 55,984 SqFt **Length:** 140 Ft **Width:** 120 Ft

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

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

Section Comments:

Work Date: 6/1/1997	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 6/1/1997	**Work Type:** New Construction - Initial	**Code:** NU-IN	**Is Major M&R:** True
Work Date: 6/1/2003	**Work Type:** Overlay - AC Non-Structural	**Code:** OL-UN	**Is Major M&R:** True
Work Date: 1/1/2018	**Work Type:** Surface Seal - Rejuvenating	**Code:** SS-RE	**Is Major M&R:** False

Last Insp. Date: 1/4/2023 **TotalSamples:** 11 **Surveyed:** 4

Conditions: **PCI:** 71

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4500.00 SqFt **PCI:** 66

Sample Comments:

48	L & T CR	L	460.00	Ft
48	L & T CR	M	39.00	Ft
57	WEATHERING	L	4500.00	SqFt

Sample Number: 07 **Type:** R **Area:** 5100.00 SqFt **PCI:** 78

Sample Comments:

41	ALLIGATOR CR	L	14.00	SqFt
48	L & T CR	L	186.00	Ft
57	WEATHERING	L	5100.00	SqFt

Sample Number: 09 **Type:** R **Area:** 3450.00 SqFt **PCI:** 68

Sample Comments:

45	DEPRESSION	L	8.00	SqFt
48	L & T CR	L	37.00	Ft
50	PATCHING	M	195.00	SqFt
57	WEATHERING	L	3255.00	SqFt

Sample Number: 11 **Type:** R **Area:** 6509.00 SqFt **PCI:** 70

Sample Comments:

45	DEPRESSION	L	72.00	SqFt
48	L & T CR	L	112.00	Ft
48	L & T CR	M	41.00	Ft
50	PATCHING	L	332.00	SqFt
57	WEATHERING	L	6177.00	SqFt

Network: SMS **Name:** Sumter Municipal Airport

Branch: TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 206,032 SqFt

Section: 10 of 5 **From:** - **To:** - **Last Const.:** 8/1/2007

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

Area: 34,889 SqFt **Length:** 965 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: 8/1/2007 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 1/1/2018 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

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

Conditions: **PCI:** 78

Inspection Comments:

Sample Number: 03 **Type:** R **Area:** 3500.00 SqFt **PCI:** 76

Sample Comments:

48	L & T CR	L	157.00	Ft
57	WEATHERING	L	3150.00	SqFt
57	WEATHERING	M	350.00	SqFt

Sample Number: 08 **Type:** R **Area:** 3500.00 SqFt **PCI:** 79

Sample Comments:

48	L & T CR	L	106.00	Ft
52	RAVELING	L	2.00	SqFt
57	WEATHERING	L	3148.00	SqFt
57	WEATHERING	M	350.00	SqFt

Network: SMS **Name:** Sumter Municipal Airport

Branch: TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 206,032 SqFt

Section: 20 of 5 **From:** - **To:** - **Last Const.:** 4/1/2003

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

Area: 10,259 SqFt **Length:** 217 Ft **Width:** 40 Ft

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

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

Section Comments:

Work Date: 11/1/1988	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** LC-AC	**Is Major M&R:** True
Work Date: 11/1/1988	**Work Type:** New Construction - Initial	**Code:** NU-IN	**Is Major M&R:** True
Work Date: 4/1/2003	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**Is Major M&R:** True
Work Date: 1/1/2018	**Work Type:** Surface Seal - Rejuvenating	**Code:** SS-RE	**Is Major M&R:** False

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

Conditions: **PCI:** 75

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5073.00 SqFt **PCI:** 75

Sample Comments:

48	L & T CR	L	195.00	Ft
57	WEATHERING	L	1268.00	SqFt
57	WEATHERING	M	3805.00	SqFt

Network: SMS **Name:** Sumter Municipal Airport

Branch: TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 206,032 SqFt

Section: 30 of 5 **From:** - **To:** - **Last Const.:** 4/1/2003

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

Area: 25,285 SqFt **Length:** 490 Ft **Width:** 40 Ft

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

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

Section Comments:

Work Date: 11/1/1988	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** LC-AC	**Is Major M&R:** True
Work Date: 11/1/1988	**Work Type:** New Construction - Initial	**Code:** NU-IN	**Is Major M&R:** True
Work Date: 11/1/1995	**Work Type:** Maintenance (Localized MR)	**Code:** MAINT	**Is Major M&R:** False
Work Date: 4/1/2003	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**Is Major M&R:** True
Work Date: 1/1/2018	**Work Type:** Surface Seal - Rejuvenating	**Code:** SS-RE	**Is Major M&R:** False

Last Insp. Date: 1/4/2023 **TotalSamples:** 5 **Surveyed:** 2

Conditions: **PCI:** 74

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 4001.00 SqFt **PCI:** 76

Sample Comments:

48	L & T CR	L	188.00	Ft
57	WEATHERING	L	3001.00	SqFt
57	WEATHERING	M	1000.00	SqFt

Sample Number: 04 **Type:** R **Area:** 4000.00 SqFt **PCI:** 73

Sample Comments:

48	L & T CR	L	271.00	Ft
56	SWELLING	L	11.00	SqFt
57	WEATHERING	L	1600.00	SqFt
57	WEATHERING	M	2400.00	SqFt

Network: SMS **Name:** Sumter Municipal Airport

Branch: TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 206,032 SqFt

Section: 40 of 5 **From:** - **To:** - **Last Const.:** 4/1/2003

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

Area: 99,506 SqFt **Length:** 2,430 Ft **Width:** 40 Ft

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

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

Section Comments:

Work Date: 11/1/1988	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** LC-AC	**Is Major M&R:** True
Work Date: 11/1/1988	**Work Type:** New Construction - Initial	**Code:** NU-IN	**Is Major M&R:** True
Work Date: 11/1/1995	**Work Type:** Maintenance (Localized MR)	**Code:** MAINT	**Is Major M&R:** False
Work Date: 4/1/2003	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**Is Major M&R:** True
Work Date: 1/1/2018	**Work Type:** Surface Seal - Rejuvenating	**Code:** SS-RE	**Is Major M&R:** False

Last Insp. Date: 1/4/2023 **TotalSamples:** 25 **Surveyed:** 5

Conditions: **PCI:** 70

Inspection Comments:

Sample Number: 04 **Type:** R **Area:** 4000.00 SqFt **PCI:** 77

Sample Comments:

48	L & T CR	L	171.00	Ft
57	WEATHERING	L	3400.00	SqFt
57	WEATHERING	M	600.00	SqFt

Sample Number: 10 **Type:** R **Area:** 4000.00 SqFt **PCI:** 72

Sample Comments:

48	L & T CR	L	273.00	Ft
57	WEATHERING	L	3400.00	SqFt
57	WEATHERING	M	600.00	SqFt

Sample Number: 14 **Type:** R **Area:** 4000.00 SqFt **PCI:** 70

Sample Comments:

48	L & T CR	L	316.00	Ft
57	WEATHERING	L	3400.00	SqFt
57	WEATHERING	M	600.00	SqFt

Sample Number: 18 **Type:** R **Area:** 4000.00 SqFt **PCI:** 67

Sample Comments:

48	L & T CR	L	405.00	Ft
57	WEATHERING	L	3400.00	SqFt
57	WEATHERING	M	600.00	SqFt

Sample Number: 22 **Type:** R **Area:** 4000.00 SqFt **PCI:** 67

Sample Comments:

48	L & T CR	L	403.00	Ft
57	WEATHERING	L	3400.00	SqFt
57	WEATHERING	M	600.00	SqFt

Network: SMS **Name:** Sumter Municipal Airport

Branch: TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 206,032 SqFt

Section: 50 of 5 **From:** - **To:** - **Last Const.:** 4/1/2003

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

Area: 36,093 SqFt **Length:** 1,037 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: 2/1/1989	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 2/1/1989	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 2/1/1989	**Work Type:** New Construction - Initial	**Code:** NU-IN	**Is Major M&R:** True
Work Date: 2/1/1995	**Work Type:** Maintenance (Localized MR)	**Code:** MAINT	**Is Major M&R:** False
Work Date: 4/1/2003	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**Is Major M&R:** True
Work Date: 1/1/2018	**Work Type:** Surface Seal - Rejuvenating	**Code:** SS-RE	**Is Major M&R:** False

Last Insp. Date: 1/4/2023 **TotalSamples:** 10 **Surveyed:** 3

Conditions: **PCI:** 76

Inspection Comments:

Sample Number: 03 **Type:** R **Area:** 3500.00 SqFt **PCI:** 75

Sample Comments:

48	L & T CR	L	175.00	Ft
57	WEATHERING	L	2975.00	SqFt
57	WEATHERING	M	525.00	SqFt

Sample Number: 06 **Type:** R **Area:** 3500.00 SqFt **PCI:** 77

Sample Comments:

48	L & T CR	L	142.00	Ft
57	WEATHERING	L	2975.00	SqFt
57	WEATHERING	M	525.00	SqFt

Sample Number: 09 **Type:** R **Area:** 3500.00 SqFt **PCI:** 74

Sample Comments:

48	L & T CR	L	195.00	Ft
57	WEATHERING	L	2975.00	SqFt
57	WEATHERING	M	525.00	SqFt

Network: SMS **Name:** Sumter Municipal Airport

Branch: TW A1 **Name:** TAXIWAY A1 **Use:** TAXIWAY **Area:** 15,117 SqFt

Section: 10 of 1 **From:** - **To:** - **Last Const.:** 4/1/2003

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

Area: 15,117 SqFt **Length:** 330 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: 2/1/1989	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 2/1/1989	**Work Type:** New Construction - Initial	**Code:** NU-IN	**Is Major M&R:** True
Work Date: 2/1/1989	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 2/1/1995	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 4/1/2003	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**Is Major M&R:** True
Work Date: 1/1/2018	**Work Type:** Surface Seal - Rejuvenating	**Code:** SS-RE	**Is Major M&R:** False

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

Conditions: **PCI:** 78

Inspection Comments:

Sample Number: 03 **Type:** R **Area:** 3500.00 SqFt **PCI:** 78

Sample Comments:

48	L & T CR	L	126.00	Ft
57	WEATHERING	L	2625.00	SqFt
57	WEATHERING	M	875.00	SqFt

Network: SMS **Name:** Sumter Municipal Airport

Branch: TW A2 **Name:** TAXIWAY A2 **Use:** TAXIWAY **Area:** 19,527 SqFt

Section: 10 of 1 **From:** - **To:** - **Last Const.:** 4/1/2003

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

Area: 19,527 SqFt **Length:** 400 Ft **Width:** 40 Ft

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

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

Section Comments:

Work Date: 11/1/1988	**Work Type:** New Construction - Initial	**Code:** NU-IN	**Is Major M&R:** True
Work Date: 11/1/1988	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** LC-AC	**Is Major M&R:** True
Work Date: 4/1/2003	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**Is Major M&R:** True
Work Date: 1/1/2018	**Work Type:** Surface Seal - Rejuvenating	**Code:** SS-RE	**Is Major M&R:** False

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

Conditions: **PCI:** 76

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 4024.00 SqFt **PCI:** 73

Sample Comments:

48	L & T CR	L	249.00	Ft
57	WEATHERING	L	3420.00	SqFt
57	WEATHERING	M	604.00	SqFt

Sample Number: 03 **Type:** R **Area:** 4000.00 SqFt **PCI:** 79

Sample Comments:

48	L & T CR	L	141.00	Ft
57	WEATHERING	L	3400.00	SqFt
57	WEATHERING	M	600.00	SqFt

Network: SMS **Name:** Sumter Municipal Airport

Branch: TW A3 **Name:** TAXIWAY A3 **Use:** TAXIWAY **Area:** 36,699 SqFt

Section: 10 of 1 **From:** - **To:** - **Last Const.:** 4/1/2003

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

Area: 36,699 SqFt **Length:** 890 Ft **Width:** 40 Ft

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

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

Section Comments:

Work Date: 6/1/1980	**Work Type:** New Construction - Initial	**Code:** NU-IN	**Is Major M&R:** True
Work Date: 6/1/1980	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** LC-AC	**Is Major M&R:** True
Work Date: 6/1/1995	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 4/1/2003	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**Is Major M&R:** True
Work Date: 1/1/2018	**Work Type:** Surface Seal - Rejuvenating	**Code:** SS-RE	**Is Major M&R:** False

Last Insp. Date: 1/4/2023 **TotalSamples:** 8 **Surveyed:** 3

Conditions: **PCI:** 71

Inspection Comments:

Sample Number: 03 **Type:** R **Area:** 4000.00 SqFt **PCI:** 76

Sample Comments:

48	L & T CR	L	161.00	Ft
56	SWELLING	L	8.00	SqFt
57	WEATHERING	L	3000.00	SqFt
57	WEATHERING	M	1000.00	SqFt

Sample Number: 05 **Type:** R **Area:** 4000.00 SqFt **PCI:** 64

Sample Comments:

48	L & T CR	L	361.00	Ft
56	SWELLING	L	52.00	SqFt
57	WEATHERING	L	3200.00	SqFt
57	WEATHERING	M	800.00	SqFt

Sample Number: 07 **Type:** R **Area:** 4000.00 SqFt **PCI:** 74

Sample Comments:

45	DEPRESSION	L	4.00	SqFt
48	L & T CR	L	218.00	Ft
57	WEATHERING	L	3400.00	SqFt
57	WEATHERING	M	600.00	SqFt

Network: SMS **Name:** Sumter Municipal Airport

Branch: TW A4 **Name:** TAXIWAY A4 **Use:** TAXIWAY **Area:** 31,651 SqFt

Section: 10 of 1 **From:** - **To:** - **Last Const.:** 4/1/2003

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

Area: 31,651 SqFt **Length:** 740 Ft **Width:** 40 Ft

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

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

Section Comments:

Work Date: 6/1/1980	**Work Type:** New Construction - Initial	**Code:** NU-IN	**Is Major M&R:** True
Work Date: 6/1/1980	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** LC-AC	**Is Major M&R:** True
Work Date: 6/1/1995	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 4/1/2003	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**Is Major M&R:** True
Work Date: 1/1/2018	**Work Type:** Surface Seal - Rejuvenating	**Code:** SS-RE	**Is Major M&R:** False

Last Insp. Date: 1/4/2023 **TotalSamples:** 7 **Surveyed:** 2

Conditions: **PCI:** 73

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 4000.00 SqFt **PCI:** 75

Sample Comments:

48	L & T CR	L	276.00	Ft
57	WEATHERING	M	4000.00	SqFt

Sample Number: 05 **Type:** R **Area:** 4000.00 SqFt **PCI:** 72

Sample Comments:

48	L & T CR	L	153.00	Ft
56	SWELLING	L	42.00	SqFt
57	WEATHERING	L	2000.00	SqFt
57	WEATHERING	M	2000.00	SqFt

Network: SMS **Name:** Sumter Municipal Airport

Branch: TW A5 **Name:** TAXIWAY A5 **Use:** TAXIWAY **Area:** 22,826 SqFt

Section: 10 of 1 **From:** - **To:** - **Last Const.:** 4/1/2003

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

Area: 22,826 SqFt **Length:** 170 Ft **Width:** 40 Ft

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

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

Section Comments:

Work Date: 6/1/1980	**Work Type:** New Construction - Initial	**Code:** NU-IN	**Is Major M&R:** True
Work Date: 6/1/1980	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** LC-AC	**Is Major M&R:** True
Work Date: 6/1/1995	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 4/1/2003	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**Is Major M&R:** True
Work Date: 1/1/2018	**Work Type:** Surface Seal - Rejuvenating	**Code:** SS-RE	**Is Major M&R:** False

Last Insp. Date: 1/4/2023 **TotalSamples:** 5 **Surveyed:** 2

Conditions: **PCI:** 74

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 4000.00 SqFt **PCI:** 75

Sample Comments:

48	L & T CR	L	150.00	Ft
57	WEATHERING	M	4000.00	SqFt

Sample Number: 04 **Type:** R **Area:** 4000.00 SqFt **PCI:** 72

Sample Comments:

48	L & T CR	L	325.00	Ft
52	RAVELING	L	4.00	SqFt
56	SWELLING	L	4.00	SqFt
57	WEATHERING	M	3996.00	SqFt

Network: SMS **Name:** Sumter Municipal Airport

Branch: TW A6 **Name:** TAXIWAY A6 **Use:** TAXIWAY **Area:** 17,699 SqFt

Section: 10 of 1 **From:** - **To:** - **Last Const.:** 8/1/2007

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

Area: 17,699 SqFt **Length:** 330 Ft **Width:** 40 Ft

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

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

Section Comments:

Work Date: 8/1/2007	**Work Type:** New Construction - Initial	**Code:** NU-IN	**Is Major M&R:** True
Work Date: 8/2/2007	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/3/2007	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** LC-AC	**Is Major M&R:** False
Work Date: 1/1/2018	**Work Type:** Surface Seal - Rejuvenating	**Code:** SS-RE	**Is Major M&R:** False

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

Conditions: **PCI:** 83

Inspection Comments:

Sample Number: 03 **Type:** R **Area:** 4118.00 SqFt **PCI:** 83

Sample Comments:

48	L & T CR	L	84.00	Ft
52	RAVELING	L	10.00	SqFt
57	WEATHERING	L	3903.00	SqFt
57	WEATHERING	M	205.00	SqFt

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