SOUTH CAROLINA AERONAUTICS COMMISSION

STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

3J1 - Ridgeland-Claude Dean 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 Ridgeland-Claude Dean Airport (3J1).

Figure 1 – Airport Layout

System Inventory

The pavements at Ridgeland-Claude Dean Airport (3J1) include approximately 0.9 million square feet of airfield pavements consisting of runways, taxiways, taxilane, 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.

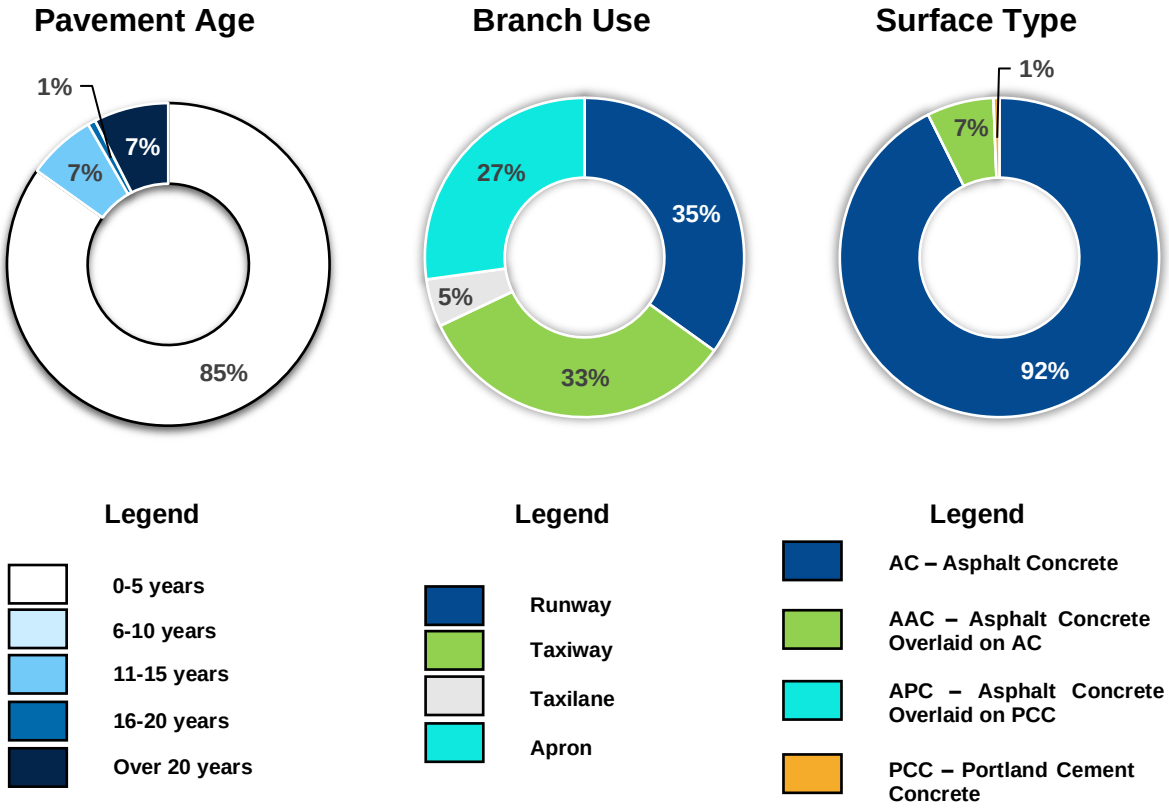
Table 1 - Recent Airfield Pavement Construction

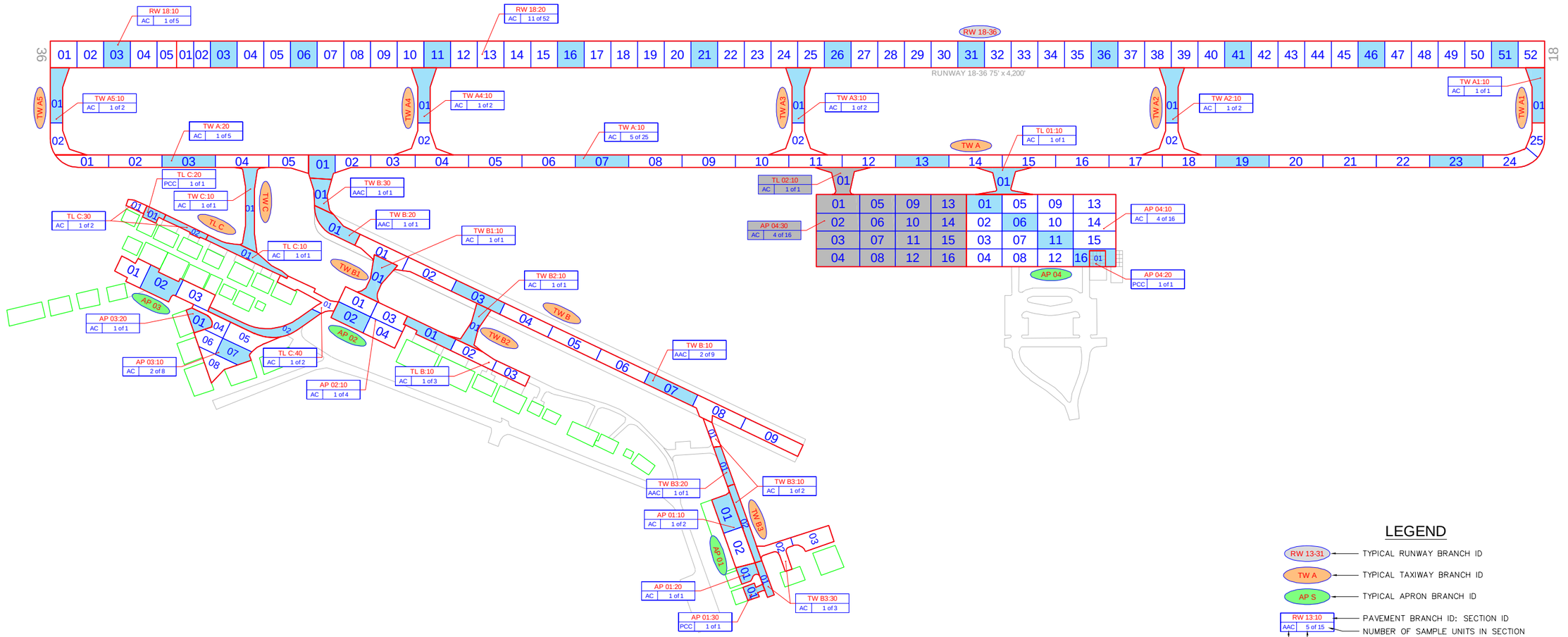
Construction Year	Location	Work Type / Pavement Section
2019	RW 18, TW A, TW A1, TW A2, TW A3, TW A4, TW B	New Construction - AC | 4.5" SC-403 SCDOT TYPE B, 6" P-209, P-152
2019	AP 03	Patching - AC
2020	AP 01	Complete Reconstruction - AC | 3" SC-403 SCDOT TYPE B, 4" P-209, P-152
2020	AP 04, TL 01	New Construction - AC
2020	AP 04	New Construction - PCC
2020	TW B1, TL B	Complete Reconstruction - AC | 4.5" SC-403 SCDOT TYPE B, 6" P-209, P-152
2020	TW A, TW A5, TW B2, TW C, TL C, RW 18	New Construction - AC | 4.5" SC-403 SCDOT TYPE B, 6" P-209, P-152
2020	TW B, TW B3	Mill and Overlay | 2" Mill, 2" SC-403 SCDOT TYPE B OVERLAY
2020	TW B3	Complete Reconstruction - AC | 3.5" SC-403 SCDOT TYPE B, 4" P-209, P-152
2020	TW B3	Patching - AC
2021	TL C	Complete Reconstruction - AC
2023	TL 02, AP 04	New Construction - AC

The following figure summarizes the inventory items at Ridgeland-Claude Dean Airport (3J1). The **Estimated Age Exhibit** provides the last major work date for each pavement section based on the collected documentation.

3J1 - Ridgeland-Claude Dean Airport

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 = 51
AC: 48 PCC: 3

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

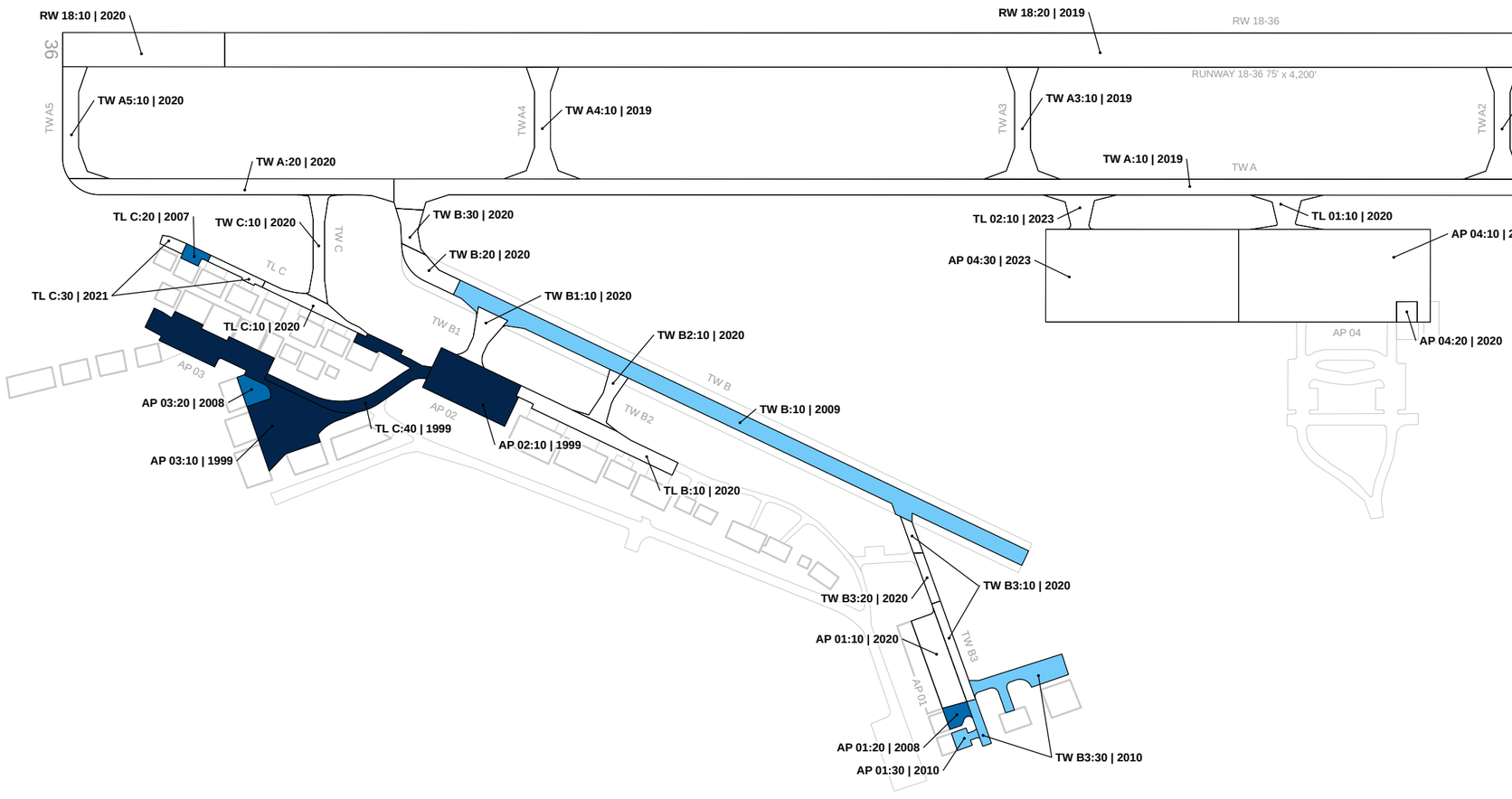
STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

RIDGELAND-CLAUDE DEAN AIRPORT (3J1)

AIRFIELD PAVEMENT NETWORK DEFINITION EXHIBIT

Kimley»Horn

SOUTH CAROLINA AERONAUTICS



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

RIDGELAND-CLAUDE DEAN AIRPORT (3J1)

AIRFIELD PAVEMENT ESTIMATED AGE EXHIBIT

Kimley»Horn

SOUTH CAROLINA AERONAUTICS

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

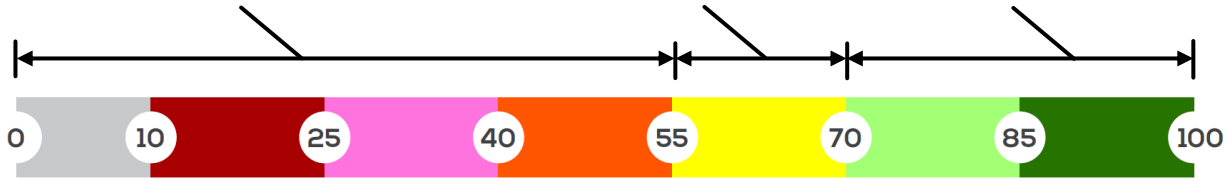
Pavements that are Poor to Failed require significant and costly interventions such as reconstruction to restore the pavement to operational service.

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)

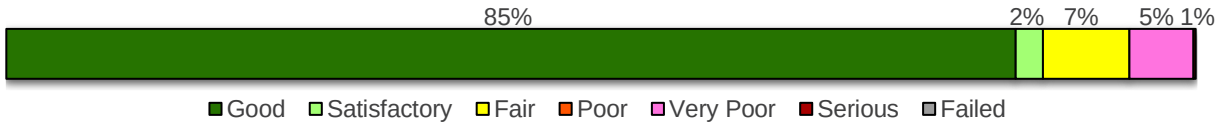
Critical PCI

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

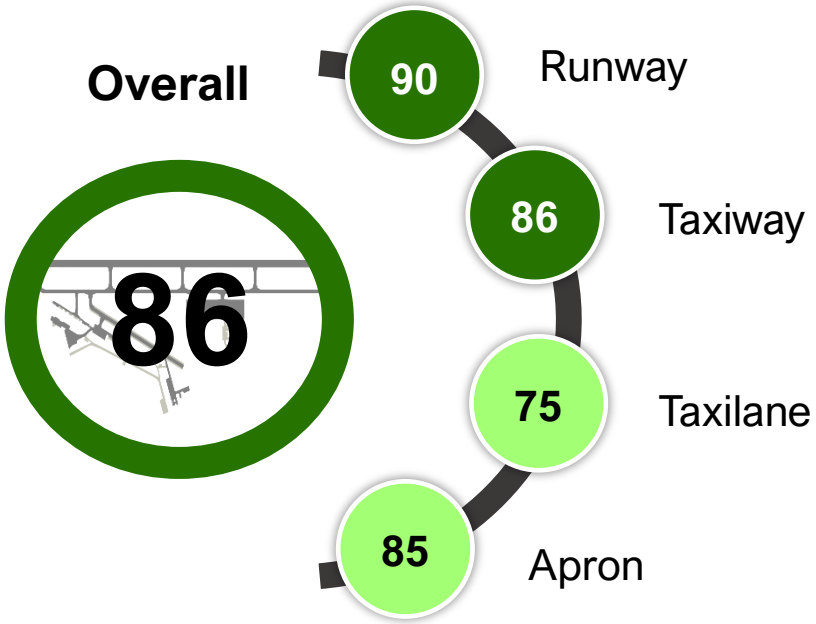
The PCI survey for Ridgeland-Claude Dean Airport (3J1) was performed in November 2023. **The overall area-weighted average PCI value of the network was 86**, representing a condition rating of **Good**. Approximately 87% of inspected pavements are in Good or Satisfactory condition, 7% of inspected pavements are in Fair condition, and the remaining 6% 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

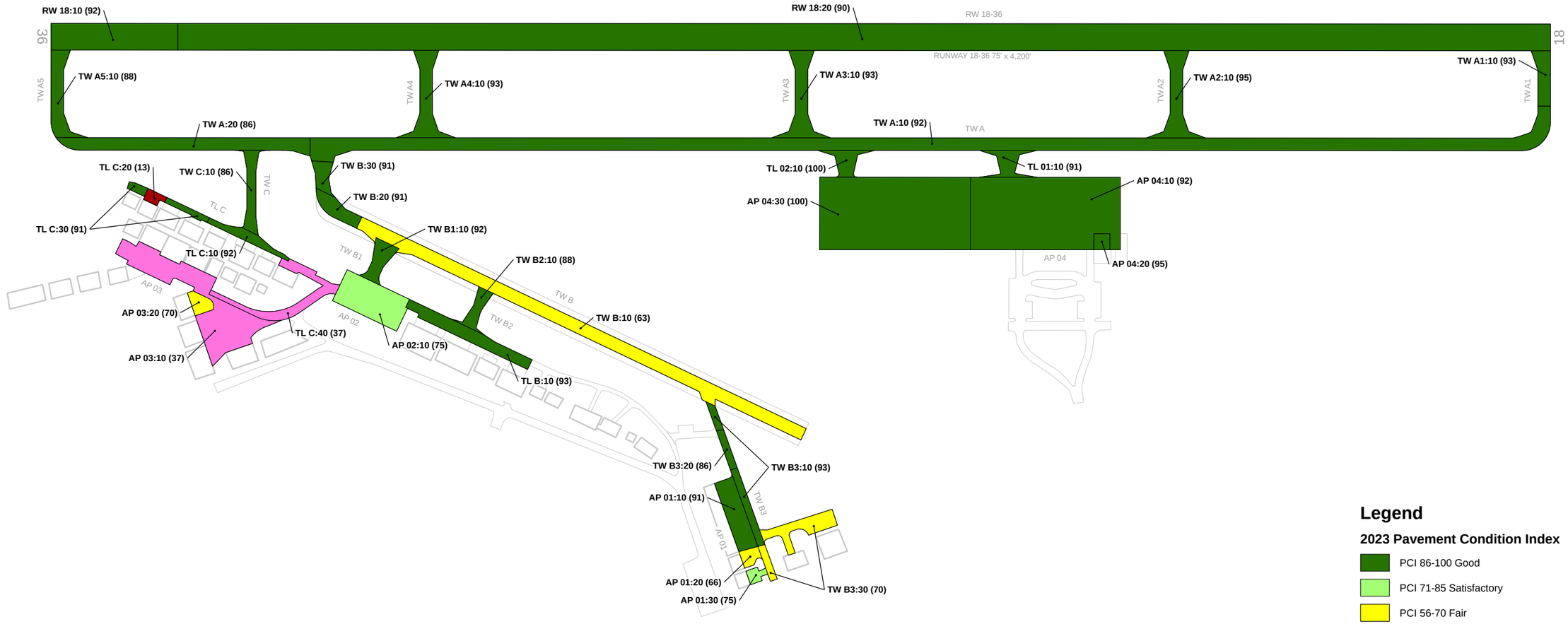


3J1 - Ridgeland-Claude Dean Airport

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
3J1	AP 01	Apron	10	11,307	AC	91	Good	100	0	0
3J1	AP 01	Apron	20	2,296	AC	66	Fair	100	0	0
3J1	AP 01	Apron	30	1,711	PCC	75	Satisfactory	92	8	0
3J1	AP 02	Apron	10	18,954	AC	75	Satisfactory	100	0	0
3J1	AP 03	Apron	10	37,005	AC	37	Very Poor	100	0	0
3J1	AP 03	Apron	20	3,098	AC	70	Fair	100	0	0
3J1	AP 04	Apron	10	83,235	AC	92	Good	100	0	0
3J1	AP 04	Apron	20	2,025	PCC	95	Good	0	0	100
3J1	AP 04	Apron	30	85,666	AC	100	Good	0	0	0
3J1	RW 18	Runway	10	26,625	AC	92	Good	100	0	0
3J1	RW 18	Runway	20	288,300	AC	90	Good	100	0	0
3J1	TL 01	Taxilane	10	5,135	AC	91	Good	100	0	0
3J1	TL 02	Taxilane	10	4,633	AC	100	Good	0	0	0
3J1	TL B	Taxilane	10	12,325	AC	93	Good	100	0	0
3J1	TL C	Taxilane	10	4,940	AC	92	Good	100	0	0
3J1	TL C	Taxilane	20	1,647	PCC	13	Serious	36	61	3
3J1	TL C	Taxilane	30	3,369	AC	91	Good	100	0	0
3J1	TL C	Taxilane	40	11,569	AC	37	Very Poor	100	0	0
3J1	TW A	Taxiway	10	127,088	AC	92	Good	100	0	0
3J1	TW A	Taxiway	20	24,700	AC	86	Good	100	0	0
3J1	TW A1	Taxiway	10	5,948	AC	93	Good	100	0	0
3J1	TW A2	Taxiway	10	11,917	AC	95	Good	100	0	0
3J1	TW A3	Taxiway	10	11,917	AC	93	Good	100	0	0
3J1	TW A4	Taxiway	10	11,917	AC	93	Good	100	0	0
3J1	TW A5	Taxiway	10	10,088	AC	88	Good	100	0	0
3J1	TW B	Taxiway	10	49,551	AAC	63	Fair	98	0	2
3J1	TW B	Taxiway	20	5,487	AAC	91	Good	100	0	0
3J1	TW B	Taxiway	30	3,750	AAC	91	Good	100	0	0
3J1	TW B1	Taxiway	10	5,541	AC	92	Good	100	0	0
3J1	TW B2	Taxiway	10	4,201	AC	88	Good	100	0	0
3J1	TW B3	Taxiway	10	6,143	AC	93	Good	100	0	0
3J1	TW B3	Taxiway	20	2,300	AAC	86	Good	100	0	0
3J1	TW B3	Taxiway	30	10,644	AC	70	Fair	100	0	0
3J1	TW C	Taxiway	10	6,866	AC	86	Good	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

RIDGELAND-CLAUDE DEAN AIRPORT (3J1)

2023 PAVEMENT CONDITION INDEX (PCI) EXHIBIT

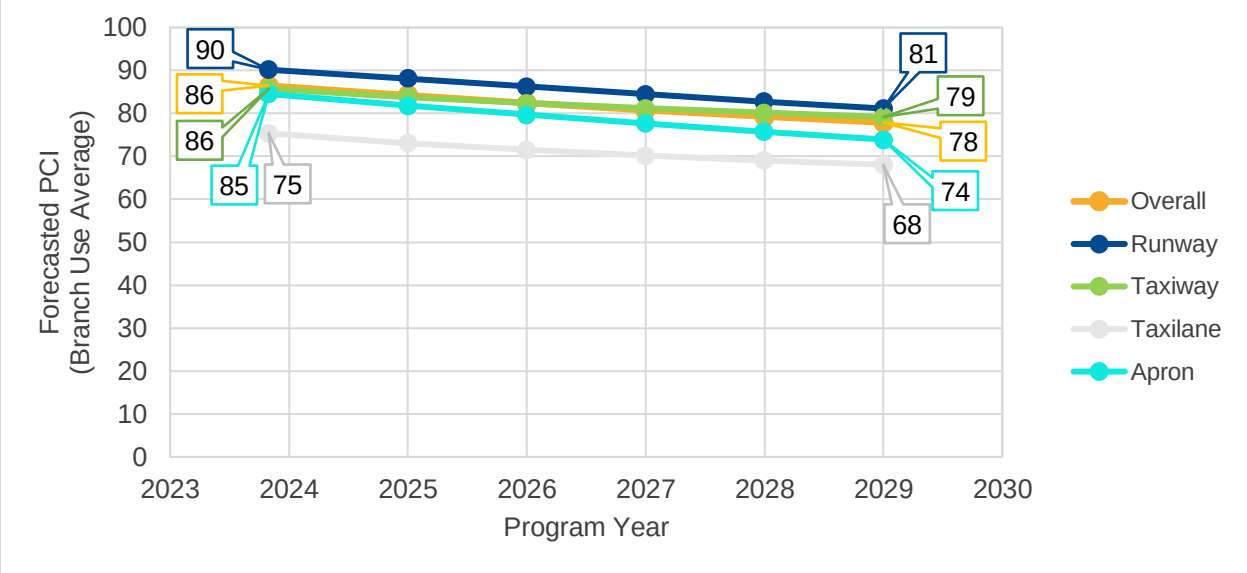
Kimley»Horn

SOUTH CAROLINA AERONAUTICS

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 3J1.

Figure 6 – Forecasted 5-Year PCI by Branch Use

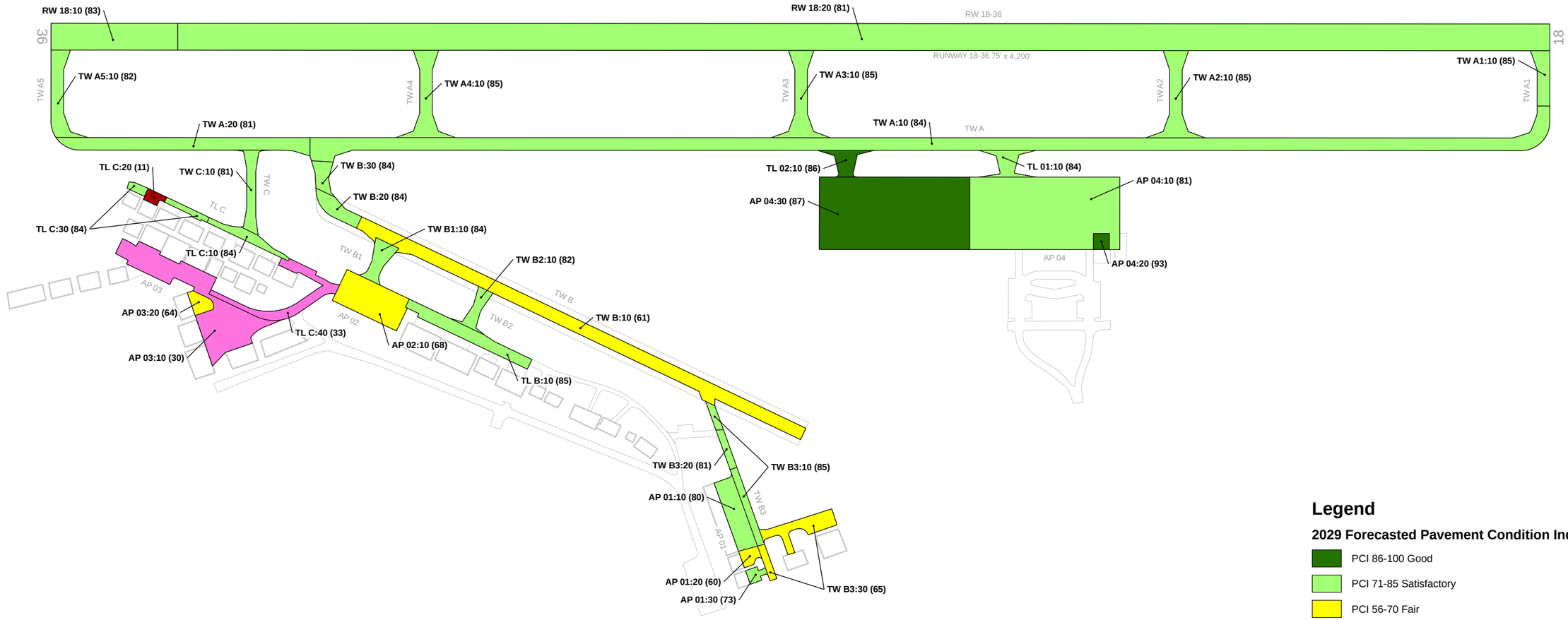


All condition forecasts are based on historical observations and analysis of South Carolina airfield pavements. The forecasts are not a guarantee of future PCI: - rather, they are a planning tool to aid in the timing of maintenance and rehabilitation activities.

3J1 - Ridgeland-Claude Dean 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
3J1	AP 01	10	91	89	86	84	82	80
3J1	AP 01	20	66	65	64	62	61	60
3J1	AP 01	30	75	74	74	74	73	73
3J1	AP 02	10	75	73	72	70	69	68
3J1	AP 03	10	37	36	34	33	31	30
3J1	AP 03	20	70	69	67	66	65	64
3J1	AP 04	10	92	89	87	85	83	81
3J1	AP 04	20	95	94	94	94	93	93
3J1	AP 04	30	100	96	94	91	89	87
3J1	RW 18	10	92	90	88	86	84	83
3J1	RW 18	20	90	88	86	84	83	81
3J1	TL 01	10	91	89	87	86	85	84
3J1	TL 02	10	100	94	92	89	88	86
3J1	TL B	10	93	90	88	87	86	85
3J1	TL C	10	92	90	88	86	85	84
3J1	TL C	20	13	12	12	12	11	11
3J1	TL C	30	91	89	87	86	85	84
3J1	TL C	40	37	36	35	35	34	33
3J1	TW A	10	92	90	88	86	85	84
3J1	TW A	20	86	85	84	83	82	81
3J1	TW A1	10	93	90	88	87	86	85
3J1	TW A2	10	95	92	90	88	86	85
3J1	TW A3	10	93	90	88	87	86	85
3J1	TW A4	10	93	90	88	87	86	85
3J1	TW A5	10	88	86	85	84	83	82
3J1	TW B	10	63	62	62	61	61	61
3J1	TW B	20	91	89	87	86	85	84
3J1	TW B	30	91	89	87	86	85	84
3J1	TW B1	10	92	90	88	86	85	84
3J1	TW B2	10	88	86	85	84	83	82
3J1	TW B3	10	93	90	88	87	86	85
3J1	TW B3	20	86	85	84	83	82	81
3J1	TW B3	30	70	69	68	67	66	65
3J1	TW C	10	86	85	84	83	82	81



Legend

2029 Forecasted Pavement Condition Index

- PCI 86-100 Good
- PCI 71-85 Satisfactory
- PCI 56-70 Fair
- PCI 41-55 Poor
- PCI 26-40 Very Poor
- PCI 11-25 Serious
- PCI 0-10 Failed

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

STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

RIDGELAND-CLAUDE DEAN AIRPORT (3J1)

2029 FORECASTED PAVEMENT CONDITION INDEX (PCI) EXHIBIT

Kimley»Horn

SOUTH CAROLINA AERONAUTICS

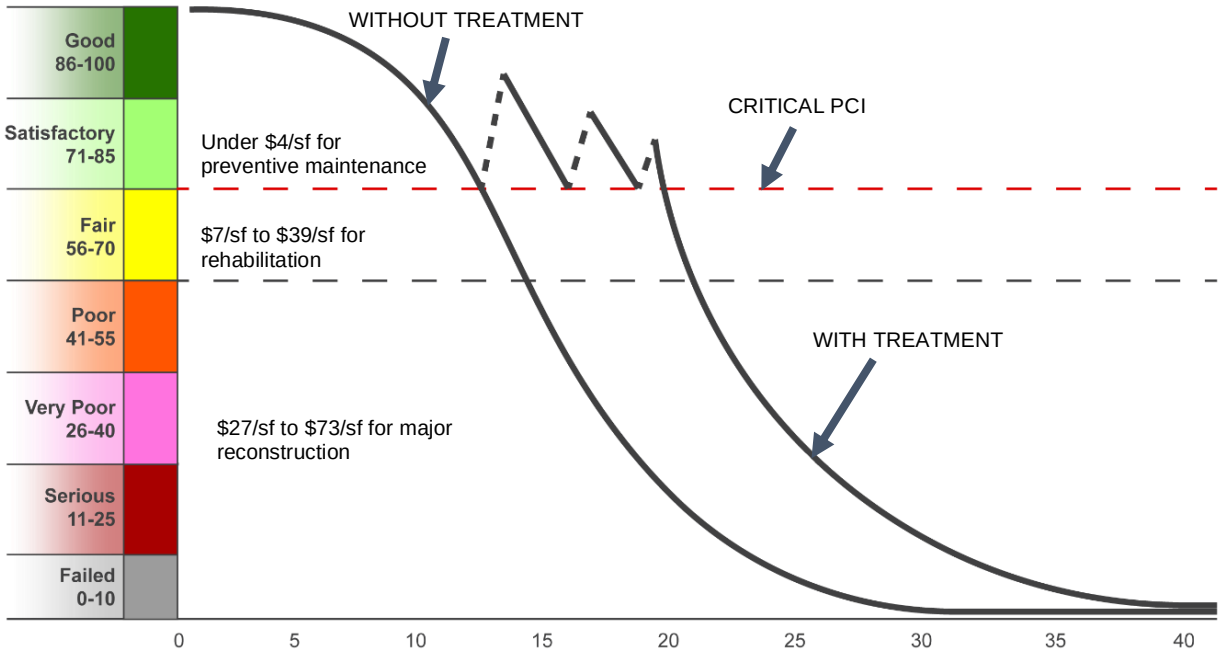
M&R Overview

An analysis was performed to assess the pavement maintenance and rehabilitation (M&R) needs at 3J1 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	5,111	LF	$ 21,820
	Surface Seal	19,385	SF	$ 31,990
			Localized Preventive Maintenance Total =	$ 53,810
Localized Stopgap Maintenance	AC Crack Sealing Narrow	2,440	LF	$ 10,390
	Surface Seal	93,895	SF	$ 154,960
			Localized Stopgap Maintenance Total =	$ 165,350
			Planning-Level Localized M&R Needs =	**$ 219,160**

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

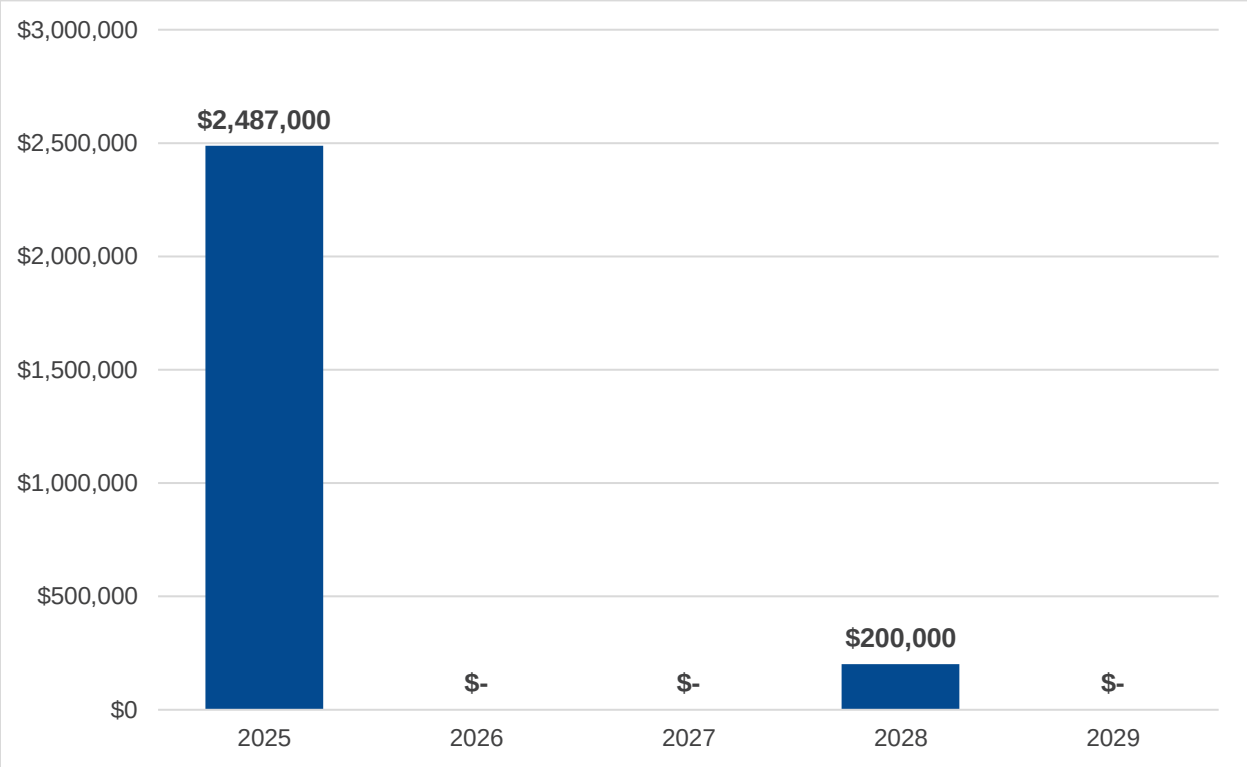
The 5-year major rehabilitation needs analysis at 3J1 results in a total 5-year cost of $2.69M. The **5-Year Major Rehabilitation Needs Exhibit** graphically depicts the major rehabilitation needs at a section-level which are also summarized in **Table 5** with rounded costs. Annual needs are displayed graphically in **Figure 8**.

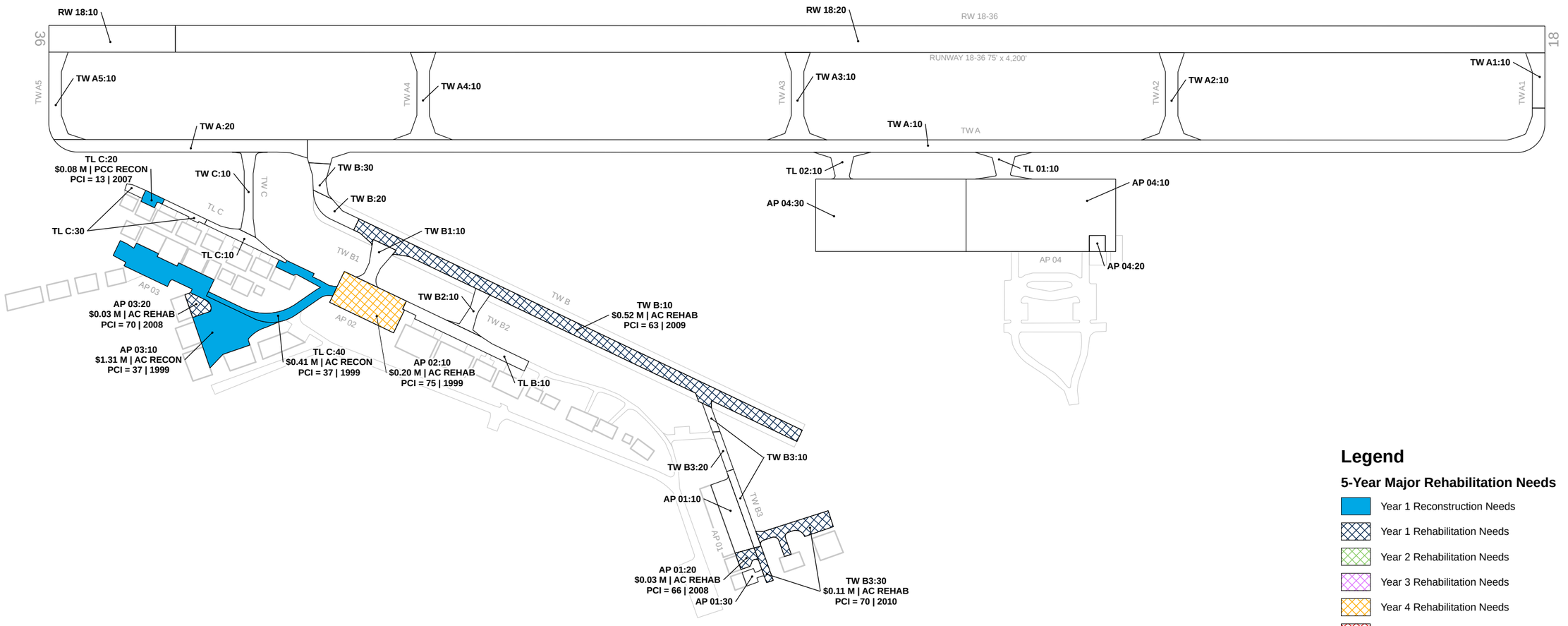
3J1 - Ridgeland-Claude Dean Airport

Table 5 – 5-Year Major Rehabilitation Needs

Program Year	Network ID	Branch ID	Section ID	Surface	Area (SF)	PCI Before	Rehabilitation Type	Planning Cost Estimate
2025	**3J1**	AP 01	20	AC	2,296	65	AC Rehabilitation	$ 25,000
2025	**3J1**	AP 03	10	AC	37,005	36	AC Reconstruction	$ 1,305,000
2025	**3J1**	AP 03	20	AC	3,098	69	AC Rehabilitation	$ 33,000
2025	**3J1**	TL C	20	PCC	1,647	12	PCC Reconstruction	$ 83,000
2025	**3J1**	TL C	40	AC	11,569	36	AC Reconstruction	$ 408,000
2025	**3J1**	TW B	10	AAC	49,551	62	AC Rehabilitation	$ 521,000
2025	**3J1**	TW B3	30	AC	10,644	69	AC Rehabilitation	$ 112,000
2028	**3J1**	AP 02	10	AC	18,954	69	AC Rehabilitation	$ 200,000
							Total 5-Year Major Rehabilitation Needs =	**$ 2,687,000**

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.

STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

RIDGELAND-CLAUDE DEAN AIRPORT (3J1)

5-YEAR MAJOR REHABILITATION EXHIBIT

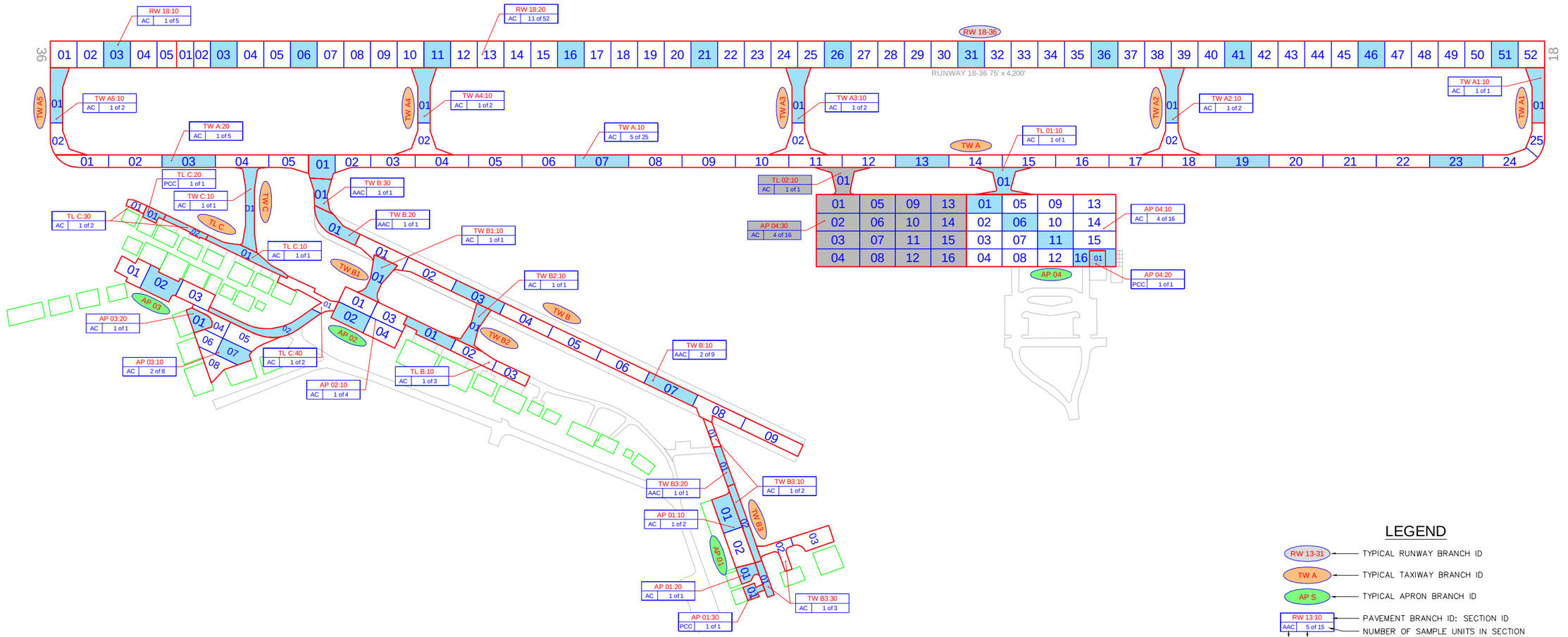
Kimley»Horn

SOUTH CAROLINA AERONAUTICS

SECTION I

Appendices

Appendix A – Exhibits



LEGEND

- RW 13-31 — TYPICAL RUNWAY BRANCH ID
- TW A — TYPICAL TAXIWAY BRANCH ID
- AP S — TYPICAL APRON BRANCH ID
- RW 13:10 / 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 = 51
AC: 48 PCC: 3

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

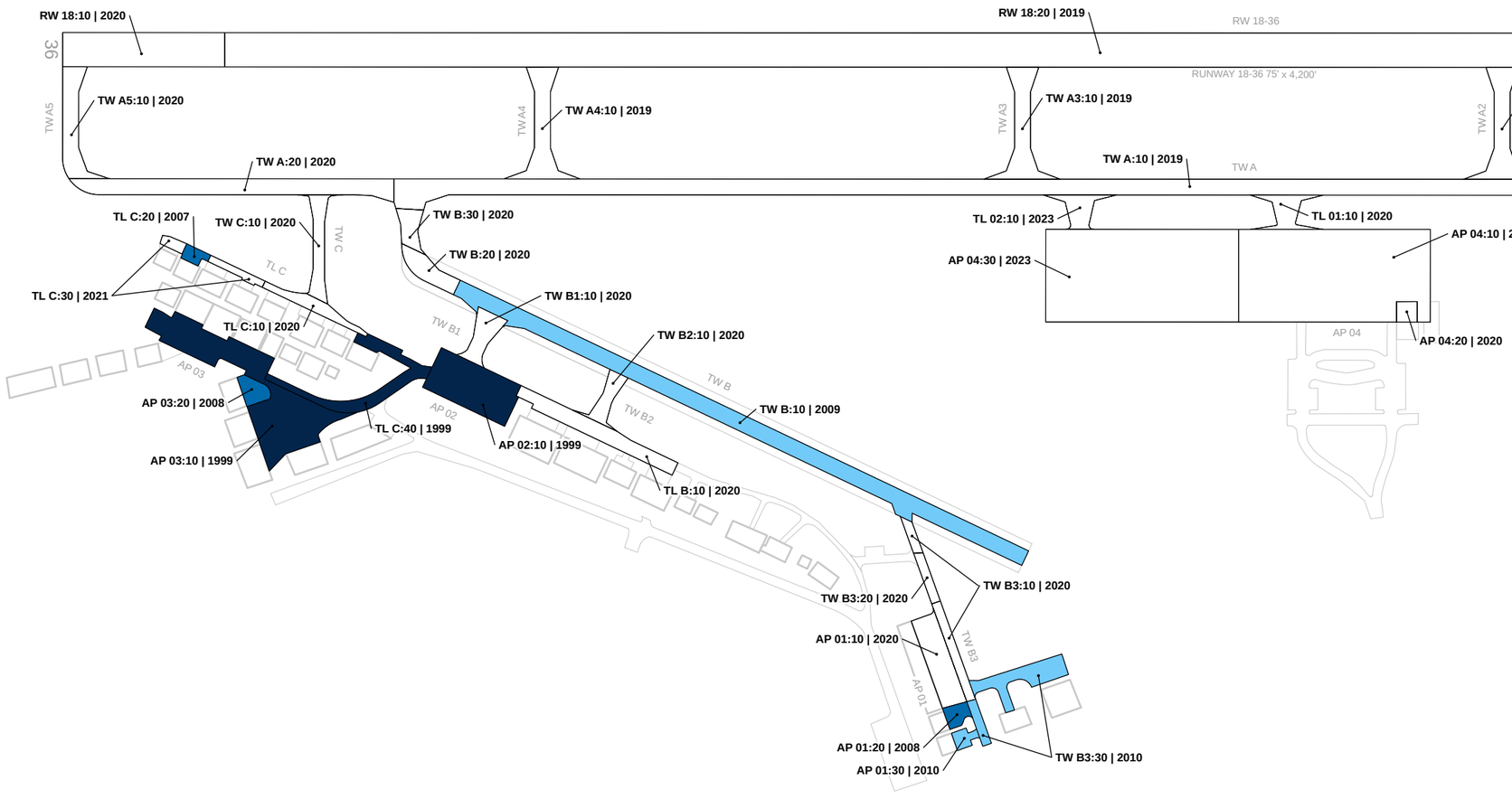
STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

RIDGELAND-CLAUDE DEAN AIRPORT (3J1)

AIRFIELD PAVEMENT NETWORK DEFINITION EXHIBIT

Kimley»Horn

SOUTH CAROLINA AERONAUTICS



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

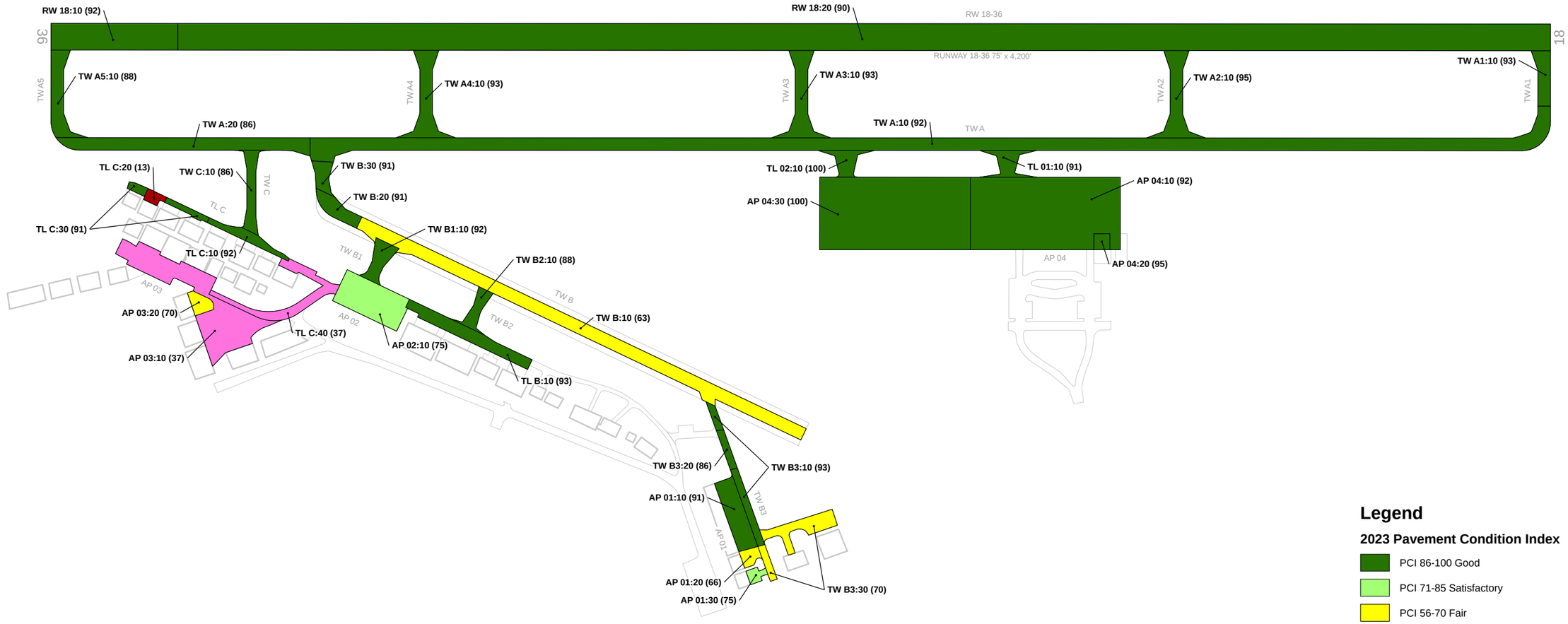
STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

RIDGELAND-CLAUDE DEAN AIRPORT (3J1)

AIRFIELD PAVEMENT ESTIMATED AGE EXHIBIT

Kimley»Horn

SOUTH CAROLINA AERONAUTICS



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

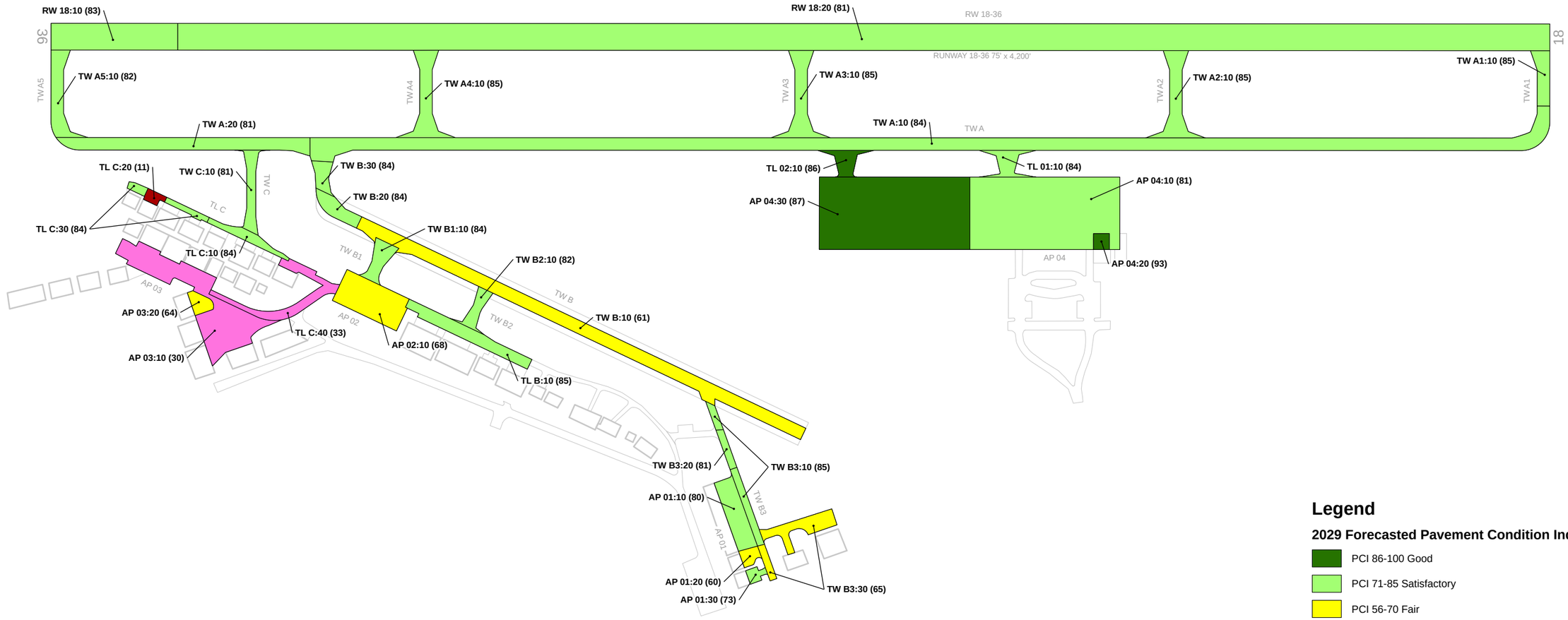
STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

RIDGELAND-CLAUDE DEAN AIRPORT (3J1)

2023 PAVEMENT CONDITION INDEX (PCI) EXHIBIT

Kimley»Horn

SOUTH CAROLINA AERONAUTICS



Legend

2029 Forecasted Pavement Condition Index

- PCI 86-100 Good
- PCI 71-85 Satisfactory
- PCI 56-70 Fair
- PCI 41-55 Poor
- PCI 26-40 Very Poor
- PCI 11-25 Serious
- PCI 0-10 Failed

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

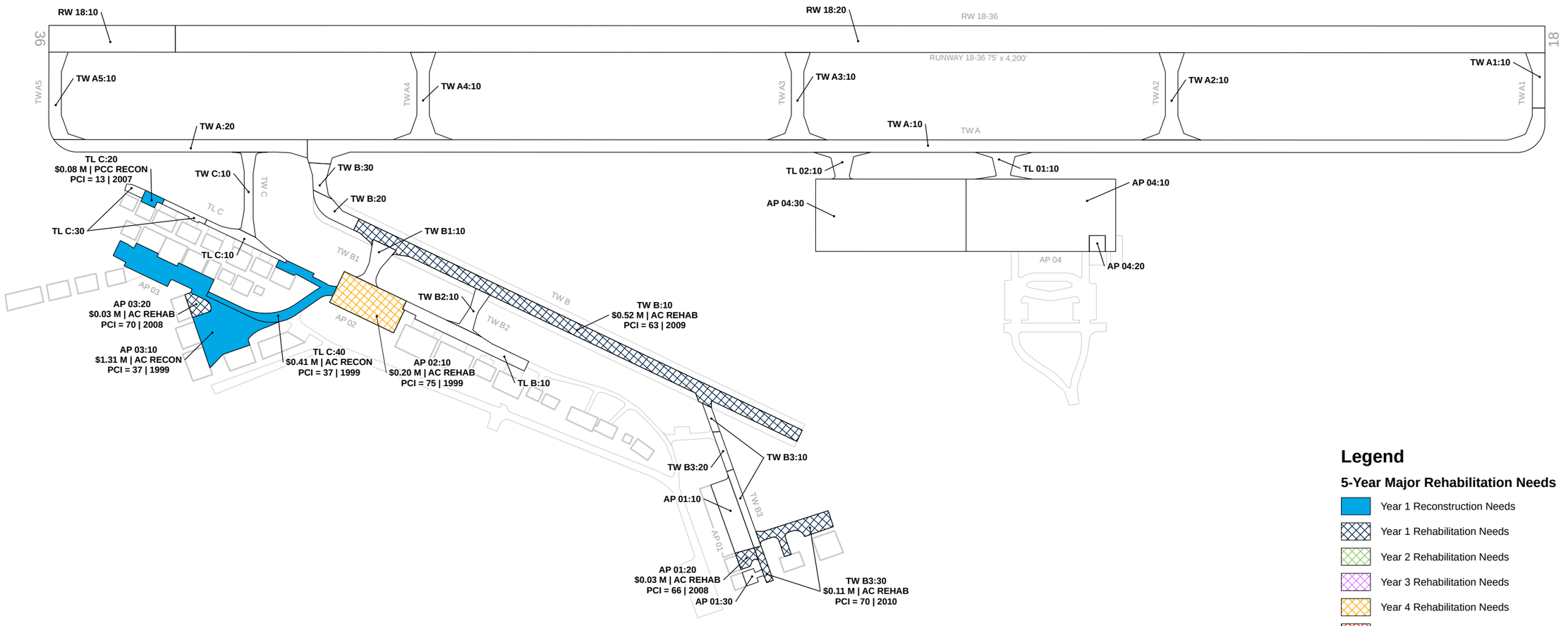
STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

RIDGELAND-CLAUDE DEAN AIRPORT (3J1)

2029 FORECASTED PAVEMENT CONDITION INDEX (PCI) EXHIBIT

Kimley»Horn

SOUTH CAROLINA AERONAUTICS



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.

STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

RIDGELAND-CLAUDE DEAN AIRPORT (3J1)

5-YEAR MAJOR REHABILITATION EXHIBIT

Kimley»Horn

SOUTH CAROLINA AERONAUTICS

Appendix B – Analysis Tables

3J1 - Ridgeland-Claude Dean Airport

Table B1 – System Inventory Data - Section

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface Type	Estimate of Last Construction Date
3J1	AP 01	Apron	10	11,307	AC	1/1/2020
3J1	AP 01	Apron	20	2,296	AC	1/1/2008
3J1	AP 01	Apron	30	1,711	PCC	1/1/2010
3J1	AP 02	Apron	10	18,954	AC	6/1/1999
3J1	AP 03	Apron	10	37,005	AC	6/1/1999
3J1	AP 03	Apron	20	3,098	AC	1/1/2008
3J1	AP 04	Apron	10	83,235	AC	1/1/2020
3J1	AP 04	Apron	20	2,025	PCC	1/1/2020
3J1	AP 04	Apron	30	85,666	AC	7/1/2023
3J1	RW 18	Runway	10	26,625	AC	1/1/2020
3J1	RW 18	Runway	20	288,300	AC	1/1/2019
3J1	TL 01	Taxilane	10	5,135	AC	1/1/2020
3J1	TL 02	Taxilane	10	4,633	AC	7/1/2023
3J1	TL B	Taxilane	10	12,325	AC	1/1/2020
3J1	TL C	Taxilane	10	4,940	AC	1/1/2020
3J1	TL C	Taxilane	20	1,647	PCC	6/1/2007
3J1	TL C	Taxilane	30	3,369	AC	1/1/2021
3J1	TL C	Taxilane	40	11,569	AC	6/1/1999
3J1	TW A	Taxiway	10	127,088	AC	1/1/2019
3J1	TW A	Taxiway	20	24,700	AC	1/1/2020
3J1	TW A1	Taxiway	10	5,948	AC	1/1/2019
3J1	TW A2	Taxiway	10	11,917	AC	1/1/2019
3J1	TW A3	Taxiway	10	11,917	AC	1/1/2019
3J1	TW A4	Taxiway	10	11,917	AC	1/1/2019
3J1	TW A5	Taxiway	10	10,088	AC	1/1/2020
3J1	TW B	Taxiway	10	49,551	AAC	1/1/2009
3J1	TW B	Taxiway	20	5,487	AAC	1/1/2020
3J1	TW B	Taxiway	30	3,750	AAC	1/1/2020
3J1	TW B1	Taxiway	10	5,541	AC	1/1/2020
3J1	TW B2	Taxiway	10	4,201	AC	1/1/2020
3J1	TW B3	Taxiway	10	6,143	AC	1/1/2020
3J1	TW B3	Taxiway	20	2,300	AAC	1/1/2020
3J1	TW B3	Taxiway	30	10,644	AC	1/1/2010
3J1	TW C	Taxiway	10	6,866	AC	1/1/2020

3J1 - Ridgeland-Claude Dean Airport

Table B2 – Current Pavement Condition Index Summary - Branch

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Area-Weighted Avg PCI	Condition Rating
AP 01	Apron	3	15,314	85	Satisfactory
AP 02	Apron	1	18,954	75	Satisfactory
AP 03	Apron	2	40,103	40	Very Poor
AP 04	Apron	3	170,926	96	Good
RW 18	Runway	2	314,925	90	Good
TL 01	Taxilane	1	5,135	91	Good
TL 02	Taxilane	1	4,633	100	Good
TL B	Taxilane	1	12,325	93	Good
TL C	Taxilane	4	21,525	56	Fair
TW A	Taxiway	2	151,788	91	Good
TW A1	Taxiway	1	5,948	93	Good
TW A2	Taxiway	1	11,917	95	Good
TW A3	Taxiway	1	11,917	93	Good
TW A4	Taxiway	1	11,917	93	Good
TW A5	Taxiway	1	10,088	88	Good
TW B	Taxiway	3	58,788	67	Fair
TW B1	Taxiway	1	5,541	92	Good
TW B2	Taxiway	1	4,201	88	Good
TW B3	Taxiway	3	19,087	79	Satisfactory
TW C	Taxiway	1	6,866	86	Good

3J1 - Ridgeland-Claude Dean 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
3J1	AP 01	Apron	10	11,307	AC	91	Good	100	0	0	1	2
3J1	AP 01	Apron	20	2,296	AC	66	Fair	100	0	0	1	1
3J1	AP 01	Apron	30	1,711	PCC	75	Satisfactory	92	8	0	1	1
3J1	AP 02	Apron	10	18,954	AC	75	Satisfactory	100	0	0	1	4
3J1	AP 03	Apron	10	37,005	AC	37	Very Poor	100	0	0	2	8
3J1	AP 03	Apron	20	3,098	AC	70	Fair	100	0	0	1	1
3J1	AP 04	Apron	10	83,235	AC	92	Good	100	0	0	4	16
3J1	AP 04	Apron	20	2,025	PCC	95	Good	0	0	100	1	1
3J1	AP 04	Apron	30	85,666	AC	100	Good	0	0	0	0	0
3J1	RW 18	Runway	10	26,625	AC	92	Good	100	0	0	1	5
3J1	RW 18	Runway	20	288,300	AC	90	Good	100	0	0	11	52
3J1	TL 01	Taxilane	10	5,135	AC	91	Good	100	0	0	1	1
3J1	TL 02	Taxilane	10	4,633	AC	100	Good	0	0	0	0	0
3J1	TL B	Taxilane	10	12,325	AC	93	Good	100	0	0	1	3
3J1	TL C	Taxilane	10	4,940	AC	92	Good	100	0	0	1	1
3J1	TL C	Taxilane	20	1,647	PCC	13	Serious	36	61	3	1	1
3J1	TL C	Taxilane	30	3,369	AC	91	Good	100	0	0	1	2
3J1	TL C	Taxilane	40	11,569	AC	37	Very Poor	100	0	0	1	2
3J1	TW A	Taxiway	10	127,088	AC	92	Good	100	0	0	5	25
3J1	TW A	Taxiway	20	24,700	AC	86	Good	100	0	0	1	5
3J1	TW A1	Taxiway	10	5,948	AC	93	Good	100	0	0	1	1
3J1	TW A2	Taxiway	10	11,917	AC	95	Good	100	0	0	1	2
3J1	TW A3	Taxiway	10	11,917	AC	93	Good	100	0	0	1	2
3J1	TW A4	Taxiway	10	11,917	AC	93	Good	100	0	0	1	2
3J1	TW A5	Taxiway	10	10,088	AC	88	Good	100	0	0	1	2
3J1	TW B	Taxiway	10	49,551	AAC	63	Fair	98	0	2	2	9
3J1	TW B	Taxiway	20	5,487	AAC	91	Good	100	0	0	1	1
3J1	TW B	Taxiway	30	3,750	AAC	91	Good	100	0	0	1	1
3J1	TW B1	Taxiway	10	5,541	AC	92	Good	100	0	0	1	1
3J1	TW B2	Taxiway	10	4,201	AC	88	Good	100	0	0	1	1
3J1	TW B3	Taxiway	10	6,143	AC	93	Good	100	0	0	1	2
3J1	TW B3	Taxiway	20	2,300	AAC	86	Good	100	0	0	1	1

3J1 - Ridgeland-Claude Dean Airport

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other	Sample Units Inspected	Total Sample Units in Section
3J1	TW B3	Taxiway	30	10,644	AC	70	Fair	100	0	0	1	3
3J1	TW C	Taxiway	10	6,866	AC	86	Good	100	0	0	1	1

3J1 - Ridgeland-Claude Dean 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
3J1	AP 01	10	91	89	86	84	82	80
3J1	AP 01	20	66	65	64	62	61	60
3J1	AP 01	30	75	74	74	74	73	73
3J1	AP 02	10	75	73	72	70	69	68
3J1	AP 03	10	37	36	34	33	31	30
3J1	AP 03	20	70	69	67	66	65	64
3J1	AP 04	10	92	89	87	85	83	81
3J1	AP 04	20	95	94	94	94	93	93
3J1	AP 04	30	100	96	94	91	89	87
3J1	RW 18	10	92	90	88	86	84	83
3J1	RW 18	20	90	88	86	84	83	81
3J1	TL 01	10	91	89	87	86	85	84
3J1	TL 02	10	100	94	92	89	88	86
3J1	TL B	10	93	90	88	87	86	85
3J1	TL C	10	92	90	88	86	85	84
3J1	TL C	20	13	12	12	12	11	11
3J1	TL C	30	91	89	87	86	85	84
3J1	TL C	40	37	36	35	35	34	33
3J1	TW A	10	92	90	88	86	85	84
3J1	TW A	20	86	85	84	83	82	81
3J1	TW A1	10	93	90	88	87	86	85
3J1	TW A2	10	95	92	90	88	86	85
3J1	TW A3	10	93	90	88	87	86	85
3J1	TW A4	10	93	90	88	87	86	85
3J1	TW A5	10	88	86	85	84	83	82
3J1	TW B	10	63	62	62	61	61	61
3J1	TW B	20	91	89	87	86	85	84
3J1	TW B	30	91	89	87	86	85	84
3J1	TW B1	10	92	90	88	86	85	84
3J1	TW B2	10	88	86	85	84	83	82
3J1	TW B3	10	93	90	88	87	86	85
3J1	TW B3	20	86	85	84	83	82	81
3J1	TW B3	30	70	69	68	67	66	65
3J1	TW C	10	86	85	84	83	82	81

Appendix C – Maintenance and Rehabilitation Tables

3J1 - Ridgeland-Claude Dean 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	5,111	LF	$ 21,820
	Surface Seal	19,385	SF	$ 31,990
			Localized Preventive Maintenance Total =	$ 53,810
Localized Stopgap Maintenance	AC Crack Sealing Narrow	2,440	LF	$ 10,390
	Surface Seal	93,895	SF	$ 154,960
			Localized Stopgap Maintenance Total =	$ 165,350
			Planning-Level Localized M&R Needs =	**$ 219,160**

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

Network ID	Branch ID	Section ID	Area (SF)	Start PCI	End PCI	Cost
3J1	AP 01	10	11,307	91	94	$ 780
3J1	AP 01	20	2,296	66	81	$ 4,120
3J1	AP 01	30	1,711	75	81	$ -
3J1	AP 02	10	18,954	75	96	$ 31,780
3J1	AP 03	10	37,005	37	63	$ 52,220
3J1	AP 03	20	3,098	70	82	$ 5,380
3J1	AP 04	10	83,235	92	92	$ 1,950
3J1	AP 04	20	2,025	95	95	$ -
3J1	AP 04	30	85,666	100	100	$ -
3J1	RW 18	10	26,625	92	92	$ 370
3J1	RW 18	20	288,300	90	90	$ 10,760
3J1	TL 01	10	5,135	91	91	$ 130
3J1	TL 02	10	4,633	100	100	$ -
3J1	TL B	10	12,325	93	93	$ 80
3J1	TL C	10	4,940	92	92	$ 70
3J1	TL C	20	1,647	13	27	$ -
3J1	TL C	30	3,369	91	91	$ 60
3J1	TL C	40	11,569	37	59	$ 8,330
3J1	TW A	10	127,088	92	93	$ 2,910
3J1	TW A	20	24,700	86	86	$ 3,000

3J1 - Ridgeland-Claude Dean Airport

Network ID	Branch ID	Section ID	Area (SF)	Start PCI	End PCI	Cost
3J1	TW A1	10	5,948	93	93	$ 20
3J1	TW A2	10	11,917	95	95	$ -
3J1	TW A3	10	11,917	93	93	$ 10
3J1	TW A4	10	11,917	93	93	$ 40
3J1	TW A5	10	10,088	88	88	$ 750
3J1	TW B	10	49,551	63	77	$ 79,460
3J1	TW B	20	5,487	91	91	$ 90
3J1	TW B	30	3,750	91	91	$ 140
3J1	TW B1	10	5,541	92	92	$ 80
3J1	TW B2	10	4,201	88	88	$ 350
3J1	TW B3	10	6,143	93	93	$ 140
3J1	TW B3	20	2,300	86	86	$ 140
3J1	TW B3	30	10,644	70	83	$ 15,810
3J1	TW C	10	6,866	86	86	$ 160

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
3J1	AP 01	10	L & T CR	Low	16	LF	0.1%	Preventive	AC Crack Sealing Narrow	16	LF	$ 4.25	$ 70
3J1	AP 01	10	WEATHERING	Medium	430	SF	3.8%	Preventive	Surface Seal	431	SF	$ 1.65	$ 710
3J1	AP 02	10	L & T CR	Low	118	LF	0.6%	Preventive	AC Crack Sealing Narrow	118	LF	$ 4.25	$ 500
3J1	AP 02	10	WEATHERING	Medium	18,954	SF	100.0%	Preventive	Surface Seal	18,954	SF	$ 1.65	$ 31,280
3J1	AP 04	10	L & T CR	Low	458	LF	0.6%	Preventive	AC Crack Sealing Narrow	458	LF	$ 4.25	$ 1,950
3J1	RW 18	10	L & T CR	Low	85	LF	0.3%	Preventive	AC Crack Sealing Narrow	85	LF	$ 4.25	$ 370
3J1	RW 18	20	L & T CR	Low	2,530	LF	0.9%	Preventive	AC Crack Sealing Narrow	2,530	LF	$ 4.25	$ 10,760
3J1	TL 01	10	L & T CR	Low	30	LF	0.6%	Preventive	AC Crack Sealing Narrow	30	LF	$ 4.25	$ 130
3J1	TL B	10	L & T CR	Low	18	LF	0.1%	Preventive	AC Crack Sealing Narrow	18	LF	$ 4.25	$ 80
3J1	TL C	10	L & T CR	Low	16	LF	0.3%	Preventive	AC Crack Sealing Narrow	16	LF	$ 4.25	$ 70
3J1	TL C	30	L & T CR	Low	13	LF	0.4%	Preventive	AC Crack Sealing Narrow	13	LF	$ 4.25	$ 60
3J1	TW A	10	L & T CR	Low	202	LF	0.2%	Preventive	AC Crack Sealing Narrow	201	LF	$ 4.25	$ 860
3J1	TW A	10	L & T CR	Medium	482	LF	0.4%	Preventive	AC Crack Sealing Narrow	482	LF	$ 4.25	$ 2,050
3J1	TW A	20	L & T CR	Low	706	LF	2.9%	Preventive	AC Crack Sealing Narrow	706	LF	$ 4.25	$ 3,000
3J1	TW A1	10	L & T CR	Low	3	LF	0.1%	Preventive	AC Crack Sealing Narrow	3	LF	$ 4.25	$ 20
3J1	TW A3	10	L & T CR	Low	2	LF	0.0%	Preventive	AC Crack Sealing Narrow	2	LF	$ 4.25	$ 10

3J1 - Ridgeland-Claude Dean 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
3J1	TW A4	10	L & T CR	Low	9	LF	0.1%	Preventive	AC Crack Sealing Narrow	9	LF	$ 4.25	$ 40
3J1	TW A5	10	L & T CR	Low	176	LF	1.8%	Preventive	AC Crack Sealing Narrow	177	LF	$ 4.25	$ 750
3J1	TW B	20	L & T CR	Low	20	LF	0.4%	Preventive	AC Crack Sealing Narrow	20	LF	$ 4.25	$ 90
3J1	TW B	30	L & T CR	Low	31	LF	0.8%	Preventive	AC Crack Sealing Narrow	31	LF	$ 4.25	$ 140
3J1	TW B1	10	L & T CR	Low	17	LF	0.3%	Preventive	AC Crack Sealing Narrow	17	LF	$ 4.25	$ 80
3J1	TW B2	10	L & T CR	Low	82	LF	2.0%	Preventive	AC Crack Sealing Narrow	82	LF	$ 4.25	$ 350
3J1	TW B3	10	L & T CR	Low	31	LF	0.5%	Preventive	AC Crack Sealing Narrow	31	LF	$ 4.25	$ 140
3J1	TW B3	20	L & T CR	Low	31	LF	1.4%	Preventive	AC Crack Sealing Narrow	31	LF	$ 4.25	$ 140
3J1	TW C	10	L & T CR	Low	36	LF	0.5%	Preventive	AC Crack Sealing Narrow	36	LF	$ 4.25	$ 160
3J1	AP 01	20	L & T CR	Medium	84	LF	3.7%	Stopgap	AC Crack Sealing Narrow	84	LF	$ 4.25	$ 360
3J1	AP 01	20	WEATHERING	Medium	2,276	SF	99.1%	Stopgap	Surface Seal	2,276	SF	$ 1.65	$ 3,760
3J1	AP 03	10	L & T CR	Medium	704	LF	1.9%	Stopgap	AC Crack Sealing Narrow	704	LF	$ 4.25	$ 3,000
3J1	AP 03	10	RAVELING	Medium	14,927	SF	40.3%	Stopgap	Surface Seal	14,927	SF	$ 1.65	$ 24,630
3J1	AP 03	10	WEATHERING	Medium	14,906	SF	40.3%	Stopgap	Surface Seal	14,907	SF	$ 1.65	$ 24,600
3J1	AP 03	20	L & T CR	Medium	63	LF	2.0%	Stopgap	AC Crack Sealing Narrow	63	LF	$ 4.25	$ 270
3J1	AP 03	20	WEATHERING	Medium	3,098	SF	100.0%	Stopgap	Surface Seal	3,098	SF	$ 1.65	$ 5,120
3J1	TL C	40	L & T CR	Medium	206	LF	1.8%	Stopgap	AC Crack Sealing Narrow	206	LF	$ 4.25	$ 880
3J1	TL C	40	RAVELING	Medium	4,514	SF	39.0%	Stopgap	Surface Seal	4,513	SF	$ 1.65	$ 7,450
3J1	TW B	10	L & T CR	Medium	1,383	LF	2.8%	Stopgap	AC Crack Sealing Narrow	1,383	LF	$ 4.25	$ 5,880
3J1	TW B	10	WEATHERING	Medium	44,596	SF	90.0%	Stopgap	Surface Seal	44,596	SF	$ 1.65	$ 73,590
3J1	TW B3	30	WEATHERING	Medium	9,578	SF	90.0%	Stopgap	Surface Seal	9,578	SF	$ 1.65	$ 15,810

3J1 - Ridgeland-Claude Dean Airport

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	**3J1**	AP 01	20	AC	2,296	65	AC Rehabilitation	$ 25,000
2025	**3J1**	AP 03	10	AC	37,005	36	AC Reconstruction	$ 1,305,000
2025	**3J1**	AP 03	20	AC	3,098	69	AC Rehabilitation	$ 33,000
2025	**3J1**	TL C	20	PCC	1,647	12	PCC Reconstruction	$ 83,000
2025	**3J1**	TL C	40	AC	11,569	36	AC Reconstruction	$ 408,000
2025	**3J1**	TW B	10	AAC	49,551	62	AC Rehabilitation	$ 521,000
2025	**3J1**	TW B3	30	AC	10,644	69	AC Rehabilitation	$ 112,000
2028	**3J1**	AP 02	10	AC	18,954	69	AC Rehabilitation	$ 200,000
							Total 5-Year Major Rehabilitation Needs =	**$ 2,687,000**

Appendix D – PCI Results Summary

3J1 - Ridgeland-Claude Dean Airport

RW 18

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
RW 18	RUNWAY	2	314,925	90	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	26,625	AC	2020	-	92	Good	100	0	0
20	288,300	AC	2019	-	90	Good	100	0	0

RW 18-10

RW 18-20

3J1 - Ridgeland-Claude Dean Airport

TW A

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW A	TAXIWAY	2	151,788	91	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	127,088	AC	2019	-	92	Good	100	0	0
20	24,700	AC	2020	-	86	Good	100	0	0

TW A-10

TW A-20

TW A1

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW A1	TAXIWAY	1	5,948	93	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	5,948	AC	2019	-	93	Good	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	11,917	95	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	11,917	AC	2019	-	95	Good	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	11,917	93	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	11,917	AC	2019	-	93	Good	100	0	0

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	11,917	93	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	11,917	AC	2019	-	93	Good	100	0	0

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	10,088	88	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	10,088	AC	2020	-	88	Good	100	0	0

TW A5-10

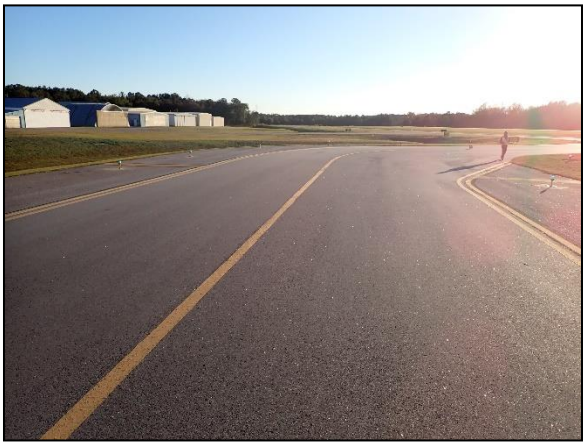
3J1 - Ridgeland-Claude Dean Airport

TW B

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW B	TAXIWAY	3	58,788	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	49,551	AAC	2009	-	63	Fair	98	0	2
20	5,487	AAC	2020	-	91	Good	100	0	0
30	3,750	AAC	2020	-	91	Good	100	0	0

TW B-10



TW B-20

TW B-30

TW B1

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW B1	TAXIWAY	1	5,541	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	5,541	AC	2020	-	92	Good	100	0	0

TW B1-10

TW B2

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW B2	TAXIWAY	1	4,201	88	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	4,201	AC	2020	-	88	Good	100	0	0

TW B2-10

3J1 - Ridgeland-Claude Dean Airport

TW B3

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW B3	TAXIWAY	3	19,087	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
10	6,143	AC	2020	-	93	Good	100	0	0
20	2,300	AAC	2020	-	86	Good	100	0	0
30	10,644	AC	2010	-	70	Fair	100	0	0

TW B3-10

TW B3-20

TW B3-30

TW C

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW C	TAXIWAY	1	6,866	86	Good

Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
10	6,866	AC	2020	-	86	Good	100	0	0

TW C-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	5,135	91	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	5,135	AC	2020	-	91	Good	100	0	0

TL 01-10

3J1 - Ridgeland-Claude Dean Airport

TL 02

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TL 02	TAXILANE	1	4,633	100	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	4,633	AC	2023	-	100	Good	0	0	0

TL B

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TL B	TAXILANE	1	12,325	93	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	12,325	AC	2020	-	93	Good	100	0	0

TL B-10

3J1 - Ridgeland-Claude Dean Airport

TL C

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TL C	TAXILANE	4	21,525	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	4,940	AC	2020	-	92	Good	100	0	0
20	1,647	PCC	2007	-	13	Serious	36	61	3
30	3,369	AC	2021	-	91	Good	100	0	0
40	11,569	AC	1999	-	37	Very Poor	100	0	0

TL C-10

TL C-20

TL C-30

TL C-40

3J1 - Ridgeland-Claude Dean Airport

AP 01

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
AP 01	APRON	3	15,314	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	11,307	AC	2020	-	91	Good	100	0	0
20	2,296	AC	2008	-	66	Fair	100	0	0
30	1,711	PCC	2010	-	75	Satisfactory	92	8	0

AP 01-10

AP 01-20

AP 01-30

AP 02

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
AP 02	APRON	1	18,954	75	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	18,954	AC	1999	-	75	Satisfactory	100	0	0

AP 02-10

3J1 - Ridgeland-Claude Dean Airport

AP 03

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
AP 03	APRON	2	40,103	40	Very Poor

Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
10	37,005	AC	1999	-	37	Very Poor	100	0	0
20	3,098	AC	2008	-	70	Fair	100	0	0

AP 03-10

AP 03-20

3J1 - Ridgeland-Claude Dean Airport

AP 04

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
AP 04	APRON	3	170,926	96	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	83,235	AC	2020	-	92	Good	100	0	0
20	2,025	PCC	2020	-	95	Good	0	0	100
30	85,666	AC	2023	-	100	Good	0	0	0

AP 04-10

AP 04-20

Appendix E – Re-Inspection Report

Re-Inspection Report

SCAC_2024
Generated Date 6/17/2024

Network: 3J1 **Name:** RIDGELAND-CLAUDE DEAN AIRPORT

Branch: AP 01 **Name:** APRON 01 **Use:** APRON **Area:** 15,314 SqFt

Section: 10 of 3 **From:** - **To:** - **Last Const.:** 1/1/2020

Surface: AC **Family:** 2024_SC III IV-AP-AC **Zone:** **Category:** G **Rank:** T

Area: 11,307 SqFt **Length:** 217 Ft **Width:** 55 Ft

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

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

Section Comments:

Work Date: 6/1/1968	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 6/1/1968	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 6/1/1987	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 1/1/2010	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 1/1/2020	**Work Type:** Complete Reconstruction - AC	**Code:** CR-AC	**Is Major M&R:** True
Work Date: 1/2/2020	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 1/3/2020	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False

Last Insp. Date: 11/28/2023 **TotalSamples:** 2 **Surveyed:** 1

Conditions: **PCI:** 91

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5521.00 SqFt **PCI:** 91

Sample Comments:

48	L & T CR	L	8.00	Ft
57	WEATHERING	L	1328.00	SqFt
57	WEATHERING	M	210.00	SqFt

Network: 3J1 **Name:** RIDGELAND-CLAUDE DEAN AIRPORT

Branch: AP 01 **Name:** APRON 01 **Use:** APRON **Area:** 15,314 SqFt

Section: 20 of 3 **From:** - **To:** - **Last Const.:** 1/1/2008

Surface: AC **Family:** 2024_SC III IV-AP-AC **Zone:** **Category:** **Rank:** P

Area: 2,296 SqFt **Length:** 55 Ft **Width:** 49 Ft

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

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

Section Comments:

Work Date: 1/1/2008 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Last Insp. Date: 11/28/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 66

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 2296.00 SqFt **PCI:** 66

Sample Comments:

48	L & T CR	L	50.00	Ft
48	L & T CR	M	84.00	Ft
52	RAVELING	L	20.00	SqFt
57	WEATHERING	M	2276.00	SqFt

Network: 3J1 **Name:** RIDGELAND-CLAUDE DEAN AIRPORT

Branch: AP 02 **Name:** APRON 02 **Use:** APRON **Area:** 18,954 SqFt

Section: 10 of 1 **From:** - **To:** - **Last Const.:** 6/1/1999

Surface: AC **Family:** 2024_SC III IV-AP-AC **Zone:** **Category:** G **Rank:** T

Area: 18,954 SqFt **Length:** 199 Ft **Width:** 96 Ft

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

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

Section Comments:

Work Date: 6/1/1999 **Work Type:** Surface Course - AC (Layer Construct) **Code:** SU-AC **Is Major M&R:** False

Work Date: 6/1/1999 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Last Insp. Date: 11/28/2023 **TotalSamples:** 4 **Surveyed:** 1

Conditions: **PCI:** 75

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 5000.00 SqFt **PCI:** 75

Sample Comments:

48	L & T CR	L	31.00	Ft
57	WEATHERING	M	5000.00	SqFt

Network: 3J1 **Name:** RIDGELAND-CLAUDE DEAN AIRPORT

Branch: AP 03 **Name:** APRON 03 **Use:** APRON **Area:** 40,103 SqFt

Section: 10 of 2 **From:** - **To:** - **Last Const.:** 6/1/1999

Surface: AC **Family:** 2024_SC III IV-AP-AC **Zone:** **Category:** **Rank:** P

Area: 37,005 SqFt **Length:** 420 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: 6/1/1999 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 6/1/2019 **Work Type:** Patching - AC **Code:** PA-AC **Is Major M&R:** False

Last Insp. Date: 11/28/2023 **TotalSamples:** 8 **Surveyed:** 2

Conditions: **PCI:** 37

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 6428.00 SqFt **PCI:** 39

Sample Comments:

48	L & T CR	L	397.00	Ft
48	L & T CR	M	133.00	Ft
50	PATCHING	L	576.00	SqFt
50	PATCHING	M	1512.00	SqFt
57	WEATHERING	M	4340.00	SqFt

Sample Number: 07 **Type:** R **Area:** 4346.00 SqFt **PCI:** 33

Sample Comments:

48	L & T CR	L	107.00	Ft
48	L & T CR	M	72.00	Ft
52	RAVELING	M	4346.00	SqFt

Network: 3J1 **Name:** RIDGELAND-CLAUDE DEAN AIRPORT

Branch: AP 03 **Name:** APRON 03 **Use:** APRON **Area:** 40,103 SqFt

Section: 20 of 2 **From:** - **To:** - **Last Const.:** 1/1/2008

Surface: AC **Family:** 2024_SC III IV-AP-AC **Zone:** **Category:** **Rank:** P

Area: 3,098 SqFt **Length:** 68 Ft **Width:** 53 Ft

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

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

Section Comments:

Work Date: 1/1/2008 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Last Insp. Date: 11/28/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 70

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3098.00 SqFt **PCI:** 70

Sample Comments:

48	L & T CR	L	150.00	Ft
48	L & T CR	M	63.00	Ft
57	WEATHERING	M	3098.00	SqFt

Network: 3J1 **Name:** RIDGELAND-CLAUDE DEAN AIRPORT

Branch: AP 04 **Name:** APRON 04 **Use:** APRON **Area:** 170,926 SqFt

Section: 10 of 3 **From:** - **To:** - **Last Const.:** 1/1/2020

Surface: AC **Family:** 2024_SC III IV-AP-AC **Zone:** **Category:** **Rank:** P

Area: 83,235 SqFt **Length:** 420 Ft **Width:** 203 Ft

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

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

Section Comments:

Work Date: 1/1/2020 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Last Insp. Date: 11/28/2023 **TotalSamples:** 16 **Surveyed:** 4

Conditions: **PCI:** 92

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5300.00 SqFt **PCI:** 88

Sample Comments:

48	L & T CR	L	95.00	Ft
57	WEATHERING	L	2650.00	SqFt

Sample Number: 06 **Type:** R **Area:** 5000.00 SqFt **PCI:** 95

Sample Comments:

57	WEATHERING	L	2500.00	SqFt

Sample Number: 11 **Type:** R **Area:** 5000.00 SqFt **PCI:** 93

Sample Comments:

48	L & T CR	L	3.00	Ft
57	WEATHERING	L	2500.00	SqFt

Sample Number: 16 **Type:** R **Area:** 3975.00 SqFt **PCI:** 92

Sample Comments:

48	L & T CR	L	8.00	Ft
57	WEATHERING	L	1988.00	SqFt

Network: 3J1 **Name:** RIDGELAND-CLAUDE DEAN AIRPORT

Branch: RW 18 **Name:** RUNWAY 18-36 **Use:** RUNWAY **Area:** 314,925 SqFt

Section: 10 of 2 **From:** - **To:** - **Last Const.:** 1/1/2020

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

Area: 26,625 SqFt **Length:** 355 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: 1/1/2020	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 1/2/2020	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 1/3/2020	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False

Last Insp. Date: 11/28/2023 **TotalSamples:** 5 **Surveyed:** 1

Conditions: **PCI:** 92

Inspection Comments:

Sample Number: 03 **Type:** R **Area:** 5625.00 SqFt **PCI:** 92

Sample Comments:

48	L & T CR	L	18.00	Ft
57	WEATHERING	L	2812.00	SqFt

Network: 3J1 **Name:** RIDGELAND-CLAUDE DEAN AIRPORT

Branch: RW 18 **Name:** RUNWAY 18-36 **Use:** RUNWAY **Area:** 314,925 SqFt

Section: 20 of 2 **From:** - **To:** - **Last Const.:** 1/1/2019

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

Area: 288,300 SqFt **Length:** 3,844 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: 1/1/2019	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 1/2/2019	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 1/3/2019	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False

Last Insp. Date: 11/28/2023 **TotalSamples:** 52 **Surveyed:** 11

Conditions: **PCI:** 90

Inspection Comments:

Sample Number: 03 **Type:** R **Area:** 5625.00 SqFt **PCI:** 91

Sample Comments:

48	L & T CR	L	26.00	Ft
57	WEATHERING	L	2812.00	SqFt

Sample Number: 06 **Type:** R **Area:** 5625.00 SqFt **PCI:** 92

Sample Comments:

48	L & T CR	L	16.00	Ft
57	WEATHERING	L	2812.00	SqFt

Sample Number: 11 **Type:** R **Area:** 5625.00 SqFt **PCI:** 84

Sample Comments:

48	L & T CR	L	199.00	Ft
57	WEATHERING	L	4219.00	SqFt

Sample Number: 16 **Type:** R **Area:** 5625.00 SqFt **PCI:** 91

Sample Comments:

48	L & T CR	L	36.00	Ft
57	WEATHERING	L	2812.00	SqFt

Sample Number: 21 **Type:** R **Area:** 5625.00 SqFt **PCI:** 91

Sample Comments:

48	L & T CR	L	49.00	Ft
57	WEATHERING	L	2812.00	SqFt

Sample Number: 26 **Type:** R **Area:** 5625.00 SqFt **PCI:** 90

Sample Comments:

48	L & T CR	L	68.00	Ft
57	WEATHERING	L	2812.00	SqFt

Sample Number: 31 **Type:** R **Area:** 5625.00 SqFt **PCI:** 91

Sample Comments:

48	L & T CR	L	48.00	Ft
57	WEATHERING	L	2812.00	SqFt

Sample Number: 36 **Type:** R **Area:** 5625.00 SqFt **PCI:** 91

Sample Comments:

48	L & T CR	L	34.00	Ft
57	WEATHERING	L	2812.00	SqFt

Sample Number: 41 **Type:** R **Area:** 5625.00 SqFt **PCI:** 91

Sample Comments:

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

Sample Number:	46	**Type:**	R	**Area:**	5625.00 SqFt	**PCI:**	92

Sample Comments:

48	L & T CR	L	12.00	Ft
57	WEATHERING	L	2812.00	SqFt

Sample Number:	51	**Type:**	R	**Area:**	5625.00 SqFt	**PCI:**	92

Sample Comments:

48	L & T CR	L	13.00	Ft
57	WEATHERING	L	2812.00	SqFt

Network: 3J1 **Name:** RIDGELAND-CLAUDE DEAN AIRPORT

Branch: TL 01 **Name:** TAXILANE 01 **Use:** TAXILANE **Area:** 5,135 SqFt

Section: 10 of 1 **From:** - **To:** - **Last Const.:** 1/1/2020

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

Area: 5,135 SqFt **Length:** 75 Ft **Width:** 51 Ft

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

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

Section Comments:

Work Date: 1/1/2020 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Last Insp. Date: 11/28/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 91

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5135.00 SqFt **PCI:** 91

Sample Comments:

48	L & T CR	L	30.00	Ft
57	WEATHERING	L	2568.00	SqFt

Network: 3J1 **Name:** RIDGELAND-CLAUDE DEAN AIRPORT

Branch: TL B **Name:** TAXILANE B **Use:** TAXILANE **Area:** 12,325 SqFt

Section: 10 of 1 **From:** - **To:** - **Last Const.:** 1/1/2020

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

Area: 12,325 SqFt **Length:** 383 Ft **Width:** 35 Ft

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

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

Section Comments:

Work Date: 6/1/2007	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 1/1/2020	**Work Type:** Complete Reconstruction - AC	**Code:** CR-AC	**Is Major M&R:** True
Work Date: 1/2/2020	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 1/3/2020	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False

Last Insp. Date: 11/28/2023 **TotalSamples:** 3 **Surveyed:** 1

Conditions: **PCI:** 93

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4830.00 SqFt **PCI:** 93

Sample Comments:

48	L & T CR	L	7.00	Ft
57	WEATHERING	L	2415.00	SqFt

Network: 3J1 **Name:** RIDGELAND-CLAUDE DEAN AIRPORT

Branch: TL C **Name:** TAXILANE C **Use:** TAXILANE **Area:** 21,525 SqFt

Section: 10 of 4 **From:** - **To:** - **Last Const.:** 1/1/2020

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

Area: 4,940 SqFt **Length:** 252 Ft **Width:** 29 Ft

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

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

Section Comments:

Work Date: 1/1/2020	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 1/2/2020	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 1/3/2020	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False

Last Insp. Date: 11/28/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 92

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4940.00 SqFt **PCI:** 92

Sample Comments:

48	L & T CR	L	16.00	Ft
57	WEATHERING	L	2470.00	SqFt

Network: 3J1 **Name:** RIDGELAND-CLAUDE DEAN AIRPORT

Branch: TL C **Name:** TAXILANE C **Use:** TAXILANE **Area:** 21,525 SqFt

Section: 30 of 4 **From:** - **To:** - **Last Const.:** 1/1/2021

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

Area: 3,369 SqFt **Length:** 185 Ft **Width:** 15 Ft

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

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

Section Comments:

Work Date: 1/1/1994 **Work Type:** New Construction - PCC **Code:** NC-PC **Is Major M&R:** True

Work Date: 1/1/2021 **Work Type:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Last Insp. Date: 11/28/2023 **TotalSamples:** 2 **Surveyed:** 1

Conditions: **PCI:** 91

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 2100.00 SqFt **PCI:** 91

Sample Comments:

48	L & T CR	L	8.00	Ft
57	WEATHERING	L	1050.00	SqFt

Network: 3J1 **Name:** RIDGELAND-CLAUDE DEAN AIRPORT

Branch: TL C **Name:** TAXILANE C **Use:** TAXILANE **Area:** 21,525 SqFt

Section: 40 of 4 **From:** - **To:** - **Last Const.:** 6/1/1999

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

Area: 11,569 SqFt **Length:** 574 Ft **Width:** 29 Ft

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

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

Section Comments:

Work Date: 6/1/1999 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Last Insp. Date: 11/28/2023 **TotalSamples:** 2 **Surveyed:** 1

Conditions: **PCI:** 37

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 6687.00 SqFt **PCI:** 37

Sample Comments:

43	BLOCK CR	L	300.00	SqFt
48	L & T CR	L	393.00	Ft
48	L & T CR	M	119.00	Ft
50	PATCHING	L	165.00	SqFt
52	RAVELING	L	3913.00	SqFt
52	RAVELING	M	2609.00	SqFt

Network: 3J1 **Name:** RIDGELAND-CLAUDE DEAN AIRPORT

Branch: TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 151,788 SqFt

Section: 10 of 2 **From:** - **To:** - **Last Const.:** 1/1/2019

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

Area: 127,088 SqFt **Length:** 3,536 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: 1/1/2019	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 1/2/2019	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 1/3/2019	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False

Last Insp. Date: 11/28/2023 **TotalSamples:** 25 **Surveyed:** 5

Conditions: **PCI:** 92

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4848.00 SqFt **PCI:** 76

Sample Comments:

48	L & T CR	L	41.00	Ft
48	L & T CR	M	98.00	Ft
57	WEATHERING	L	2424.00	SqFt

Sample Number: 07 **Type:** R **Area:** 5250.00 SqFt **PCI:** 95

Sample Comments:

57	WEATHERING	L	2625.00	SqFt

Sample Number: 13 **Type:** R **Area:** 5250.00 SqFt **PCI:** 95

Sample Comments:

57	WEATHERING	L	2625.00	SqFt

Sample Number: 19 **Type:** R **Area:** 5250.00 SqFt **PCI:** 95

Sample Comments:

57	WEATHERING	L	2625.00	SqFt

Sample Number: 23 **Type:** R **Area:** 5250.00 SqFt **PCI:** 95

Sample Comments:

57	WEATHERING	L	2625.00	SqFt

Network: 3J1 **Name:** RIDGELAND-CLAUDE DEAN AIRPORT

Branch: TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 151,788 SqFt

Section: 20 of 2 **From:** - **To:** - **Last Const.:** 1/1/2020

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

Area: 24,700 SqFt **Length:** 692 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: 1/1/2020	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 1/2/2020	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 1/3/2020	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False

Last Insp. Date: 11/28/2023 **TotalSamples:** 5 **Surveyed:** 1

Conditions: **PCI:** 86

Inspection Comments:

Sample Number: 03 **Type:** R **Area:** 5250.00 SqFt **PCI:** 86

Sample Comments:

48	L & T CR	L	150.00	Ft
57	WEATHERING	L	2625.00	SqFt

Network: 3J1 **Name:** RIDGELAND-CLAUDE DEAN AIRPORT

Branch: TW A1 **Name:** TAXIWAY A1 **Use:** TAXIWAY **Area:** 5,948 SqFt

Section: 10 of 1 **From:** - **To:** - **Last Const.:** 1/1/2019

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

Area: 5,948 SqFt **Length:** 155 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: 1/1/2019	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 1/2/2019	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 1/3/2019	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False

Last Insp. Date: 11/28/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 93

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5948.00 SqFt **PCI:** 93

Sample Comments:

48	L & T CR	L	3.00	Ft
57	WEATHERING	L	2974.00	SqFt

Network: 3J1 **Name:** RIDGELAND-CLAUDE DEAN AIRPORT

Branch: TW A2 **Name:** TAXIWAY A2 **Use:** TAXIWAY **Area:** 11,917 SqFt

Section: 10 of 1 **From:** - **To:** - **Last Const.:** 1/1/2019

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

Area: 11,917 SqFt **Length:** 245 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: 1/1/2019	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 1/2/2019	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 1/3/2019	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False

Last Insp. Date: 11/28/2023 **TotalSamples:** 2 **Surveyed:** 1

Conditions: **PCI:** 95

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 6397.00 SqFt **PCI:** 95

Sample Comments:

57	WEATHERING	L	3198.00	SqFt

Network: 3J1 **Name:** RIDGELAND-CLAUDE DEAN AIRPORT

Branch: TW A3 **Name:** TAXIWAY A3 **Use:** TAXIWAY **Area:** 11,917 SqFt

Section: 10 of 1 **From:** - **To:** - **Last Const.:** 1/1/2019

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

Area: 11,917 SqFt **Length:** 245 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: 1/1/2019	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 1/2/2019	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 1/3/2019	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False

Last Insp. Date: 11/28/2023 **TotalSamples:** 2 **Surveyed:** 1

Conditions: **PCI:** 93

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 6397.00 SqFt **PCI:** 93

Sample Comments:

48	L & T CR	L	1.00	Ft
57	WEATHERING	L	3198.00	SqFt

Network: 3J1 **Name:** RIDGELAND-CLAUDE DEAN AIRPORT

Branch: TW A4 **Name:** TAXIWAY A4 **Use:** TAXIWAY **Area:** 11,917 SqFt

Section: 10 of 1 **From:** - **To:** - **Last Const.:** 1/1/2019

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

Area: 11,917 SqFt **Length:** 245 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: 1/1/2019	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 1/2/2019	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 1/3/2019	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False

Last Insp. Date: 11/28/2023 **TotalSamples:** 2 **Surveyed:** 1

Conditions: **PCI:** 93

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 6397.00 SqFt **PCI:** 93

Sample Comments:

48	L & T CR	L	5.00	Ft
57	WEATHERING	L	3198.00	SqFt

Network: 3J1 **Name:** RIDGELAND-CLAUDE DEAN AIRPORT

Branch: TW A5 **Name:** TAXIWAY A5 **Use:** TAXIWAY **Area:** 10,088 SqFt

Section: 10 of 1 **From:** - **To:** - **Last Const.:** 1/1/2020

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

Area: 10,088 SqFt **Length:** 251 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: 1/1/2020	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 1/2/2020	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 1/3/2020	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False

Last Insp. Date: 11/28/2023 **TotalSamples:** 2 **Surveyed:** 1

Conditions: **PCI:** 88

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5948.00 SqFt **PCI:** 88

Sample Comments:

48	L & T CR	L	104.00	Ft
57	WEATHERING	L	4461.00	SqFt

Network: 3J1 **Name:** RIDGELAND-CLAUDE DEAN AIRPORT

Branch: TW B **Name:** TAXIWAY B **Use:** TAXIWAY **Area:** 58,788 SqFt

Section: 10 of 3 **From:** - **To:** - **Last Const.:** 1/1/2009

Surface: AAC **Family:** 2024_SC III IV-TW TL-AC **Zone:** **Category:** G **Rank:** S

Area: 49,551 SqFt **Length:** 1,378 Ft **Width:** 35 Ft

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

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

Section Comments:

Work Date: 6/1/1968	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 6/1/1968	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 1/1/2009	**Work Type:** Mill and Overlay	**Code:** ML-OV	**Is Major M&R:** True

Last Insp. Date: 11/28/2023 **TotalSamples:** 9 **Surveyed:** 2

Conditions: **PCI:** 63

Inspection Comments:

Sample Number: 03 **Type:** R **Area:** 5250.00 SqFt **PCI:** 60

Sample Comments:

48	L & T CR	L	153.00	Ft
48	L & T CR	M	218.00	Ft
52	RAVELING	L	262.00	SqFt
56	SWELLING	L	14.00	SqFt
57	WEATHERING	M	4988.00	SqFt

Sample Number: 07 **Type:** R **Area:** 5250.00 SqFt **PCI:** 66

Sample Comments:

48	L & T CR	L	200.00	Ft
48	L & T CR	M	75.00	Ft
52	RAVELING	L	788.00	SqFt
57	WEATHERING	M	4462.00	SqFt

Network: 3J1 **Name:** RIDGELAND-CLAUDE DEAN AIRPORT

Branch: TW B **Name:** TAXIWAY B **Use:** TAXIWAY **Area:** 58,788 SqFt

Section: 20 of 3 **From:** - **To:** - **Last Const.:** 1/1/2020

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

Area: 5,487 SqFt **Length:** 144 Ft **Width:** 35 Ft

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

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

Section Comments:

Work Date: 6/1/1968	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 6/1/1968	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 1/1/2009	**Work Type:** Mill and Overlay	**Code:** ML-OV	**Is Major M&R:** True
Work Date: 1/1/2020	**Work Type:** Mill and Overlay	**Code:** ML-OV	**Is Major M&R:** True

Last Insp. Date: 11/28/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 91

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5487.00 SqFt **PCI:** 91

Sample Comments:

48	L & T CR	L	20.00	Ft
57	WEATHERING	L	2744.00	SqFt

Network: 3J1 **Name:** RIDGELAND-CLAUDE DEAN AIRPORT

Branch: TW B **Name:** TAXIWAY B **Use:** TAXIWAY **Area:** 58,788 SqFt

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

Surface: AAC **Family:** 2024_SC III IV-TW TL-AC **Zone:** **Category:** **Rank:** P

Area: 3,750 SqFt **Length:** 84 Ft **Width:** 61 Ft

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

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

Section Comments:

Work Date: 1/1/2019	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 1/2/2019	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 1/3/2019	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 1/1/2020	**Work Type:** Mill and Overlay	**Code:** ML-OV	**Is Major M&R:** True

Last Insp. Date: 11/28/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 91

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3750.00 SqFt **PCI:** 91

Sample Comments:

48	L & T CR	L	31.00	Ft
57	WEATHERING	L	1875.00	SqFt

Network: 3J1 **Name:** RIDGELAND-CLAUDE DEAN AIRPORT

Branch: TW B1 **Name:** TAXIWAY B1 **Use:** TAXIWAY **Area:** 5,541 SqFt

Section: 10 of 1 **From:** - **To:** - **Last Const.:** 1/1/2020

Surface: AC **Family:** 2024_SC III IV-TW TL-AC **Zone:** **Category:** G **Rank:** S

Area: 5,541 SqFt **Length:** 116 Ft **Width:** 35 Ft

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

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

Section Comments:

Work Date: 6/1/1999	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 6/1/1999	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 1/1/2020	**Work Type:** Complete Reconstruction - AC	**Code:** CR-AC	**Is Major M&R:** True
Work Date: 1/2/2020	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 1/3/2020	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False

Last Insp. Date: 11/28/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 92

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5541.00 SqFt **PCI:** 92

Sample Comments:

48	L & T CR	L	17.00	Ft
57	WEATHERING	L	2271.00	SqFt

Network: 3J1 **Name:** RIDGELAND-CLAUDE DEAN AIRPORT

Branch: TW B2 **Name:** TAXIWAY B2 **Use:** TAXIWAY **Area:** 4,201 SqFt

Section: 10 of 1 **From:** - **To:** - **Last Const.:** 1/1/2020

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

Area: 4,201 SqFt **Length:** 116 Ft **Width:** 44 Ft

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

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

Section Comments:

Work Date: 1/1/2020	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 1/2/2020	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 1/3/2020	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False

Last Insp. Date: 11/28/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 88

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4201.00 SqFt **PCI:** 88

Sample Comments:

48	L & T CR	L	82.00	Ft
57	WEATHERING	L	2100.00	SqFt

Network: 3J1 **Name:** RIDGELAND-CLAUDE DEAN AIRPORT

Branch: TW B3 **Name:** TAXIWAY B3 **Use:** TAXIWAY **Area:** 19,087 SqFt

Section: 10 of 3 **From:** - **To:** - **Last Const.:** 1/1/2020

Surface: AC **Family:** 2024_SC III IV-TW TL-AC **Zone:** **Category:** G **Rank:** S

Area: 6,143 SqFt **Length:** 307 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: 6/1/1968	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 6/1/1968	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 6/1/1987	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 1/1/2010	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 1/1/2020	**Work Type:** Complete Reconstruction - AC	**Code:** CR-AC	**Is Major M&R:** True
Work Date: 1/2/2020	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 1/3/2020	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False

Last Insp. Date: 11/28/2023 **TotalSamples:** 2 **Surveyed:** 1

Conditions: **PCI:** 93

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 4566.00 SqFt **PCI:** 93

Sample Comments:

48	L & T CR	L	23.00	Ft
57	WEATHERING	L	1142.00	SqFt

Network: 3J1 **Name:** RIDGELAND-CLAUDE DEAN AIRPORT

Branch: TW B3 **Name:** TAXIWAY B3 **Use:** TAXIWAY **Area:** 19,087 SqFt

Section: 20 of 3 **From:** - **To:** - **Last Const.:** 1/1/2020

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

Area: 2,300 SqFt **Length:** 118 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: 6/1/1968	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 6/1/1968	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 6/1/1987	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 1/1/2010	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 1/1/2020	**Work Type:** Mill and Overlay	**Code:** ML-OV	**Is Major M&R:** True

Last Insp. Date: 11/28/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 86

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 2300.00 SqFt **PCI:** 86

Sample Comments:

48	L & T CR	L	31.00	Ft
50	PATCHING	L	51.00	SqFt
57	WEATHERING	L	575.00	SqFt

Network: 3J1 **Name:** RIDGELAND-CLAUDE DEAN AIRPORT

Branch: TW B3 **Name:** TAXIWAY B3 **Use:** TAXIWAY **Area:** 19,087 SqFt

Section: 30 of 3 **From:** - **To:** - **Last Const.:** 1/1/2010

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

Area: 10,644 SqFt **Length:** 314 Ft **Width:** 47 Ft

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

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

Section Comments:

Work Date: 1/1/2010 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

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

Last Insp. Date: 11/28/2023 **TotalSamples:** 3 **Surveyed:** 1

Conditions: **PCI:** 70

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 2056.00 SqFt **PCI:** 70

Sample Comments:

48	L & T CR	L	75.00	Ft
52	RAVELING	L	206.00	SqFt
57	WEATHERING	M	1850.00	SqFt

Network: 3J1 **Name:** RIDGELAND-CLAUDE DEAN AIRPORT

Branch: TW C **Name:** TAXIWAY C **Use:** TAXIWAY **Area:** 6,866 SqFt

Section: 10 of 1 **From:** - **To:** - **Last Const.:** 1/1/2020

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

Area: 6,866 SqFt **Length:** 230 Ft **Width:** 25 Ft

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

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

Section Comments:

Work Date: 1/1/2020	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 1/2/2020	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 1/3/2020	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False

Last Insp. Date: 11/28/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 86

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 6866.00 SqFt **PCI:** 86

Sample Comments:

48	L & T CR	L	36.00	Ft
50	PATCHING	L	108.00	SqFt
57	WEATHERING	L	3379.00	SqFt

Kimley»Horn