SOUTH CAROLINA AERONAUTICS COMMISSION

STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

DYB - Summerville Airport

2024

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 D5340-23 – "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 Summerville Airport (DYB).

Figure 1 – Airport Layout

System Inventory

The pavements at Summerville Airport (DYB) include approximately 1.0 million square feet of airfield pavements consisting of runways, taxiways, taxilanes, and aprons. Per the guidance in the ASTM D5340-23, 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.

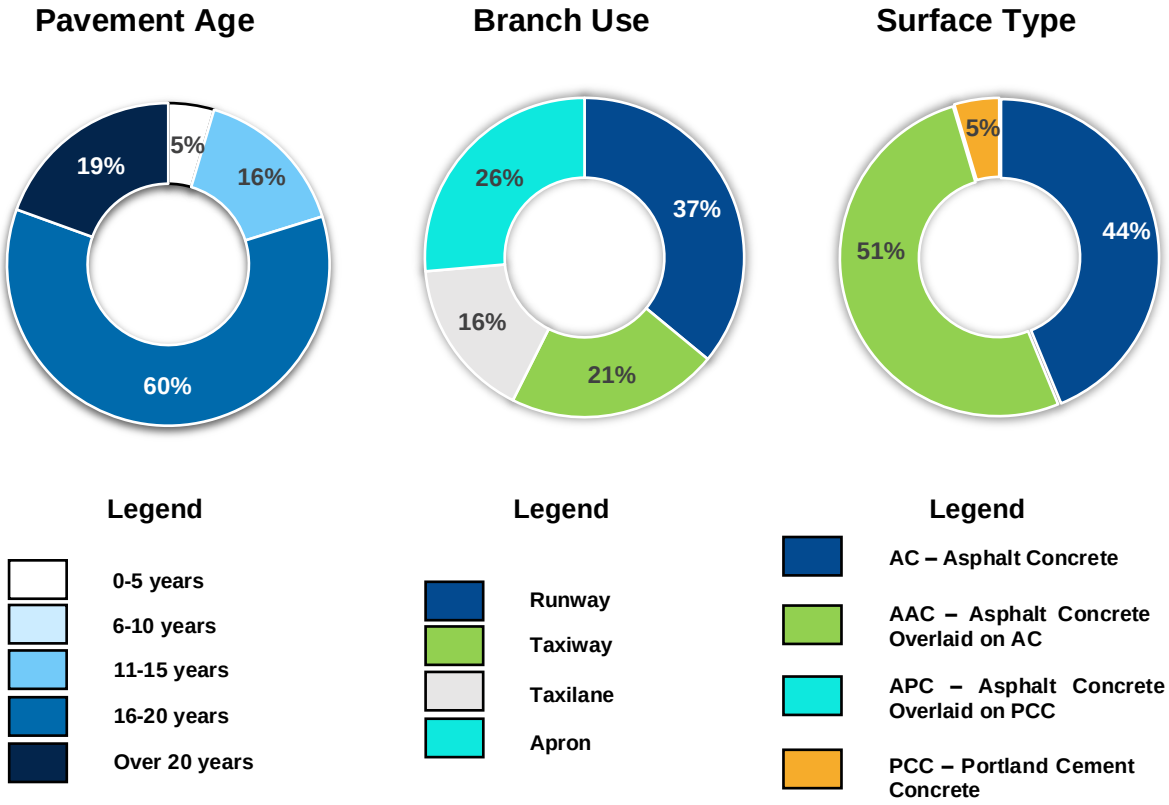
Table 1 - Recent Airfield Pavement Construction

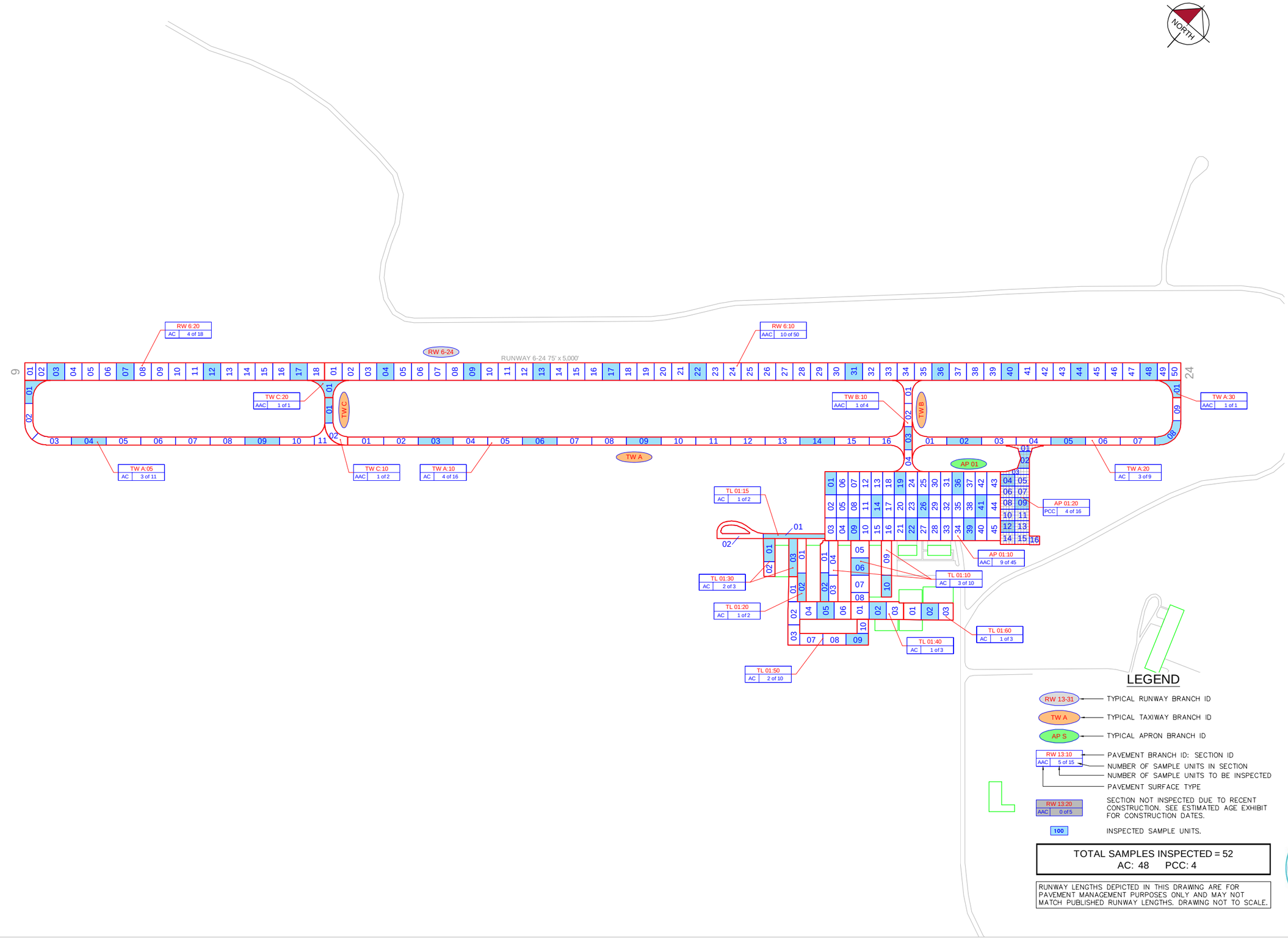
Construction Year	Location	Work Type / Pavement Section
2019	AP 01, RW 6, TL 01, TW A, TW B, TW C	Crack Sealing - AC
2019	RW 6, TL 01, TW A, TW B, TW C	Surface Seal – Rejuvenating
2021	AP 01	New Construction - PCC | 8" P-501, 6" P-209, 24" P-152
2022	AP 01	Surface Seal – Rejuvenating

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

DYB - Summerville Airport

Figure 2 – System Inventory Summary





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STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

SUMMERVILLE AIRPORT (DYB)

AIRFIELD PAVEMENT NETWORK DEFINITION EXHIBIT

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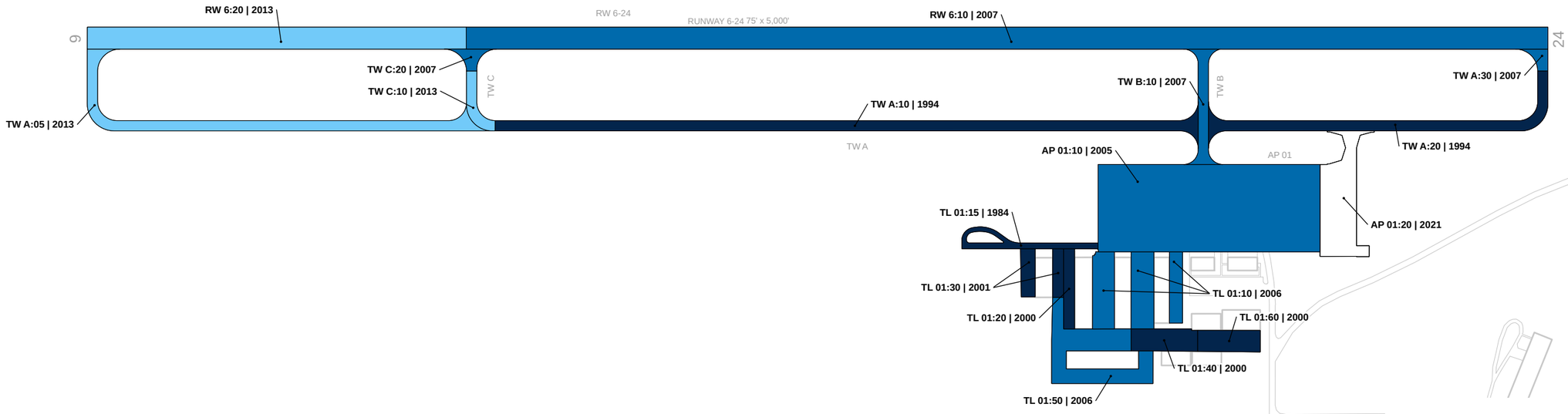

Legend

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

STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

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SUMMERVILLE AIRPORT (DYB)

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 D5340-23.

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

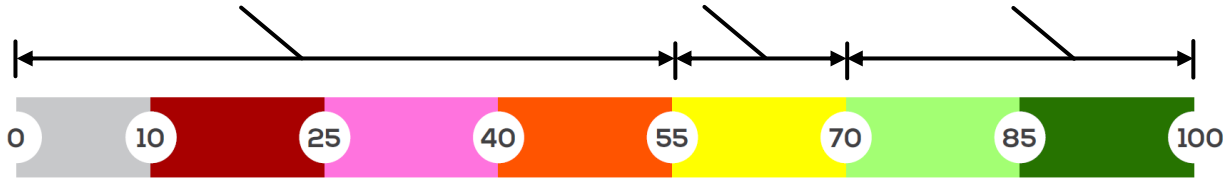
Pavements that are Poor to Failed require significant and costly interventions such as reconstruction to restore the pavement to operational service.

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)

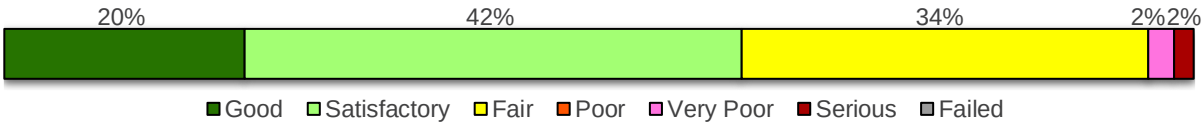
Critical PCI

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

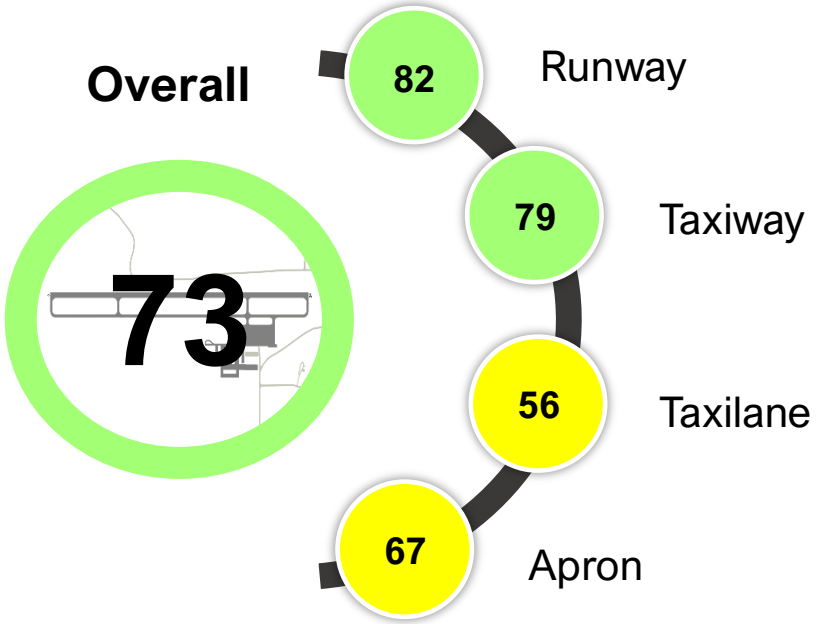
The PCI survey for Summerville Airport (DYB) was performed in October 2023. **The overall area-weighted average PCI value of the network was 73**, representing a condition rating of **Satisfactory**. Approximately 62% of inspected pavements are in Good or Satisfactory condition, 34% of inspected pavements 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

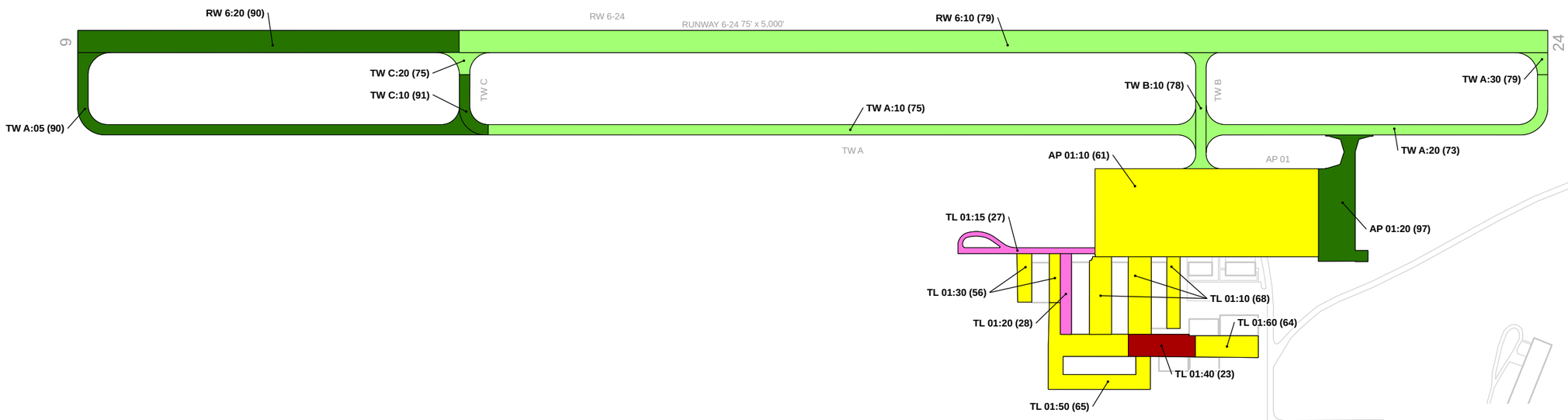


DYB - Summerville Airport

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
DYB	AP 01	Apron	10	227,081	AAC	61	Fair	100	0	0
DYB	AP 01	Apron	20	47,854	PCC	97	Good	0	100	0
DYB	RW 6	Runway	10	277,650	AAC	79	Satisfactory	100	0	0
DYB	RW 6	Runway	20	97,275	AC	90	Good	100	0	0
DYB	TL 01	Taxilane	10	51,256	AC	68	Fair	99	0	1
DYB	TL 01	Taxilane	15	12,369	AC	27	Very Poor	50	50	0
DYB	TL 01	Taxilane	20	10,294	AC	28	Very Poor	34	49	17
DYB	TL 01	Taxilane	30	14,306	AC	56	Fair	67	23	10
DYB	TL 01	Taxilane	40	17,124	AC	23	Serious	44	52	4
DYB	TL 01	Taxilane	50	48,065	AC	65	Fair	100	0	0
DYB	TL 01	Taxilane	60	15,586	AC	64	Fair	100	0	0
DYB	TW A	Taxiway	05	56,874	AC	90	Good	100	0	0
DYB	TW A	Taxiway	10	85,889	AC	75	Satisfactory	100	0	0
DYB	TW A	Taxiway	20	47,370	AC	73	Satisfactory	100	0	0
DYB	TW A	Taxiway	30	3,832	AAC	79	Satisfactory	78	0	22
DYB	TW B	Taxiway	10	15,960	AAC	78	Satisfactory	100	0	0
DYB	TW C	Taxiway	10	8,568	AAC	91	Good	100	0	0
DYB	TW C	Taxiway	20	4,888	AAC	75	Satisfactory	100	0	0

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



STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

SUMMERVILLE AIRPORT (DYB)

2023 PAVEMENT CONDITION INDEX (PCI) EXHIBIT

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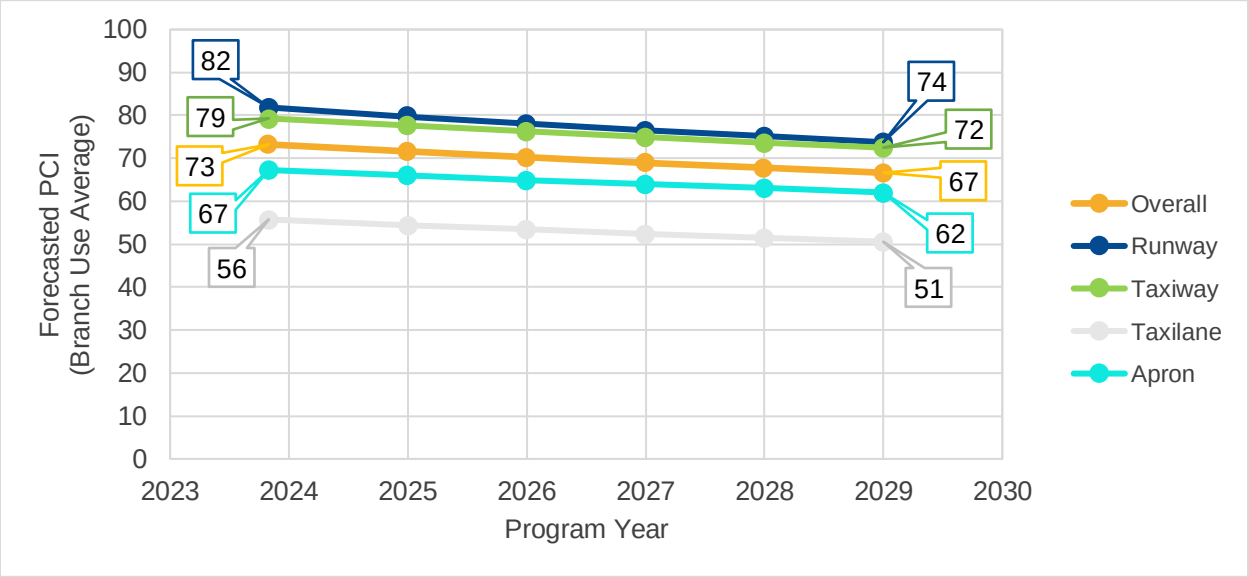
Pavement Condition Forecast

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 **2029 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 DYB.

Figure 6 – Forecasted 5-Year PCI by Branch Use

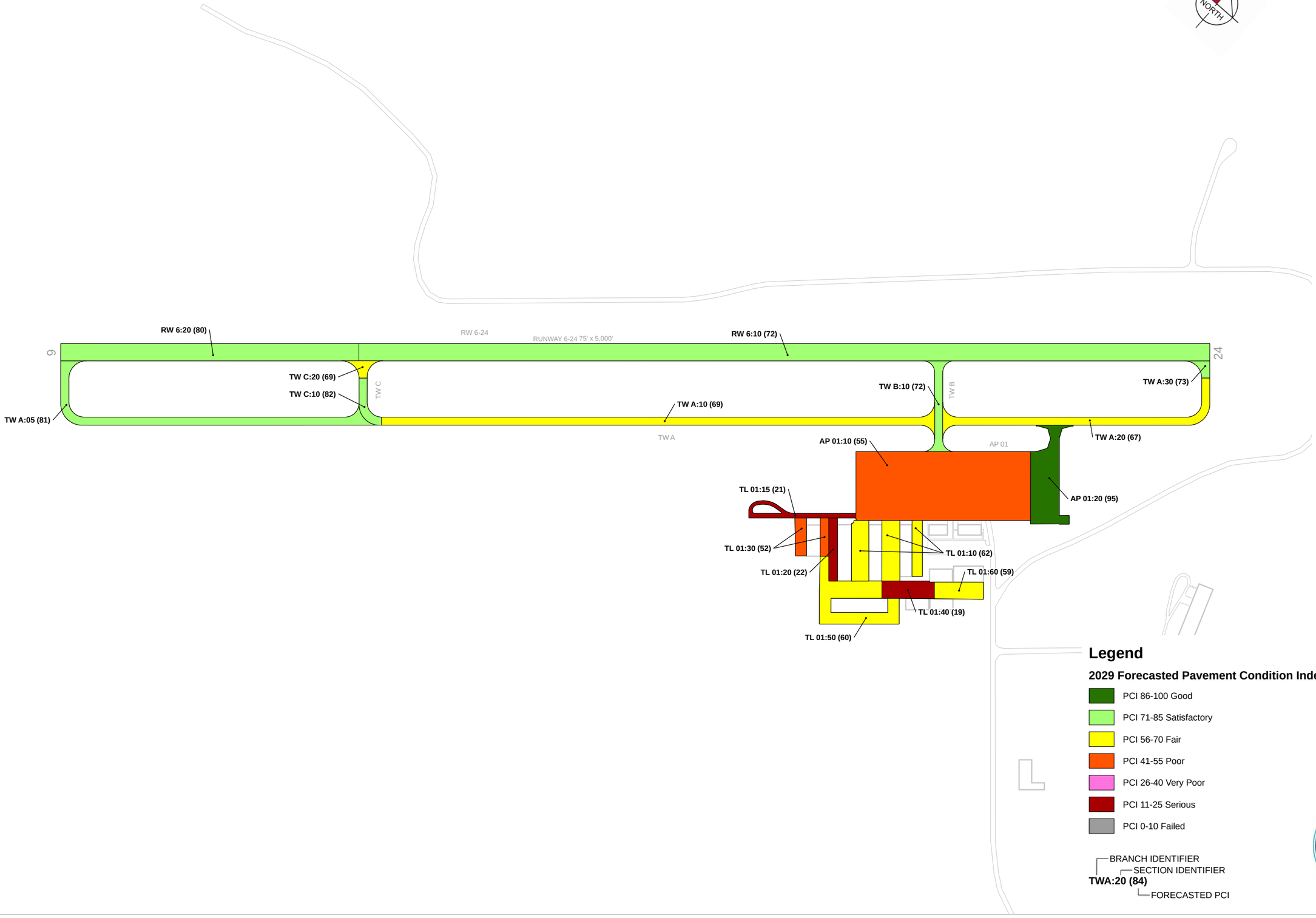


All condition forecasts are based on historical observations and analysis of South Carolina airfield pavements. The forecasts are not a guarantee of future PCI: - rather, they are a planning tool to aid in the timing of maintenance and rehabilitation activities.

DYB - Summerville Airport

Table 3 – Forecast (2025-2029) Section Pavement Condition Index - Section

Network ID	Branch ID	Section ID	Current PCI	Forecasted PCI				
				2025	2026	2027	2028	2029
DYB	AP 01	10	61	60	58	57	56	55
DYB	AP 01	20	97	96	96	96	95	95
DYB	RW 6	10	79	77	76	74	73	72
DYB	RW 6	20	90	87	85	83	81	80
DYB	TL 01	10	68	67	66	65	64	62
DYB	TL 01	15	27	26	24	23	22	21
DYB	TL 01	20	28	27	25	24	23	22
DYB	TL 01	30	56	55	54	53	53	52
DYB	TL 01	40	23	22	21	20	20	19
DYB	TL 01	50	65	64	63	62	61	60
DYB	TL 01	60	64	63	62	61	60	59
DYB	TW A	05	90	88	86	84	83	81
DYB	TW A	10	75	74	72	71	70	69
DYB	TW A	20	73	72	71	69	68	67
DYB	TW A	30	79	77	76	75	74	73
DYB	TW B	10	78	77	75	74	73	72
DYB	TW C	10	91	88	87	85	83	82
DYB	TW C	20	75	74	72	71	70	69



STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

SUMMERVILLE AIRPORT (DYB)

2029 FORECASTED PAVEMENT CONDITION INDEX (PCI) EXHIBIT

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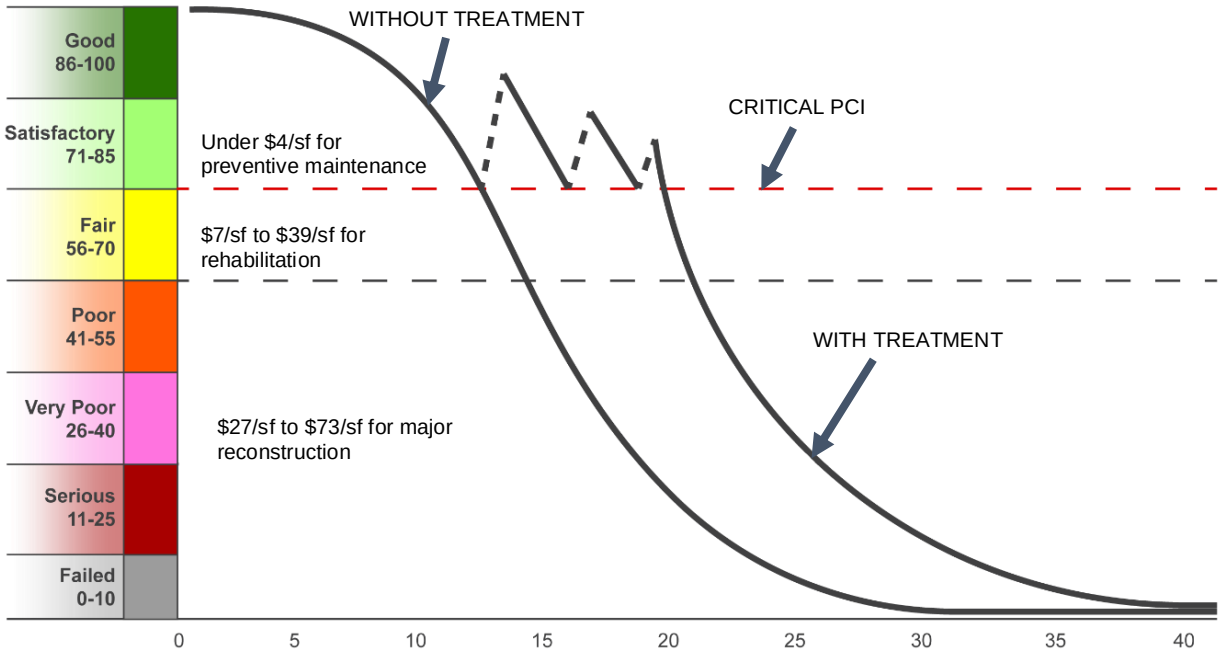
M&R Overview

An analysis was performed to assess the pavement maintenance and rehabilitation (M&R) needs at DYB 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	26,119	LF	$ 111,060
	Surface Seal	5,866	SF	$ 9,700
	AC Partial-Depth Patching	62	SF	$ 1,190
	PCC Crack Seal	46	LF	$ 340
			Localized Preventive Maintenance Total=	$ 122,290
Localized Stopgap Maintenance	AC Crack Sealing Narrow	769	LF	$ 3,300
	Surface Seal	22,829	SF	$ 37,690
	AC Full-Depth Patching	3,334	SF	$ 129,190
			Localized Stopgap Maintenance Total =	$ 170,180
			Planning-Level Localized M&R Needs =	**$ 292,470**

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:

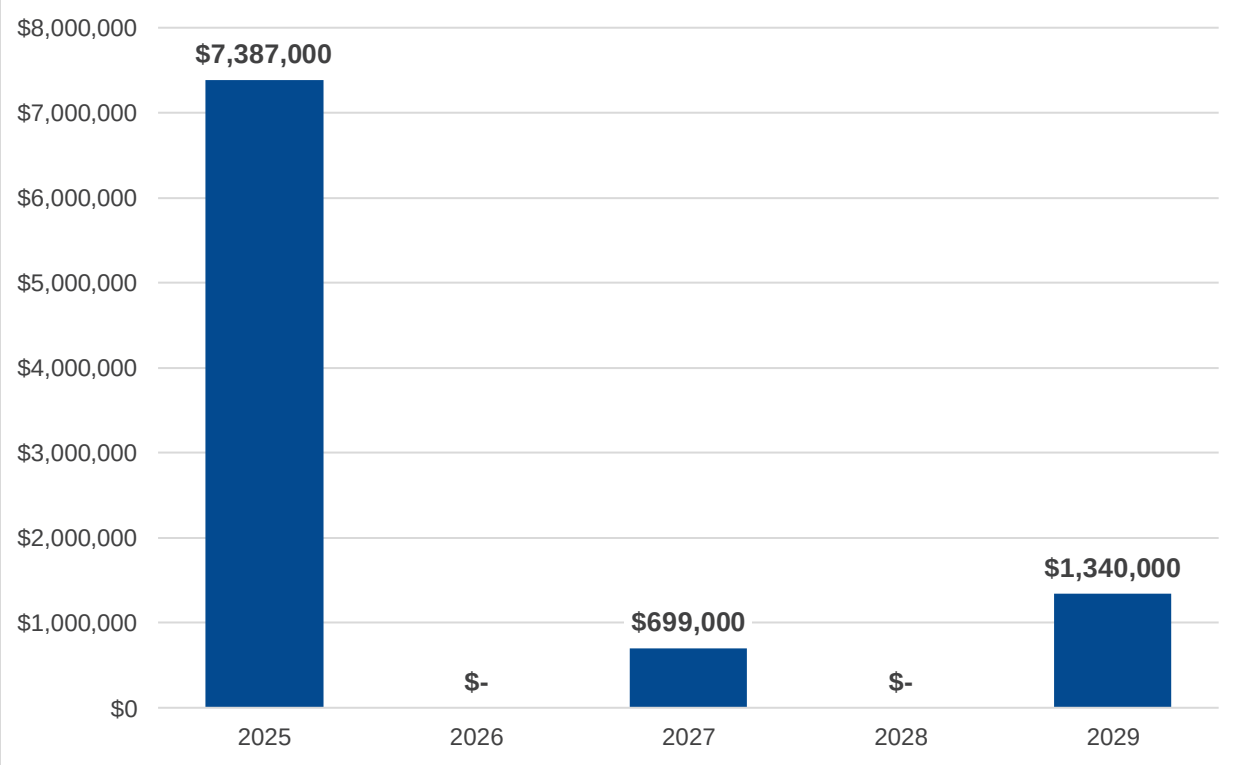
- ***Intermediate Major Rehabilitation (PCI 56 to 70)*** –
  - **AC:** Milling of the upper surface course and replacing with new AC with isolated areas of full-depth reconstruction
  - **PCC:** Combination of crack sealing, joint seal replacement, limited patching, and slab replacement
- ***Full-Depth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

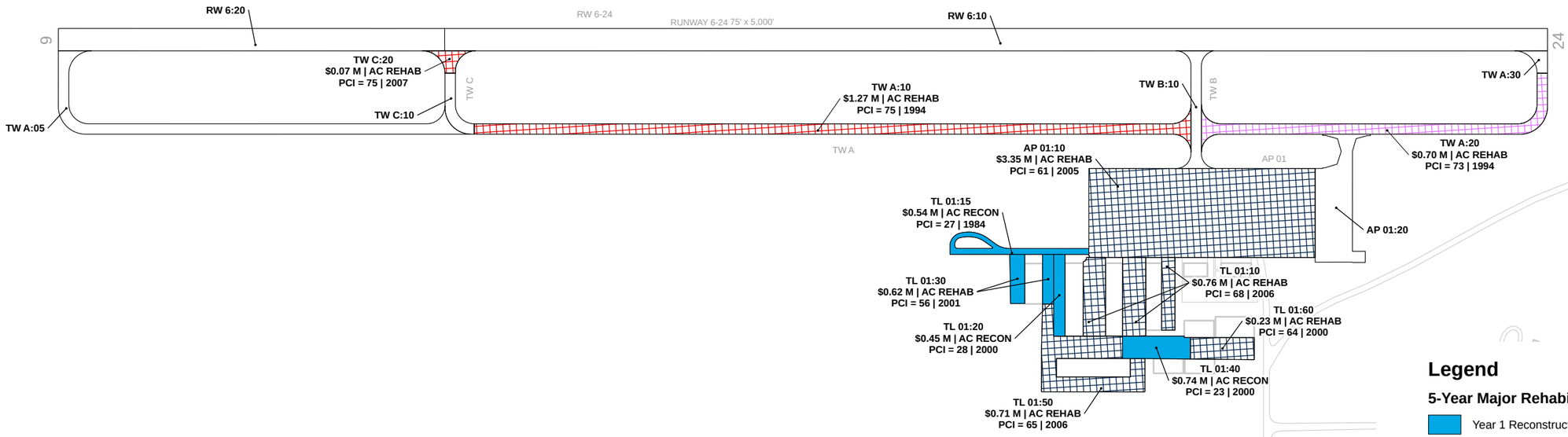
The 5-year major rehabilitation needs analysis at DYB results in a total 5-year cost of $9.43M. The **5-Year Major Rehabilitation Needs Exhibit** graphically depicts the major rehabilitation needs at a section-level which are also summarized in **Table 5** with rounded costs. Annual needs are displayed 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
2025	**DYB**	AP 01	10	AAC	227,081	60	AC Rehabilitation	$ 3,350,000
2025	**DYB**	TL 01	10	AC	51,256	67	AC Rehabilitation	$ 757,000
2025	**DYB**	TL 01	15	AC	12,369	26	AC Reconstruction	$ 535,000
2025	**DYB**	TL 01	20	AC	10,294	27	AC Reconstruction	$ 446,000
2025	**DYB**	TL 01	30	AC	14,306	55	AC Reconstruction	$ 619,000
2025	**DYB**	TL 01	40	AC	17,124	22	AC Reconstruction	$ 741,000
2025	**DYB**	TL 01	50	AC	48,065	64	AC Rehabilitation	$ 709,000
2025	**DYB**	TL 01	60	AC	15,586	63	AC Rehabilitation	$ 230,000
2027	**DYB**	TW A	20	AC	47,370	69	AC Rehabilitation	$ 699,000
2029	**DYB**	TW A	10	AC	85,889	69	AC Rehabilitation	$ 1,267,000
2029	**DYB**	TW C	20	AAC	4,888	69	AC Rehabilitation	$ 73,000
							Total 5-Year Major Rehabilitation Needs =	$ 9,426,000

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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SUMMERVILLE AIRPORT (DYB)

5-YEAR MAJOR REHABILITATION EXHIBIT

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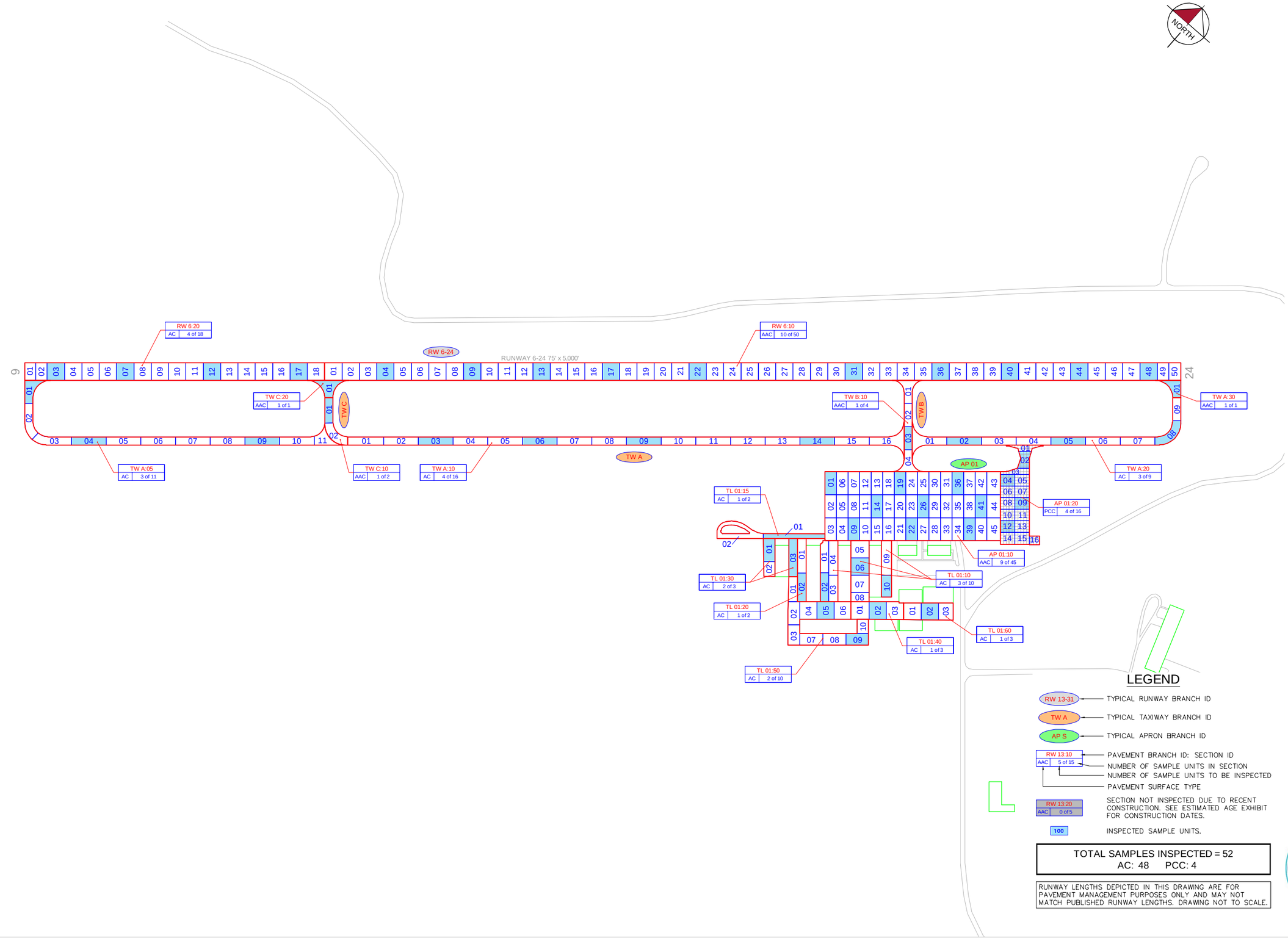
SECTION I

Appendices

Appendix A – Exhibits



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SUMMERVILLE AIRPORT (DYB)

AIRFIELD PAVEMENT NETWORK DEFINITION EXHIBIT

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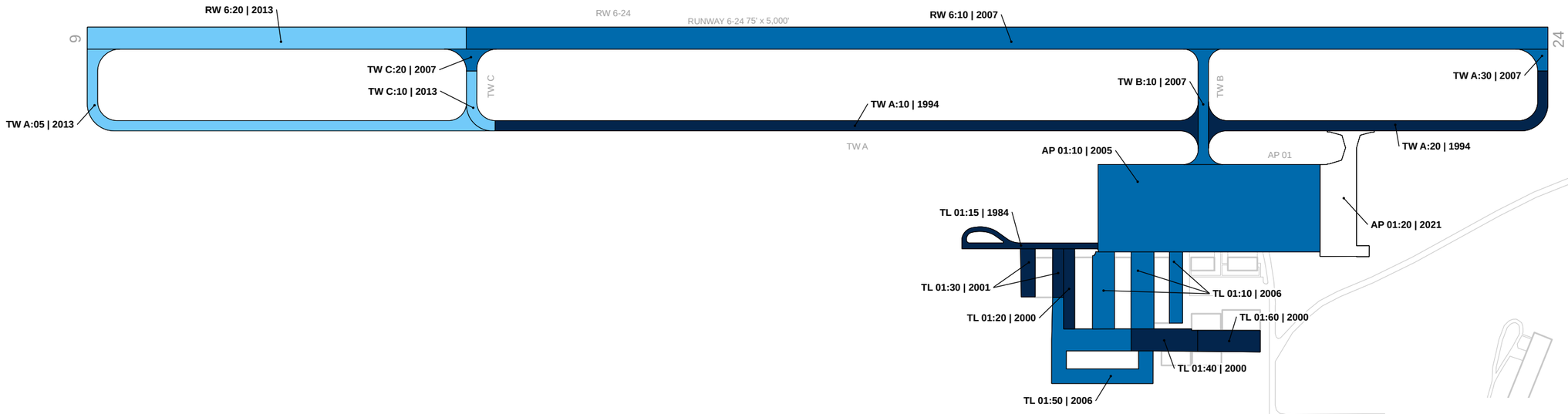

Legend

Estimated Age at Inspection

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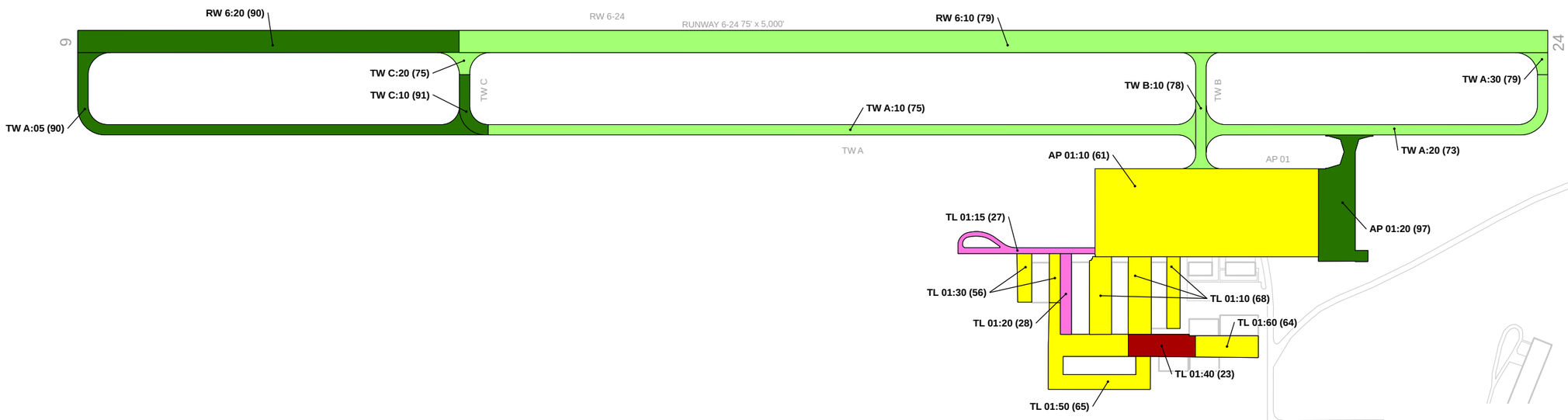

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SUMMERVILLE AIRPORT (DYB)

2023 PAVEMENT CONDITION INDEX (PCI) EXHIBIT

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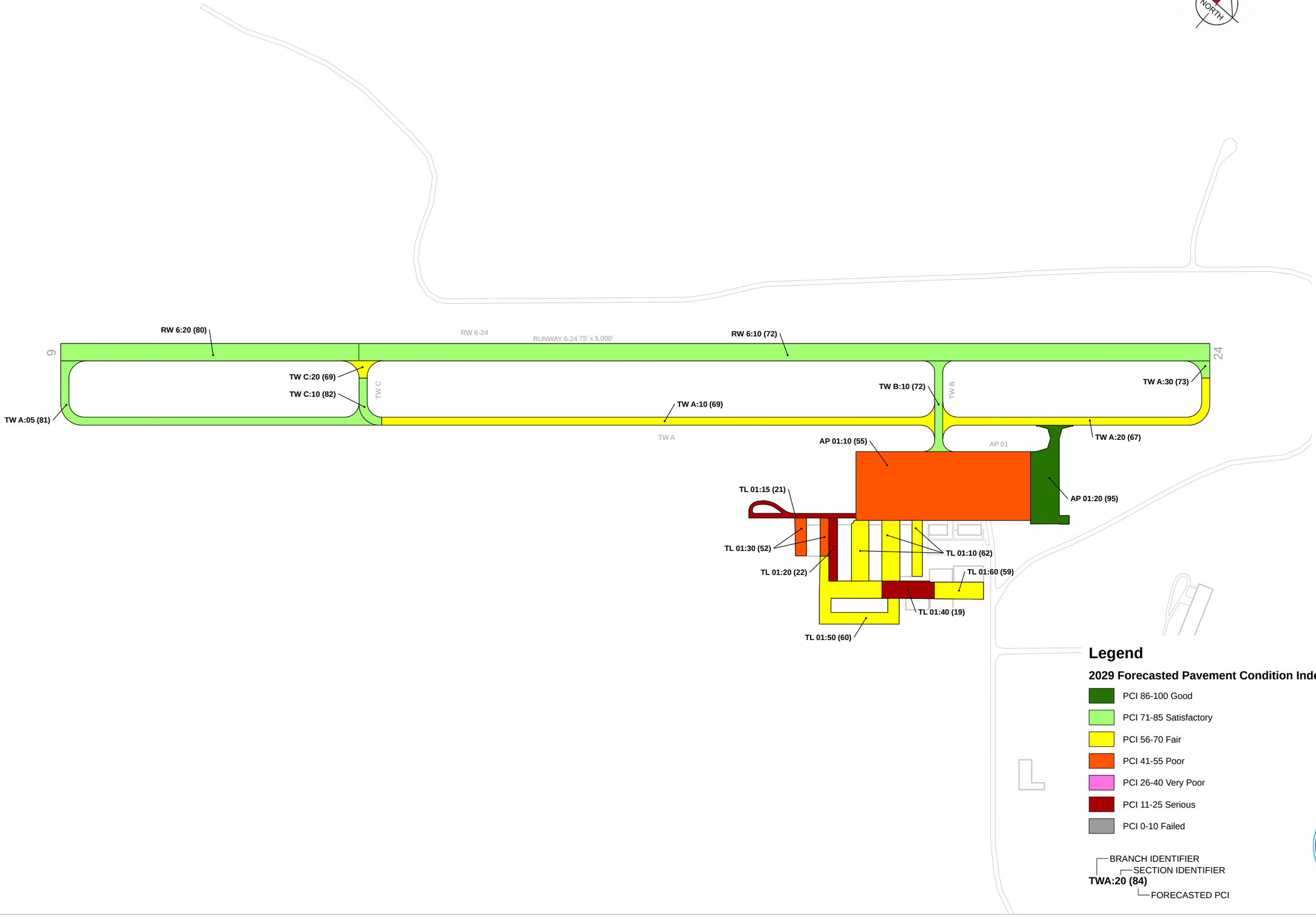

STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

SUMMERVILLE AIRPORT (DYB)

2029 FORECASTED PAVEMENT CONDITION INDEX (PCI) EXHIBIT

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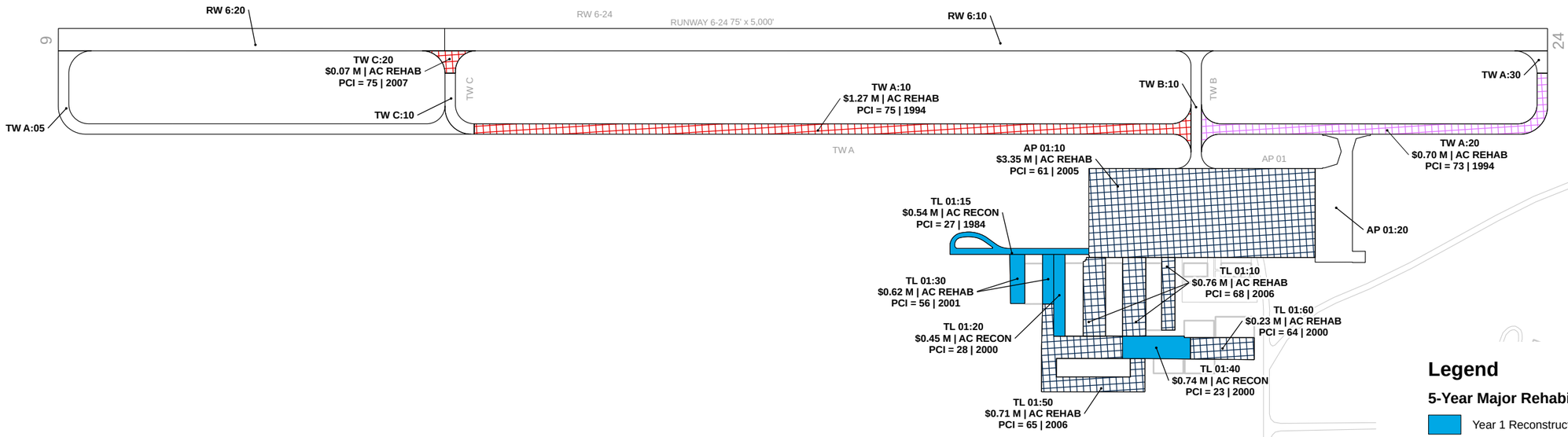

Legend

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
M&R WORK TYPE

TWA:20
$9.38 M | AC RECON
PCI = 52 | 1987

PCI
LAST MAJOR WORK DATE

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STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

SUMMERVILLE AIRPORT (DYB)

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
DYB	AP 01	Apron	10	227,081	AAC	5/1/2005
DYB	AP 01	Apron	20	47,854	PCC	1/1/2021
DYB	RW 6	Runway	10	277,650	AAC	2/1/2007
DYB	RW 6	Runway	20	97,275	AC	1/1/2013
DYB	TL 01	Taxilane	10	51,256	AC	8/1/2006
DYB	TL 01	Taxilane	15	12,369	AC	12/1/1984
DYB	TL 01	Taxilane	20	10,294	AC	6/1/2000
DYB	TL 01	Taxilane	30	14,306	AC	6/1/2001
DYB	TL 01	Taxilane	40	17,124	AC	6/1/2000
DYB	TL 01	Taxilane	50	48,065	AC	8/1/2006
DYB	TL 01	Taxilane	60	15,586	AC	6/1/2000
DYB	TW A	Taxiway	05	56,874	AC	1/1/2013
DYB	TW A	Taxiway	10	85,889	AC	8/1/1994
DYB	TW A	Taxiway	20	47,370	AC	8/1/1994
DYB	TW A	Taxiway	30	3,832	AAC	2/1/2007
DYB	TW B	Taxiway	10	15,960	AAC	2/1/2007
DYB	TW C	Taxiway	10	8,568	AAC	1/1/2013
DYB	TW C	Taxiway	20	4,888	AAC	2/1/2007

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	2	274,935	67	Fair
RW 6	Runway	2	374,925	82	Satisfactory
TL 01	Taxilane	7	169,000	56	Fair
TW A	Taxiway	4	193,965	79	Satisfactory
TW B	Taxiway	1	15,960	78	Satisfactory
TW C	Taxiway	2	13,456	85	Satisfactory

DYB - Summerville 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
DYB	AP 01	Apron	10	227,081	AAC	61	Fair	100	0	0	9	45
DYB	AP 01	Apron	20	47,854	PCC	97	Good	0	100	0	4	16
DYB	RW 6	Runway	10	277,650	AAC	79	Satisfactory	100	0	0	10	50
DYB	RW 6	Runway	20	97,275	AC	90	Good	100	0	0	4	18
DYB	TL 01	Taxilane	10	51,256	AC	68	Fair	99	0	1	3	10
DYB	TL 01	Taxilane	15	12,369	AC	27	Very Poor	50	50	0	1	2
DYB	TL 01	Taxilane	20	10,294	AC	28	Very Poor	34	49	17	1	2
DYB	TL 01	Taxilane	30	14,306	AC	56	Fair	67	23	10	2	3
DYB	TL 01	Taxilane	40	17,124	AC	23	Serious	44	52	4	1	3
DYB	TL 01	Taxilane	50	48,065	AC	65	Fair	100	0	0	2	10
DYB	TL 01	Taxilane	60	15,586	AC	64	Fair	100	0	0	1	3
DYB	TW A	Taxiway	05	56,874	AC	90	Good	100	0	0	3	11
DYB	TW A	Taxiway	10	85,889	AC	75	Satisfactory	100	0	0	4	16
DYB	TW A	Taxiway	20	47,370	AC	73	Satisfactory	100	0	0	3	9
DYB	TW A	Taxiway	30	3,832	AAC	79	Satisfactory	78	0	22	1	1
DYB	TW B	Taxiway	10	15,960	AAC	78	Satisfactory	100	0	0	1	4
DYB	TW C	Taxiway	10	8,568	AAC	91	Good	100	0	0	1	2
DYB	TW C	Taxiway	20	4,888	AAC	75	Satisfactory	100	0	0	1	1

DYB - Summerville Airport

Table B4 –Forecasted (2025-2029) Pavement Condition Index Summary - Section

Network ID	Branch ID	Section ID	Current PCI	Forecasted PCI				
				2025	2026	2027	2028	2029
DYB	AP 01	10	61	60	58	57	56	55
DYB	AP 01	20	97	96	96	96	95	95
DYB	RW 6	10	79	77	76	74	73	72
DYB	RW 6	20	90	87	85	83	81	80
DYB	TL 01	10	68	67	66	65	64	62
DYB	TL 01	15	27	26	24	23	22	21
DYB	TL 01	20	28	27	25	24	23	22
DYB	TL 01	30	56	55	54	53	53	52
DYB	TL 01	40	23	22	21	20	20	19
DYB	TL 01	50	65	64	63	62	61	60
DYB	TL 01	60	64	63	62	61	60	59
DYB	TW A	05	90	88	86	84	83	81
DYB	TW A	10	75	74	72	71	70	69
DYB	TW A	20	73	72	71	69	68	67
DYB	TW A	30	79	77	76	75	74	73
DYB	TW B	10	78	77	75	74	73	72
DYB	TW C	10	91	88	87	85	83	82
DYB	TW C	20	75	74	72	71	70	69

Appendix C – Maintenance and Rehabilitation Tables

DYB - Summerville Airport

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	26,119	LF	$ 111,060
	Surface Seal	5,866	SF	$ 9,700
	AC Partial-Depth Patching	62	SF	$ 1,190
	PCC Crack Seal	46	LF	$ 340
			Localized Preventive Maintenance Total=	$ 122,290
Localized Stopgap Maintenance	AC Crack Sealing Narrow	769	LF	$ 3,300
	Surface Seal	22,829	SF	$ 37,690
	AC Full-Depth Patching	3,334	SF	$ 129,190
			Localized Stopgap Maintenance Total =	$ 170,180
			Planning-Level Localized M&R Needs =	**$ 292,470**

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

Network ID	Branch ID	Section ID	Area (SF)	Start PCI	End PCI	Cost
DYB	AP 01	10	227,081	61	61	$ -
DYB	AP 01	20	47,854	97	99	$ 340
DYB	RW 6	10	277,650	79	80	$ 70,360
DYB	RW 6	20	97,275	90	90	$ 13,050
DYB	TL 01	10	51,256	68	69	$ 60
DYB	TL 01	15	12,369	27	50	$ 41,420
DYB	TL 01	20	10,294	28	56	$ 24,730
DYB	TL 01	30	14,306	56	64	$ 3,310
DYB	TL 01	40	17,124	23	57	$ 100,110
DYB	TL 01	50	48,065	65	67	$ 270
DYB	TL 01	60	15,586	64	68	$ 240
DYB	TW A	05	56,874	90	90	$ 2,510
DYB	TW A	10	85,889	75	79	$ 16,120
DYB	TW A	20	47,370	73	76	$ 12,120
DYB	TW A	30	3,832	79	84	$ 1,320
DYB	TW B	10	15,960	78	79	$ 4,710
DYB	TW C	10	8,568	91	91	$ 230
DYB	TW C	20	4,888	75	83	$ 1,500

DYB - Summerville Airport

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
DYB	AP 01	20	LINEAR CR	Medium	4	Slabs	1.2%	Preventive	PCC Crack Seal	46	LF	$ 7.25	$ 340
DYB	RW 6	10	BLEEDING	N/A	10	SF		Preventive	AC Partial-Depth Patching	10	SF	$ 19.00	$ 190
DYB	RW 6	10	L & T CR	Low	14,423	LF	5.2%	Preventive	AC Crack Sealing Narrow	14,423	LF	$ 4.25	$ 61,300
DYB	RW 6	10	L & T CR	Medium	350	LF	0.1%	Preventive	AC Crack Sealing Narrow	350	LF	$ 4.25	$ 1,490
DYB	RW 6	10	WEATHERING	Medium	4,472	SF	1.6%	Preventive	Surface Seal	4,472	SF	$ 1.65	$ 7,380
DYB	RW 6	20	L & T CR	Low	3,070	LF	3.2%	Preventive	AC Crack Sealing Narrow	3,070	LF	$ 4.25	$ 13,050
DYB	TW A	05	L & T CR	Low	589	LF	1.0%	Preventive	AC Crack Sealing Narrow	589	LF	$ 4.25	$ 2,510
DYB	TW A	10	L & T CR	Low	3,288	LF	3.8%	Preventive	AC Crack Sealing Narrow	3,288	LF	$ 4.25	$ 13,980
DYB	TW A	10	L & T CR	Medium	503	LF	0.6%	Preventive	AC Crack Sealing Narrow	503	LF	$ 4.25	$ 2,140
DYB	TW A	20	L & T CR	Low	2,348	LF	5.0%	Preventive	AC Crack Sealing Narrow	2,347	LF	$ 4.25	$ 9,980
DYB	TW A	20	L & T CR	Medium	502	LF	1.1%	Preventive	AC Crack Sealing Narrow	502	LF	$ 4.25	$ 2,140
DYB	TW A	30	BLEEDING	N/A	34	SF	0.9%	Preventive	AC Partial-Depth Patching	34	SF	$ 19.00	$ 650
DYB	TW A	30	L & T CR	Low	83	LF	2.2%	Preventive	AC Crack Sealing Narrow	83	LF	$ 4.25	$ 360
DYB	TW A	30	WEATHERING	Medium	192	SF	5.0%	Preventive	Surface Seal	192	SF	$ 1.65	$ 320
DYB	TW B	10	BLEEDING	N/A	18	SF	0.1%	Preventive	AC Partial-Depth Patching	18	SF	$ 19.00	$ 350
DYB	TW B	10	L & T CR	Low	716	LF	4.5%	Preventive	AC Crack Sealing Narrow	716	LF	$ 4.25	$ 3,050
DYB	TW B	10	WEATHERING	Medium	798	SF	5.0%	Preventive	Surface Seal	798	SF	$ 1.65	$ 1,320
DYB	TW C	10	L & T CR	Low	53	LF	0.6%	Preventive	AC Crack Sealing Narrow	54	LF	$ 4.25	$ 230
DYB	TW C	20	L & T CR	Low	194	LF	4.0%	Preventive	AC Crack Sealing Narrow	194	LF	$ 4.25	$ 830
DYB	TW C	20	RAVELING	Low	76	SF	1.6%	Preventive	Surface Seal	76	SF	$ 1.65	$ 130
DYB	TW C	20	WEATHERING	Medium	328	SF	6.7%	Preventive	Surface Seal	328	SF	$ 1.65	$ 550
DYB	TL 01	10	L & T CR	Medium	14	LF	0.0%	Stopgap	AC Crack Sealing Narrow	14	LF	$ 4.25	$ 60
DYB	TL 01	15	ALLIGATOR CR	Medium	782	SF	6.3%	Stopgap	AC Full-Depth Patching	899	SF	$ 38.75	$ 34,840
DYB	TL 01	15	BLOCK CR	Medium	1,143	SF	9.2%	Stopgap	AC Crack Sealing Narrow	348	LF	$ 4.25	$ 1,490
DYB	TL 01	15	WEATHERING	Medium	3,092	SF	25.0%	Stopgap	Surface Seal	3,093	SF	$ 1.65	$ 5,110
DYB	TL 01	20	ALLIGATOR CR	Medium	436	SF	4.2%	Stopgap	AC Full-Depth Patching	524	SF	$ 38.75	$ 20,330
DYB	TL 01	20	L & T CR	Medium	37	LF	0.4%	Stopgap	AC Crack Sealing Narrow	37	LF	$ 4.25	$ 160
DYB	TL 01	20	WEATHERING	Medium	2,570	SF	25.0%	Stopgap	Surface Seal	2,570	SF	$ 1.65	$ 4,250
DYB	TL 01	30	ALLIGATOR CR	Medium	43	SF	0.3%	Stopgap	AC Full-Depth Patching	74	SF	$ 38.75	$ 2,870
DYB	TL 01	30	L & T CR	Medium	86	LF	0.6%	Stopgap	AC Crack Sealing Narrow	86	LF	$ 4.25	$ 370
DYB	TL 01	30	RAVELING	Medium	45	SF	0.3%	Stopgap	Surface Seal	45	SF	$ 1.65	$ 80
DYB	TL 01	40	ALLIGATOR CR	Medium	1,668	SF	9.7%	Stopgap	AC Full-Depth Patching	1,836	SF	$ 38.75	$ 71,150
DYB	TL 01	40	L & T CR	Medium	166	LF	1.0%	Stopgap	AC Crack Sealing Narrow	166	LF	$ 4.25	$ 710

DYB - Summerville 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
DYB	TL 01	40	WEATHERING	Medium	17,121	SF	100.0%	Stopgap	Surface Seal	17,121	SF	$ 1.65	$ 28,250
DYB	TL 01	50	L & T CR	Medium	63	LF	0.1%	Stopgap	AC Crack Sealing Narrow	63	LF	$ 4.25	$ 270
DYB	TL 01	60	L & T CR	Medium	54	LF	0.4%	Stopgap	AC Crack Sealing Narrow	54	LF	$ 4.25	$ 240

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
2025	**DYB**	AP 01	10	AAC	227,081	60	AC Rehabilitation	$ 3,350,000
2025	**DYB**	TL 01	10	AC	51,256	67	AC Rehabilitation	$ 757,000
2025	**DYB**	TL 01	15	AC	12,369	26	AC Reconstruction	$ 535,000
2025	**DYB**	TL 01	20	AC	10,294	27	AC Reconstruction	$ 446,000
2025	**DYB**	TL 01	30	AC	14,306	55	AC Reconstruction	$ 619,000
2025	**DYB**	TL 01	40	AC	17,124	22	AC Reconstruction	$ 741,000
2025	**DYB**	TL 01	50	AC	48,065	64	AC Rehabilitation	$ 709,000
2025	**DYB**	TL 01	60	AC	15,586	63	AC Rehabilitation	$ 230,000
2027	**DYB**	TW A	20	AC	47,370	69	AC Rehabilitation	$ 699,000
2029	**DYB**	TW A	10	AC	85,889	69	AC Rehabilitation	$ 1,267,000
2029	**DYB**	TW C	20	AAC	4,888	69	AC Rehabilitation	$ 73,000
							Total 5-Year Major Rehabilitation Needs =	$ 9,426,000

Appendix D – PCI Results Summary

DYB - Summerville Airport

RW 6

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
RW 6	RUNWAY	2	374,925	82	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	277,650	AAC	2007	2019	79	Satisfactory	100	0	0
20	97,275	AC	2013	2019	90	Good	100	0	0

RW 6-10

RW 6-20

DYB - Summerville Airport

TW A

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW A	TAXIWAY	4	193,965	79	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
05	56,874	AC	2013	2019	90	Good	100	0	0
10	85,889	AC	1994	2019	75	Satisfactory	100	0	0
20	47,370	AC	1994	2019	73	Satisfactory	100	0	0
30	3,832	AAC	2007	2019	79	Satisfactory	78	0	22

TW A-05

TW A-10

TW A-20

TW A-30

DYB - Summerville Airport

TW B

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW B	TAXIWAY	1	15,960	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	15,960	AAC	2007	2019	78	Satisfactory	100	0	0

TW B-10

TW C

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW C	TAXIWAY	2	13,456	85	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	8,568	AAC	2013	2019	91	Good	100	0	0
20	4,888	AAC	2007	2019	75	Satisfactory	100	0	0

TW C-10

TW C-20

TL 01

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TL 01	TAXILANE	7	169,000	56	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	51,256	AC	2006	2019	68	Fair	99	0	1
15	12,369	AC	1984	2019	27	Very Poor	50	50	0
20	10,294	AC	2000	2019	28	Very Poor	34	49	17
30	14,306	AC	2001	2019	56	Fair	67	23	10
40	17,124	AC	2000	2019	23	Serious	44	52	4
50	48,065	AC	2006	2019	65	Fair	100	0	0
60	15,586	AC	2000	2019	64	Fair	100	0	0

TL 01-15

TL 01-30

TL 01-40

TL 01-50

DYB - Summerville Airport

AP 01

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
AP 01	APRON	2	274,935	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	227,081	AAC	2005	2022	61	Fair	100	0	0
20	47,854	PCC	2021	-	97	Good	0	100	0

AP 01-10

AP 01-20

Appendix E – Re-Inspection Report

Re-Inspection Report

SCAC_2024
Generated Date 6/17/2024

Network: DYB **Name:** SUMMERVILLE AIRPORT

Branch: AP 01 **Name:** APRON 01 **Use:** APRON **Area:** 274,935 SqFt

Section: 10 of 2 **From:** - **To:** - **Last Const.:** 5/1/2005

Surface: AAC **Family:** 2024_SC II-AP-AC **Zone:** **Category:** G **Rank:** P

Area: 227,081 SqFt **Length:** 760 Ft **Width:** 299 Ft

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

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

Section Comments:

Work Date: 12/1/1986	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 12/1/1986	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 12/1/1986	**Work Type:** Subgrade - Stabilized	**Code:** SG-ST	**Is Major M&R:** False
Work Date: 12/1/1986	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 12/1/1993	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False
Work Date: 5/1/2005	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 6/1/2009	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**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: 7/1/2022	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False

Last Insp. Date: 10/23/2023 **TotalSamples:** 45 **Surveyed:** 9

Conditions: **PCI:** 61

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5000.00 SqFt **PCI:** 59

Sample Comments:

43	BLOCK CR	L	5000.00	SqFt
52	RAVELING	L	750.00	SqFt

Sample Number: 09 **Type:** R **Area:** 4950.00 SqFt **PCI:** 59

Sample Comments:

43	BLOCK CR	L	4950.00	SqFt
52	RAVELING	L	1238.00	SqFt

Sample Number: 14 **Type:** R **Area:** 5000.00 SqFt **PCI:** 59

Sample Comments:

43	BLOCK CR	L	5000.00	SqFt
52	RAVELING	L	750.00	SqFt

Sample Number: 19 **Type:** R **Area:** 5000.00 SqFt **PCI:** 59

Sample Comments:

43	BLOCK CR	L	5000.00	SqFt
52	RAVELING	L	500.00	SqFt

Sample Number: 22 **Type:** R **Area:** 4950.00 SqFt **PCI:** 64

Sample Comments:

43	BLOCK CR	L	4950.00	SqFt

Sample Number: 26 **Type:** R **Area:** 5000.00 SqFt **PCI:** 59

Sample Comments:

43	BLOCK CR	L	5000.00	SqFt
52	RAVELING	L	500.00	SqFt

Sample Number: 36 **Type:** R **Area:** 5000.00 SqFt **PCI:** 59

Sample Comments:

43	BLOCK CR	L	5000.00	SqFt
52	RAVELING	L	1250.00	SqFt

Sample Number: 39 **Type:** R **Area:** 4950.00 SqFt **PCI:** 64

Sample Comments:

43	BLOCK CR	L	4950.00	SqFt

Sample Number: 41 **Type:** R **Area:** 5000.00 SqFt **PCI:** 59

Sample Comments:

43	BLOCK CR	L	5000.00	SqFt
52	RAVELING	L	500.00	SqFt

Network: DYB **Name:** SUMMERVILLE AIRPORT

Branch: AP 01 **Name:** APRON 01 **Use:** APRON **Area:** 274,935 SqFt

Section: 20 of 2 **From:** - **To:** - **Last Const.:** 1/1/2021

Surface: PCC **Family:** 2024_SC II III IV-PCC **Zone:** **Category:** **Rank:** P

Area: 47,854 SqFt **Length:** 427 Ft **Width:** 125 Ft

Slabs: 306 **Slab Length:** 12 Ft **Slab Width:** 12 Ft **Joint Length:** 7,988 Ft

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

Section Comments:

Work Date: 1/1/2021	**Work Type:** New Construction - PCC	**Code:** NC-PC	**Is Major M&R:** True
Work Date: 1/2/2021	**Work Type:** Surface Course - PCC (Layer Construct)	**Code:** SU-PC	**Is Major M&R:** False
Work Date: 1/3/2021	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False

Last Insp. Date: 10/23/2023 **TotalSamples:** 16 **Surveyed:** 4

Conditions: **PCI:** 97

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 23.00 Slabs **PCI:** 90

Sample Comments:

63	LINEAR CR	M	1.00	Slabs

Sample Number: 04 **Type:** R **Area:** 20.00 Slabs **PCI:** 100

Sample Comments:

<No Distress>

Sample Number: 09 **Type:** R **Area:** 20.00 Slabs **PCI:** 100

Sample Comments:

<No Distress>

Sample Number: 12 **Type:** R **Area:** 20.00 Slabs **PCI:** 100

Sample Comments:

<No Distress>

Network: DYB **Name:** SUMMERVILLE AIRPORT

Branch: RW 6 **Name:** RUNWAY 6-24 **Use:** RUNWAY **Area:** 374,925 SqFt

Section: 10 of 2 **From:** - **To:** - **Last Const.:** 2/1/2007

Surface: AAC **Family:** 2024_SC II-RW-AC **Zone:** **Category:** G **Rank:** P

Area: 277,650 SqFt **Length:** 3,750 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: 12/1/1986	**Work Type:** Subgrade - Stabilized	**Code:** SG-ST	**Is Major M&R:** False
Work Date: 12/1/1986	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 12/1/1986	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 12/1/1986	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 12/1/1993	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 2/1/2007	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 6/1/2009	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**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 Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False

Last Insp. Date: 10/23/2023 **TotalSamples:** 50 **Surveyed:** 10

Conditions: **PCI:** 79

Inspection Comments:

Sample Number: 04 **Type:** R **Area:** 5625.00 SqFt **PCI:** 78

Sample Comments:

48	L & T CR	L	240.00	Ft
57	WEATHERING	L	2600.00	SqFt
57	WEATHERING	M	425.00	SqFt

Sample Number: 09 **Type:** R **Area:** 5625.00 SqFt **PCI:** 77

Sample Comments:

48	L & T CR	L	274.00	Ft
57	WEATHERING	L	2625.00	SqFt
57	WEATHERING	M	375.00	SqFt

Sample Number: 13 **Type:** R **Area:** 5625.00 SqFt **PCI:** 78

Sample Comments:

42	BLEEDING	N	2.00	SqFt
48	L & T CR	L	276.00	Ft
57	WEATHERING	L	2760.00	SqFt
57	WEATHERING	M	106.00	SqFt

Sample Number: 17 **Type:** R **Area:** 5625.00 SqFt **PCI:** 76

Sample Comments:

48	L & T CR	L	269.00	Ft
48	L & T CR	M	29.00	Ft
57	WEATHERING	L	2812.00	SqFt

Sample Number: 22 **Type:** R **Area:** 5625.00 SqFt **PCI:** 85

Sample Comments:

48	L & T CR	L	177.00	Ft
57	WEATHERING	L	2812.00	SqFt

Sample Number: 31 **Type:** R **Area:** 5625.00 SqFt **PCI:** 80

Sample Comments:

48	L & T CR	L	280.00	Ft
57	WEATHERING	L	2812.00	SqFt

Sample Number: 36 **Type:** R **Area:** 5625.00 SqFt **PCI:** 70

Sample Comments:

48	L & T CR	L	447.00	Ft
48	L & T CR	M	42.00	Ft
57	WEATHERING	L	2812.00	SqFt

Sample Number: 40 **Type:** R **Area:** 5625.00 SqFt **PCI:** 86

Sample Comments:

48	L & T CR	L	153.00	Ft
57	WEATHERING	L	2812.00	SqFt

Sample Number: 44 **Type:** R **Area:** 5625.00 SqFt **PCI:** 85

Sample Comments:

48	L & T CR	L	167.00	Ft
57	WEATHERING	L	2812.00	SqFt

Sample Number: 48 **Type:** R **Area:** 5625.00 SqFt **PCI:** 70

Sample Comments:

48	L & T CR	L	639.00	Ft
57	WEATHERING	L	2812.00	SqFt

Network: DYB **Name:** SUMMERVILLE AIRPORT

Branch: RW 6 **Name:** RUNWAY 6-24 **Use:** RUNWAY **Area:** 374,925 SqFt

Section: 20 of 2 **From:** - **To:** - **Last Const.:** 1/1/2013

Surface: AC **Family:** 2024_SC II-RW-AC **Zone:** **Category:** **Rank:** P

Area: 97,275 SqFt **Length:** 1,297 Ft **Width:** 75 Ft

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

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

Section Comments:

Work Date: 1/1/2013	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 1/2/2013	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 1/3/2013	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 1/1/2019	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False

Last Insp. Date: 10/23/2023 **TotalSamples:** 18 **Surveyed:** 4

Conditions: **PCI:** 90

Inspection Comments:

Sample Number: 03 **Type:** R **Area:** 5625.00 SqFt **PCI:** 95

Sample Comments:

48 L & T CR L 62.00 Ft

Sample Number: 07 **Type:** R **Area:** 5625.00 SqFt **PCI:** 91

Sample Comments:

48 L & T CR L 147.00 Ft

Sample Number: 12 **Type:** R **Area:** 5625.00 SqFt **PCI:** 90

Sample Comments:

48 L & T CR L 172.00 Ft

Sample Number: 17 **Type:** R **Area:** 5625.00 SqFt **PCI:** 83

Sample Comments:

48 L & T CR L 329.00 Ft

Network: DYB **Name:** SUMMERVILLE AIRPORT

Branch: TL 01 **Name:** TAXILANE 01 **Use:** TAXILANE **Area:** 169,000 SqFt

Section: 10 of 7 **From:** - **To:** - **Last Const.:** 8/1/2006

Surface: AC **Family:** 2024_SC II-TW TL-AC **Zone:** **Category:** G **Rank:** T

Area: 51,256 SqFt **Length:** 775 Ft **Width:** 72 Ft

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

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

Section Comments:

Work Date: 12/1/1984	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 12/1/1984	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 12/1/1992	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False
Work Date: 8/1/2006	**Work Type:** Reconstruction - AC	**Code:** RC-AC	**Is Major M&R:** True
Work Date: 6/1/2009	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False
Work Date: 1/1/2019	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**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: 10/23/2023 **TotalSamples:** 10 **Surveyed:** 3

Conditions: **PCI:** 68

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 4428.00 SqFt **PCI:** 67

Sample Comments:

42	BLEEDING	N	22.00	SqFt
48	L & T CR	L	381.00	Ft
48	L & T CR	M	4.00	Ft
57	WEATHERING	L	4428.00	SqFt

Sample Number: 06 **Type:** R **Area:** 5852.00 SqFt **PCI:** 64

Sample Comments:

48	L & T CR	L	720.00	Ft
50	PATCHING	L	175.00	SqFt
57	WEATHERING	L	5677.00	SqFt

Sample Number: 10 **Type:** R **Area:** 4274.00 SqFt **PCI:** 76

Sample Comments:

48	L & T CR	L	314.00	Ft
57	WEATHERING	L	4274.00	SqFt

Network: DYB **Name:** SUMMERVILLE AIRPORT

Branch: TL 01 **Name:** TAXILANE 01 **Use:** TAXILANE **Area:** 169,000 SqFt

Section: 15 of 7 **From:** - **To:** - **Last Const.:** 12/1/1984

Surface: AC **Family:** 2024_SC II-TW TL-AC **Zone:** **Category:** G **Rank:** T

Area: 12,369 SqFt **Length:** 530 Ft **Width:** 20 Ft

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

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

Section Comments:

Work Date: 12/1/1984	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 12/1/1984	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 12/1/1992	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False
Work Date: 6/1/2009	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**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 Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False

Last Insp. Date: 10/23/2023 **TotalSamples:** 2 **Surveyed:** 1

Conditions: **PCI:** 27

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5312.00 SqFt **PCI:** 27

Sample Comments:

41	ALLIGATOR CR	L	66.00	SqFt
41	ALLIGATOR CR	M	336.00	SqFt
43	BLOCK CR	L	4419.00	SqFt
43	BLOCK CR	M	491.00	SqFt
57	WEATHERING	L	3984.00	SqFt
57	WEATHERING	M	1328.00	SqFt

Network: DYB **Name:** SUMMERVILLE AIRPORT

Branch: TL 01 **Name:** TAXILANE 01 **Use:** TAXILANE **Area:** 169,000 SqFt

Section: 20 of 7 **From:** - **To:** - **Last Const.:** 6/1/2000

Surface: AC **Family:** 2024_SC II-TW TL-AC **Zone:** **Category:** G **Rank:** T

Area: 10,294 SqFt **Length:** 270 Ft **Width:** 32 Ft

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

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

Section Comments:

Work Date: 6/1/2000	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 6/1/2000	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 6/1/2009	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**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 Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False

Last Insp. Date: 10/23/2023 **TotalSamples:** 2 **Surveyed:** 1

Conditions: **PCI:** 28

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 4670.00 SqFt **PCI:** 28

Sample Comments:

41	ALLIGATOR CR	L	38.00	SqFt
41	ALLIGATOR CR	M	198.00	SqFt
45	DEPRESSION	L	318.00	SqFt
48	L & T CR	L	358.00	Ft
48	L & T CR	M	17.00	Ft
50	PATCHING	L	5.00	SqFt
57	WEATHERING	L	3499.00	SqFt
57	WEATHERING	M	1166.00	SqFt

Network: DYB **Name:** SUMMERVILLE AIRPORT

Branch: TL 01 **Name:** TAXILANE 01 **Use:** TAXILANE **Area:** 169,000 SqFt

Section: 30 of 7 **From:** - **To:** - **Last Const.:** 6/1/2001

Surface: AC **Family:** 2024_SC II-TW TL-AC **Zone:** **Category:** G **Rank:** T

Area: 14,306 SqFt **Length:** 336 Ft **Width:** 40 Ft

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

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

Section Comments:

Work Date: 6/1/2001	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 6/1/2001	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 6/1/2009	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**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 Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False

Last Insp. Date: 10/23/2023 **TotalSamples:** 3 **Surveyed:** 2

Conditions: **PCI:** 56

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4933.00 SqFt **PCI:** 49

Sample Comments:

41	ALLIGATOR CR	M	34.00	SqFt
48	L & T CR	L	594.00	Ft
48	L & T CR	M	25.00	Ft
50	PATCHING	M	58.00	SqFt
52	RAVELING	M	35.00	SqFt
57	WEATHERING	L	4840.00	SqFt

Sample Number: 03 **Type:** R **Area:** 6248.00 SqFt **PCI:** 61

Sample Comments:

45	DEPRESSION	L	115.00	SqFt
48	L & T CR	L	514.00	Ft
48	L & T CR	M	42.00	Ft
50	PATCHING	L	20.00	SqFt
56	SWELLING	L	5.00	SqFt
57	WEATHERING	L	6228.00	SqFt

Network: DYB **Name:** SUMMERVILLE AIRPORT

Branch: TL 01 **Name:** TAXILANE 01 **Use:** TAXILANE **Area:** 169,000 SqFt

Section: 40 of 7 **From:** - **To:** - **Last Const.:** 6/1/2000

Surface: AC **Family:** 2024_SC II-TW TL-AC **Zone:** **Category:** G **Rank:** T

Area: 17,124 SqFt **Length:** 228 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: 6/1/2000	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 6/1/2000	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 6/1/2009	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False
Work Date: 1/1/2019	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**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: 10/23/2023 **TotalSamples:** 3 **Surveyed:** 1

Conditions: **PCI:** 23

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 5658.00 SqFt **PCI:** 23

Sample Comments:

41	ALLIGATOR CR	L	46.00	SqFt
41	ALLIGATOR CR	M	551.00	SqFt
43	BLOCK CR	L	88.00	SqFt
45	DEPRESSION	L	48.00	SqFt
48	L & T CR	L	499.00	Ft
48	L & T CR	M	55.00	Ft
50	PATCHING	L	1.00	SqFt
57	WEATHERING	M	5657.00	SqFt

Network: DYB **Name:** SUMMERVILLE AIRPORT

Branch: TL 01 **Name:** TAXILANE 01 **Use:** TAXILANE **Area:** 169,000 SqFt

Section: 50 of 7 **From:** - **To:** - **Last Const.:** 8/1/2006

Surface: AC **Family:** 2024_SC II-TW TL-AC **Zone:** **Category:** **Rank:** T

Area: 48,065 SqFt **Length:** 675 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: 8/1/2006	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/2/2006	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 8/3/2006	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 6/1/2009	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**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: 1/2/2019	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False

Last Insp. Date: 10/23/2023 **TotalSamples:** 10 **Surveyed:** 2

Conditions: **PCI:** 65

Inspection Comments:

Sample Number: 05 **Type:** R **Area:** 5624.00 SqFt **PCI:** 60

Sample Comments:

43	BLOCK CR	L	286.00	SqFt
48	L & T CR	L	659.00	Ft
48	L & T CR	M	14.00	Ft
57	WEATHERING	L	5624.00	SqFt

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

Sample Comments:

48	L & T CR	L	528.00	Ft
57	WEATHERING	L	5000.00	SqFt

Network: DYB **Name:** SUMMERVILLE AIRPORT

Branch: TL 01 **Name:** TAXILANE 01 **Use:** TAXILANE **Area:** 169,000 SqFt

Section: 60 of 7 **From:** - **To:** - **Last Const.:** 6/1/2000

Surface: AC **Family:** 2024_SC II-TW TL-AC **Zone:** **Category:** G **Rank:** T

Area: 15,586 SqFt **Length:** 214 Ft **Width:** 68 Ft

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

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

Section Comments:

Work Date: 6/1/2000	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 6/1/2000	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 6/1/2009	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**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 Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False

Last Insp. Date: 10/23/2023 **TotalSamples:** 3 **Surveyed:** 1

Conditions: **PCI:** 64

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 5467.00 SqFt **PCI:** 64

Sample Comments:

48	L & T CR	L	689.00	Ft
48	L & T CR	M	19.00	Ft
57	WEATHERING	L	5467.00	SqFt

Network: DYB **Name:** SUMMERVILLE AIRPORT

Branch: TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 193,965 SqFt

Section: 05 of 4 **From:** - **To:** - **Last Const.:** 1/1/2013

Surface: AC **Family:** 2024_SC II-TW TL-AC **Zone:** **Category:** **Rank:** P

Area: 56,874 SqFt **Length:** 1,650 Ft **Width:** 35 Ft

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

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

Section Comments:

Work Date: 1/1/2013	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 1/2/2013	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 1/3/2013	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 1/1/2019	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False

Last Insp. Date: 10/23/2023 **TotalSamples:** 11 **Surveyed:** 3

Conditions: **PCI:** 90

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4762.00 SqFt **PCI:** 90

Sample Comments:

48	L & T CR	L	53.00	Ft
57	WEATHERING	L	2381.00	SqFt

Sample Number: 04 **Type:** R **Area:** 5250.00 SqFt **PCI:** 91

Sample Comments:

48	L & T CR	L	44.00	Ft
57	WEATHERING	L	2625.00	SqFt

Sample Number: 09 **Type:** R **Area:** 5250.00 SqFt **PCI:** 90

Sample Comments:

48	L & T CR	L	61.00	Ft
57	WEATHERING	L	2625.00	SqFt

Network: DYB **Name:** SUMMERVILLE AIRPORT

Branch: TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 193,965 SqFt

Section: 10 of 4 **From:** - **To:** - **Last Const.:** 8/1/1994

Surface: AC **Family:** 2024_SC II-TW TL-AC **Zone:** **Category:** G **Rank:** P

Area: 85,889 SqFt **Length:** 1,650 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: 8/1/1994	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 8/1/1994	**Work Type:** Subgrade - Stabilized	**Code:** SG-ST	**Is Major M&R:** False
Work Date: 8/1/1994	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/1994	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 6/1/2009	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False
Work Date: 1/1/2019	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**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: 10/23/2023 **TotalSamples:** 16 **Surveyed:** 4

Conditions: **PCI:** 75

Inspection Comments:

Sample Number: 03 **Type:** R **Area:** 5250.00 SqFt **PCI:** 75

Sample Comments:

48	L & T CR	L	188.00	Ft
48	L & T CR	M	33.00	Ft
50	PATCHING	L	58.00	SqFt
57	WEATHERING	L	2596.00	SqFt

Sample Number: 06 **Type:** R **Area:** 5250.00 SqFt **PCI:** 78

Sample Comments:

48	L & T CR	L	207.00	Ft
48	L & T CR	M	30.00	Ft
57	WEATHERING	L	2625.00	SqFt

Sample Number: 09 **Type:** R **Area:** 5250.00 SqFt **PCI:** 74

Sample Comments:

48	L & T CR	L	183.00	Ft
48	L & T CR	M	31.00	Ft
50	PATCHING	L	78.00	SqFt
57	WEATHERING	L	2588.00	SqFt

Sample Number: 14 **Type:** R **Area:** 5250.00 SqFt **PCI:** 74

Sample Comments:

48	L & T CR	L	226.00	Ft
48	L & T CR	M	29.00	Ft
50	PATCHING	L	28.00	SqFt
57	WEATHERING	L	2611.00	SqFt

Network: DYB **Name:** SUMMERVILLE AIRPORT

Branch: TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 193,965 SqFt

Section: 20 of 4 **From:** - **To:** - **Last Const.:** 8/1/1994

Surface: AC **Family:** 2024_SC II-TW TL-AC **Zone:** **Category:** G **Rank:** P

Area: 47,370 SqFt **Length:** 1,350 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: 8/1/1994	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/1/1994	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 8/1/1994	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/1994	**Work Type:** Subgrade - Stabilized	**Code:** SG-ST	**Is Major M&R:** False
Work Date: 6/1/2009	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False
Work Date: 1/1/2019	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**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: 10/23/2023 **TotalSamples:** 9 **Surveyed:** 3

Conditions: **PCI:** 73

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 5250.00 SqFt **PCI:** 73

Sample Comments:

48	L & T CR	L	260.00	Ft
48	L & T CR	M	10.00	Ft
50	PATCHING	L	36.00	SqFt
57	WEATHERING	L	2607.00	SqFt

Sample Number: 05 **Type:** R **Area:** 5250.00 SqFt **PCI:** 78

Sample Comments:

48	L & T CR	L	197.00	Ft
48	L & T CR	M	64.00	Ft
57	WEATHERING	L	2625.00	SqFt

Sample Number: 08 **Type:** R **Area:** 5441.00 SqFt **PCI:** 68

Sample Comments:

48	L & T CR	L	333.00	Ft
48	L & T CR	M	95.00	Ft
50	PATCHING	L	132.00	SqFt
57	WEATHERING	L	2655.00	SqFt

Network: DYB **Name:** SUMMERVILLE AIRPORT

Branch: TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 193,965 SqFt

Section: 30 of 4 **From:** - **To:** - **Last Const.:** 2/1/2007

Surface: AAC **Family:** 2024_SC II-TW TL-AC **Zone:** **Category:** G **Rank:** P

Area: 3,832 SqFt **Length:** 75 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: 8/1/1994	**Work Type:** Subgrade - Stabilized	**Code:** SG-ST	**Is Major M&R:** False
Work Date: 8/1/1994	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/1994	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 8/1/1994	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 2/1/2007	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 1/1/2019	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**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: 10/23/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 79

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3832.00 SqFt **PCI:** 79

Sample Comments:

42	BLEEDING	N	34.00	SqFt
48	L & T CR	L	83.00	Ft
57	WEATHERING	L	3640.00	SqFt
57	WEATHERING	M	192.00	SqFt

Network: DYB **Name:** SUMMERVILLE AIRPORT

Branch: TW B **Name:** TAXIWAY B **Use:** TAXIWAY **Area:** 15,960 SqFt

Section: 10 of 1 **From:** - **To:** - **Last Const.:** 2/1/2007

Surface: AAC **Family:** 2024_SC II-TW TL-AC **Zone:** **Category:** G **Rank:** P

Area: 15,960 SqFt **Length:** 400 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: 12/1/1986	**Work Type:** Subgrade - Stabilized	**Code:** SG-ST	**Is Major M&R:** False
Work Date: 12/1/1986	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 12/1/1986	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 12/1/1986	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 2/1/2007	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 6/1/2009	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False
Work Date: 1/1/2019	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**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: 10/23/2023 **TotalSamples:** 4 **Surveyed:** 1

Conditions: **PCI:** 78

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 3500.00 SqFt **PCI:** 78

Sample Comments:

42	BLEEDING	N	4.00	SqFt
48	L & T CR	L	157.00	Ft
57	WEATHERING	L	3325.00	SqFt
57	WEATHERING	M	175.00	SqFt

Network: DYB **Name:** SUMMERVILLE AIRPORT

Branch: TW C **Name:** TAXIWAY C **Use:** TAXIWAY **Area:** 13,456 SqFt

Section: 10 of 2 **From:** - **To:** - **Last Const.:** 1/1/2013

Surface: AAC **Family:** 2024_SC II-TW TL-AC **Zone:** **Category:** G **Rank:** P

Area: 8,568 SqFt **Length:** 340 Ft **Width:** 38 Ft

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

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

Section Comments:

Work Date: 8/1/1994	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/1994	**Work Type:** Subgrade - Stabilized	**Code:** SG-ST	**Is Major M&R:** False
Work Date: 8/1/1994	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/1/1994	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 6/1/2009	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False
Work Date: 1/1/2013	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 1/1/2019	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**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: 10/23/2023 **TotalSamples:** 2 **Surveyed:** 1

Conditions: **PCI:** 91

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3849.00 SqFt **PCI:** 91

Sample Comments:

48	L & T CR	L	24.00	Ft
57	WEATHERING	L	1924.00	SqFt

Network: DYB **Name:** SUMMERVILLE AIRPORT

Branch: TW C **Name:** TAXIWAY C **Use:** TAXIWAY **Area:** 13,456 SqFt

Section: 20 of 2 **From:** - **To:** - **Last Const.:** 2/1/2007

Surface: AAC **Family:** 2024_SC II-TW TL-AC **Zone:** **Category:** G **Rank:** P

Area: 4,888 SqFt **Length:** 75 Ft **Width:** 38 Ft

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

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

Section Comments:

Work Date: 8/1/1994	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/1994	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/1/1994	**Work Type:** Subgrade - Stabilized	**Code:** SG-ST	**Is Major M&R:** False
Work Date: 8/1/1994	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 2/1/2007	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 6/1/2009	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False
Work Date: 1/1/2019	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**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: 10/23/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 75

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4888.00 SqFt **PCI:** 75

Sample Comments:

48	L & T CR	L	194.00	Ft
52	RAVELING	L	76.00	SqFt
57	WEATHERING	L	3678.00	SqFt
57	WEATHERING	M	328.00	SqFt

Kimley»Horn