SOUTH CAROLINA AERONAUTICS COMMISSION

STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

BNL - Barnwell Regional 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 Barnwell Regional Airport (BNL).

Figure 1 – Airport Layout

System Inventory

The pavements at Barnwell Regional Airport (BNL) include approximately 1.3 million square feet of airfield pavements consisting of runways, taxiways, 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.

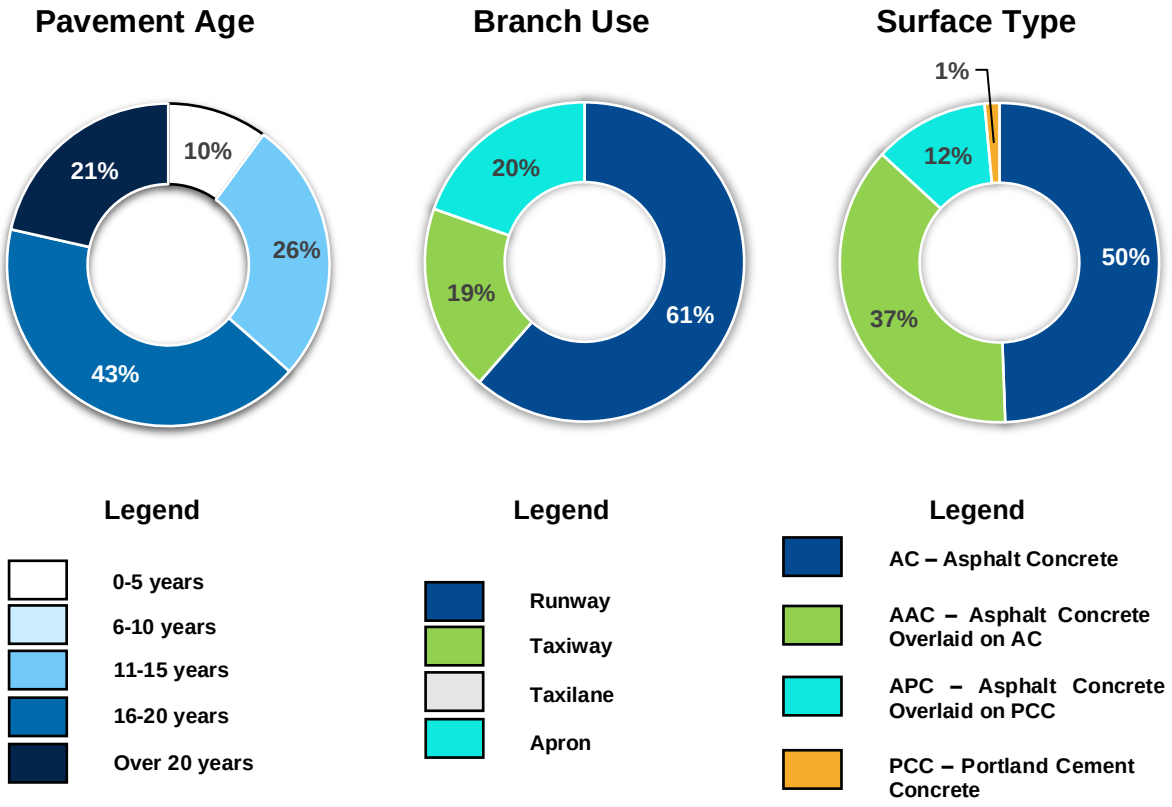
Each pavement update included a review of documentation of any maintenance and major rehabilitation related activities performed on the airfield pavements. The following table summarizes the projects that have occurred since the previous inspection.

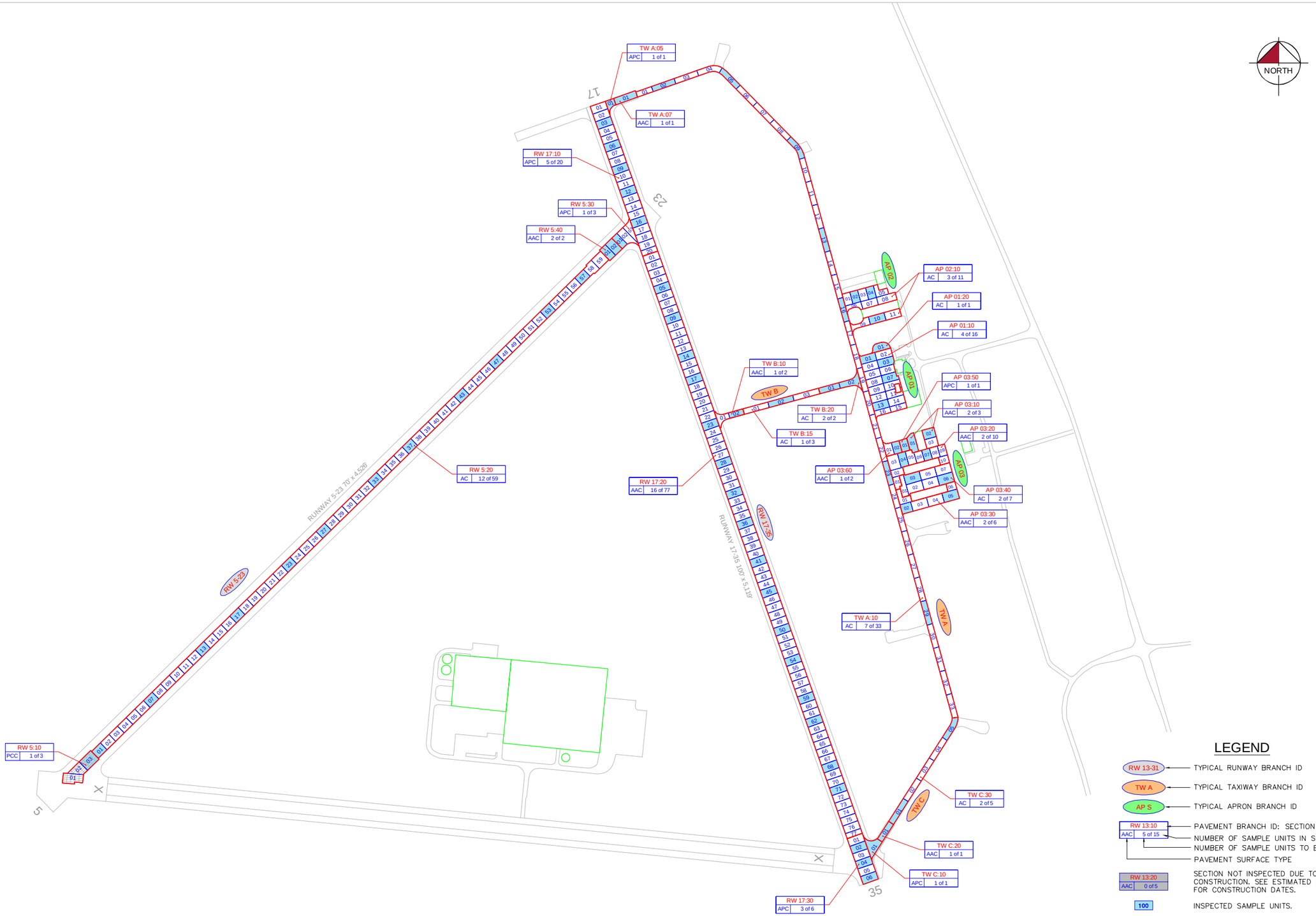
Table 1 - Recent Airfield Pavement Construction

Construction Year	Location	Work Type / Pavement Section
2020	AP 03	Mill and Overlay | 3.5" Mill, 3.5" P-401 Overlay
2020	AP 03	Reconstruction - AC | 3.5" P-401, EXISTING SUBGRADE
2020, 2023	RW 5	Patching - AC

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

Figure 2 – System Inventory Summary





LEGEND

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

TOTAL SAMPLES INSPECTED = 75
AC: 74 PCC: 1

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

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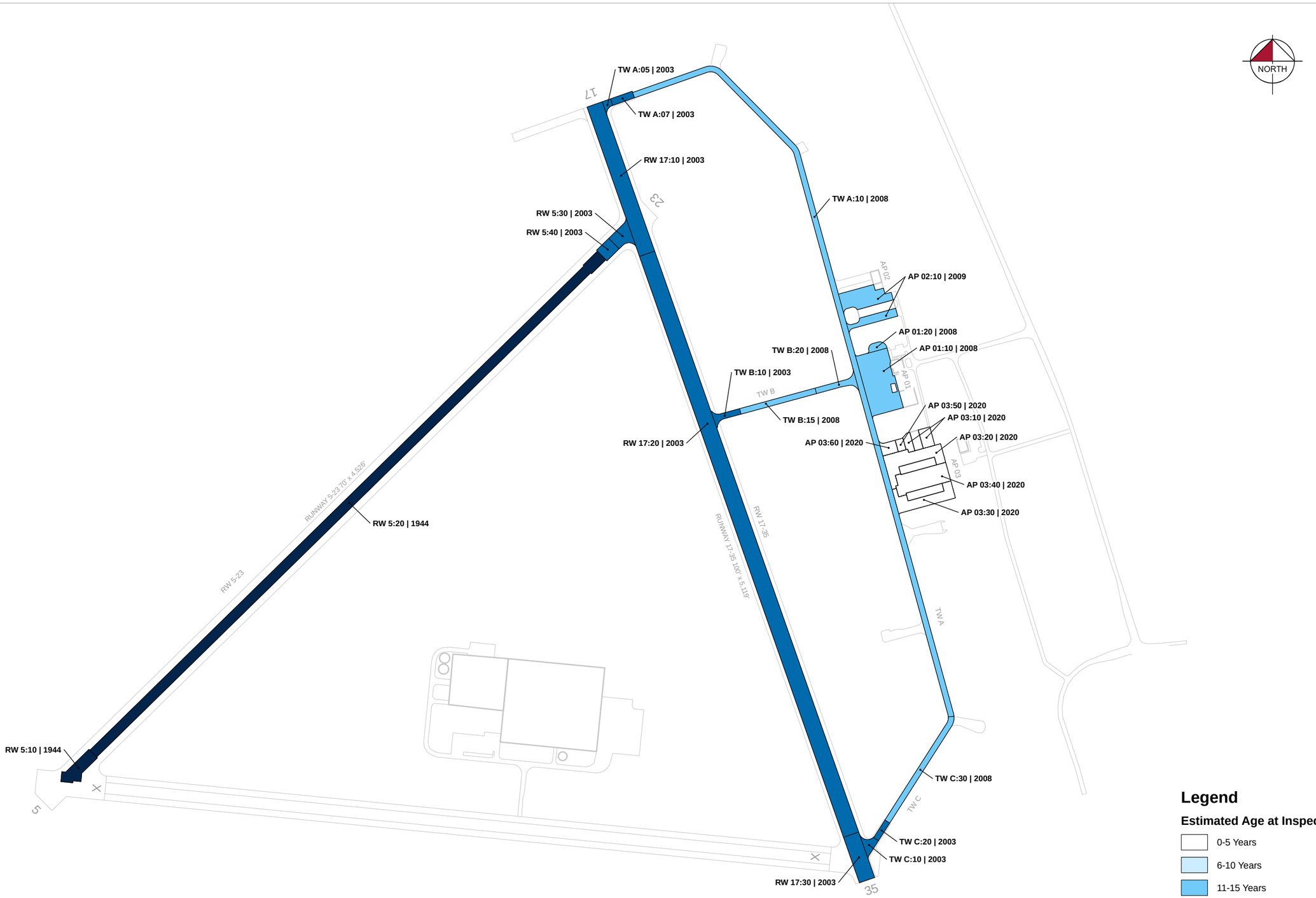
STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

BARNWELL REGIONAL AIRPORT (BNL)

AIRFIELD PAVEMENT NETWORK DEFINITION EXHIBIT

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

BARNWELL REGIONAL AIRPORT (BNL)

AIRFIELD PAVEMENT ESTIMATED AGE EXHIBIT

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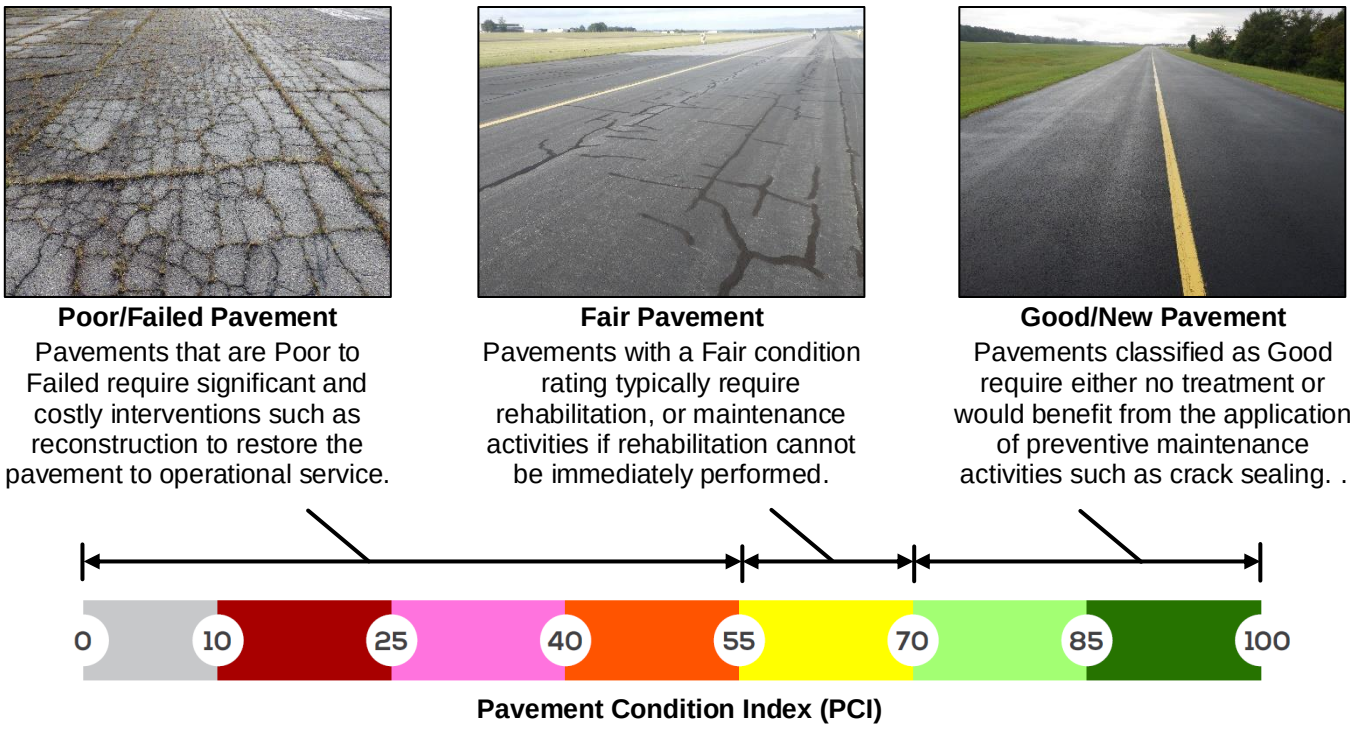
Functional Evaluation

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



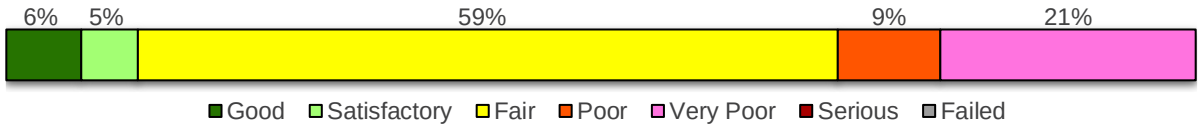
Critical PCI

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

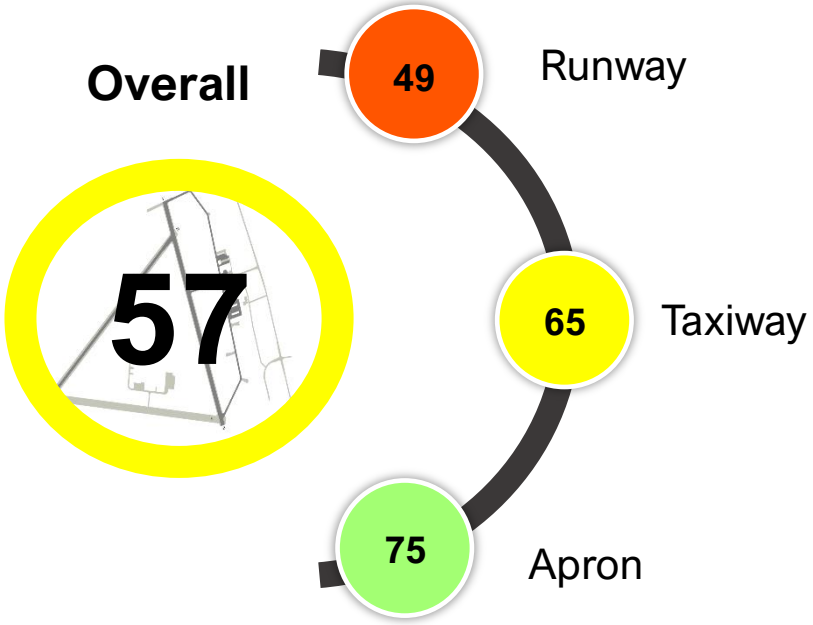
The PCI survey for Barnwell Regional Airport (BNL) was performed in October 2023. **The overall area-weighted average PCI value of the network was 57**, representing a condition rating of **Fair**. Approximately 11% of inspected pavements are in Good or Satisfactory condition, 59% of inspected pavements are in Fair condition, and the remaining 30% 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

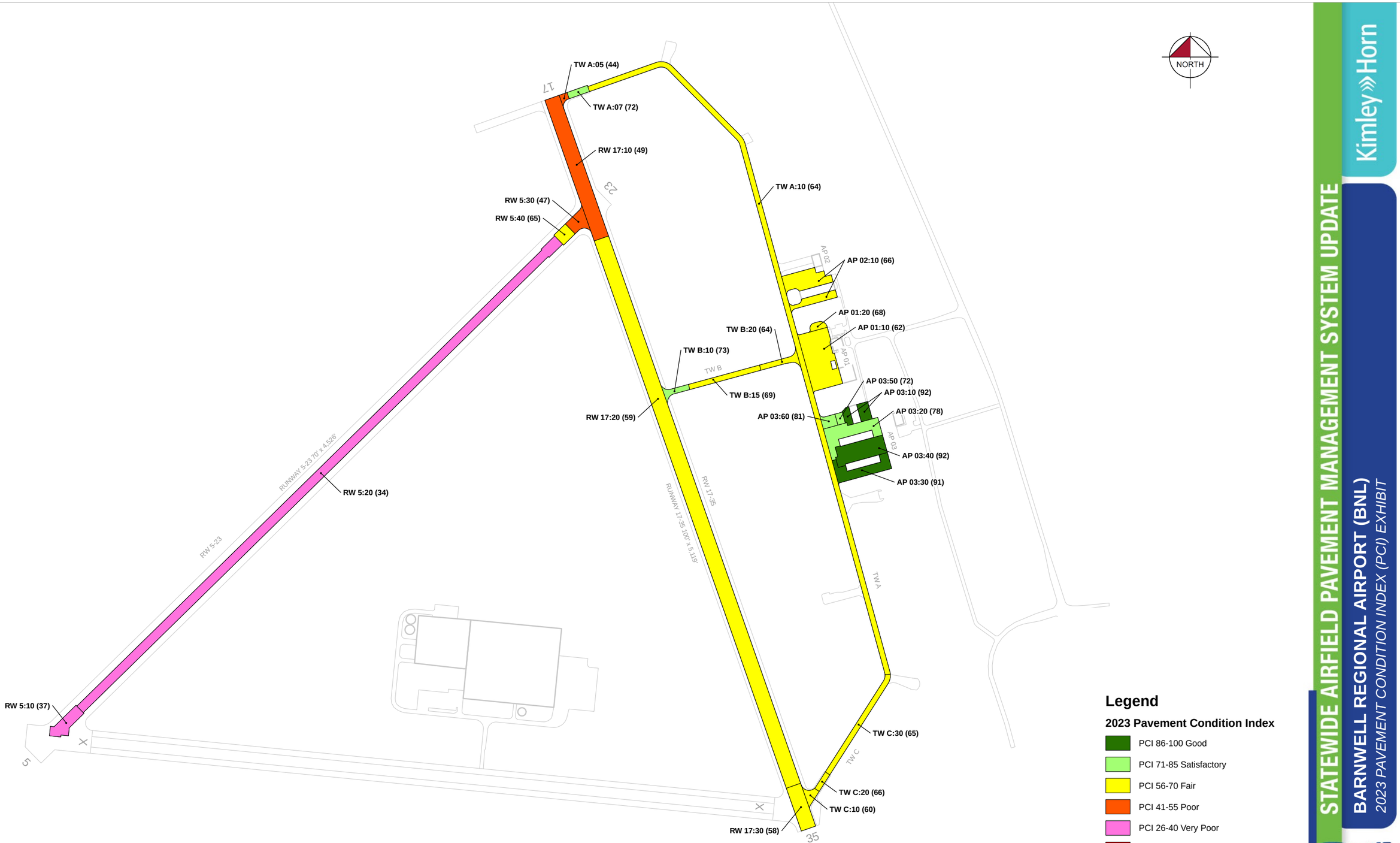


BNL - Barnwell Regional Airport

Table 2 – Current Pavement Condition Index Summary - Section

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
BNL	AP 01	Apron	10	75,729	AC	62	Fair	82	0	18
BNL	AP 01	Apron	20	5,001	AC	68	Fair	100	0	0
BNL	AP 02	Apron	10	47,278	AC	66	Fair	100	0	0
BNL	AP 03	Apron	10	14,447	AAC	92	Good	100	0	0
BNL	AP 03	Apron	20	38,746	AAC	78	Satisfactory	71	0	29
BNL	AP 03	Apron	30	29,551	AAC	91	Good	100	0	0
BNL	AP 03	Apron	40	40,455	AC	92	Good	100	0	0
BNL	AP 03	Apron	50	3,755	APC	72	Satisfactory	100	0	0
BNL	AP 03	Apron	60	7,693	AAC	81	Satisfactory	100	0	0
BNL	RW 17	Runway	10	98,500	APC	49	Poor	98	0	2
BNL	RW 17	Runway	20	383,300	AAC	59	Fair	98	0	2
BNL	RW 17	Runway	30	30,000	APC	58	Fair	100	0	0
BNL	RW 5	Runway	10	20,041	PCC	37	Very Poor	17	78	5
BNL	RW 5	Runway	20	267,710	AC	34	Very Poor	100	0	0
BNL	RW 5	Runway	30	14,125	APC	47	Poor	100	0	0
BNL	RW 5	Runway	40	9,844	AAC	65	Fair	100	0	0
BNL	TW A	Taxiway	05	2,918	APC	44	Poor	100	0	0
BNL	TW A	Taxiway	07	6,192	AAC	72	Satisfactory	100	0	0
BNL	TW A	Taxiway	10	171,570	AC	64	Fair	100	0	0
BNL	TW B	Taxiway	10	7,415	AAC	73	Satisfactory	100	0	0
BNL	TW B	Taxiway	15	17,044	AC	69	Fair	100	0	0
BNL	TW B	Taxiway	20	10,770	AC	64	Fair	100	0	0
BNL	TW C	Taxiway	10	6,756	APC	60	Fair	100	0	0
BNL	TW C	Taxiway	20	4,561	AAC	66	Fair	100	0	0
BNL	TW C	Taxiway	30	26,900	AC	65	Fair	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

BARNWELL REGIONAL AIRPORT (BNL)

2023 PAVEMENT CONDITION INDEX (PCI) EXHIBIT

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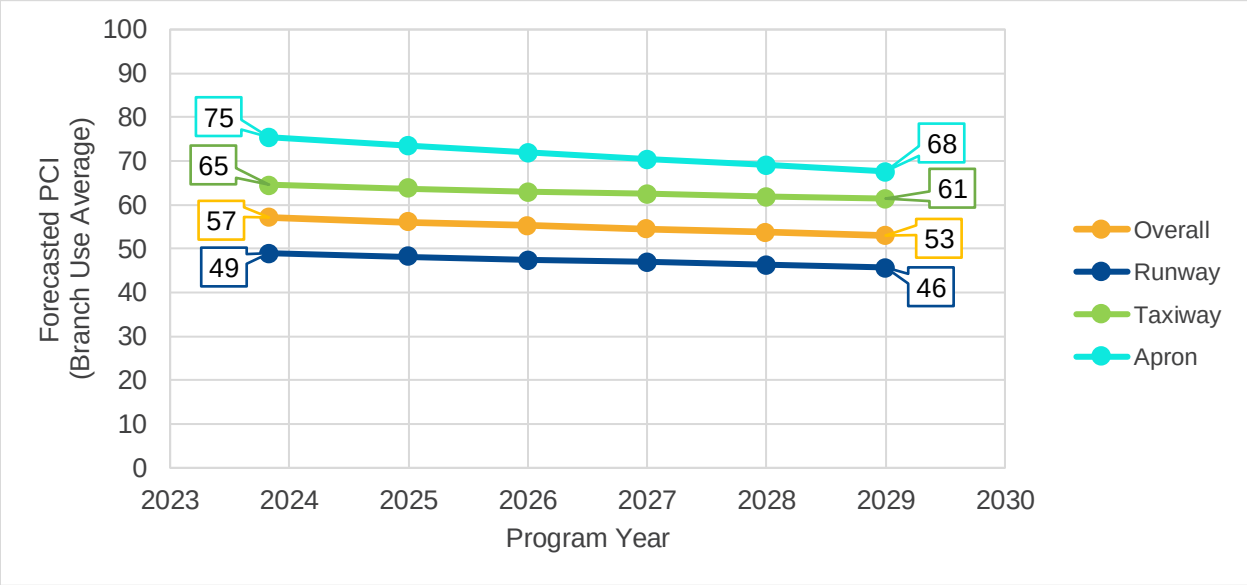
Pavement Condition Forecast

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, Taxiways, and Aprons) 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 BNL.

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.

BNL - Barnwell Regional 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
BNL	AP 01	10	62	61	60	59	58	57
BNL	AP 01	20	68	66	65	64	63	62
BNL	AP 02	10	66	65	63	62	61	60
BNL	AP 03	10	92	89	87	85	83	81
BNL	AP 03	20	78	76	74	73	71	70
BNL	AP 03	30	91	88	86	84	82	80
BNL	AP 03	40	92	89	87	85	83	81
BNL	AP 03	50	72	70	69	68	66	65
BNL	AP 03	60	81	79	77	75	74	72
BNL	RW 17	10	49	49	48	48	48	47
BNL	RW 17	20	59	58	58	57	56	56
BNL	RW 17	30	58	57	57	56	55	55
BNL	RW 5	10	37	36	36	35	35	35
BNL	RW 5	20	34	33	32	32	31	30
BNL	RW 5	30	47	47	46	46	46	45
BNL	RW 5	40	65	64	63	62	61	60
BNL	TW A	05	44	43	42	42	41	40
BNL	TW A	07	72	71	69	68	67	66
BNL	TW A	10	64	63	63	62	62	61
BNL	TW B	10	73	71	70	69	68	67
BNL	TW B	15	69	68	67	66	65	64
BNL	TW B	20	64	63	63	62	62	61
BNL	TW C	10	60	59	59	58	57	56
BNL	TW C	20	66	65	64	64	63	62
BNL	TW C	30	65	64	63	63	62	62

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

BARNWELL REGIONAL AIRPORT (BNL)

2029 FORECASTED PAVEMENT CONDITION INDEX (PCI) EXHIBIT

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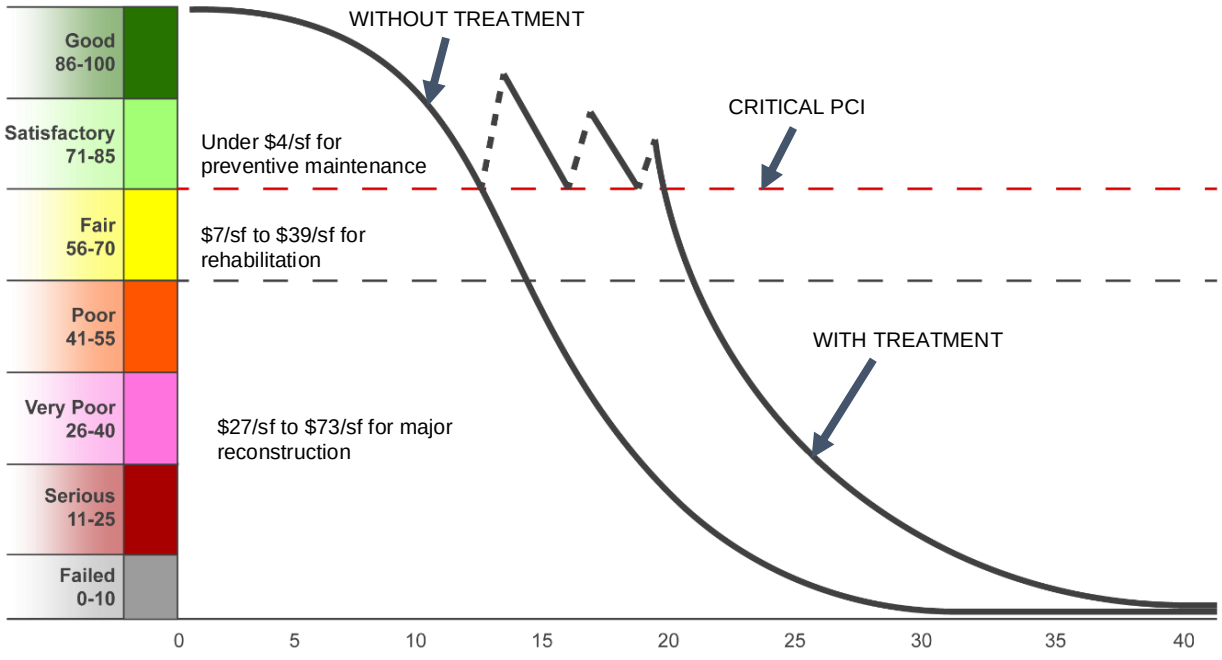
M&R Overview

An analysis was performed to assess the pavement maintenance and rehabilitation (M&R) needs at BNL 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	1,903	LF	$ 8,140
	Surface Seal	681	SF	$ 1,140
	AC Full-Depth Patching	164	SF	$ 5,400
			Localized Preventive Maintenance Total =	$ 14,680
Localized Stopgap Maintenance	AC Crack Sealing Narrow	114,749	LF	$ 487,800
	AC Crack Sealing Wide	4,146	LF	$ 97,450
	Surface Seal	333,512	SF	$ 550,370
	AC Partial-Depth Patching	396	SF	$ 5,760
	PCC Crack Seal	1,000	LF	$ 7,250
	PCC Joint Seal	1,725	LF	$ 20,710
			Localized Stopgap Maintenance Total =	$ 1,169,340
			Planning-Level Localized M&R Needs =	$ 1,184,020

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

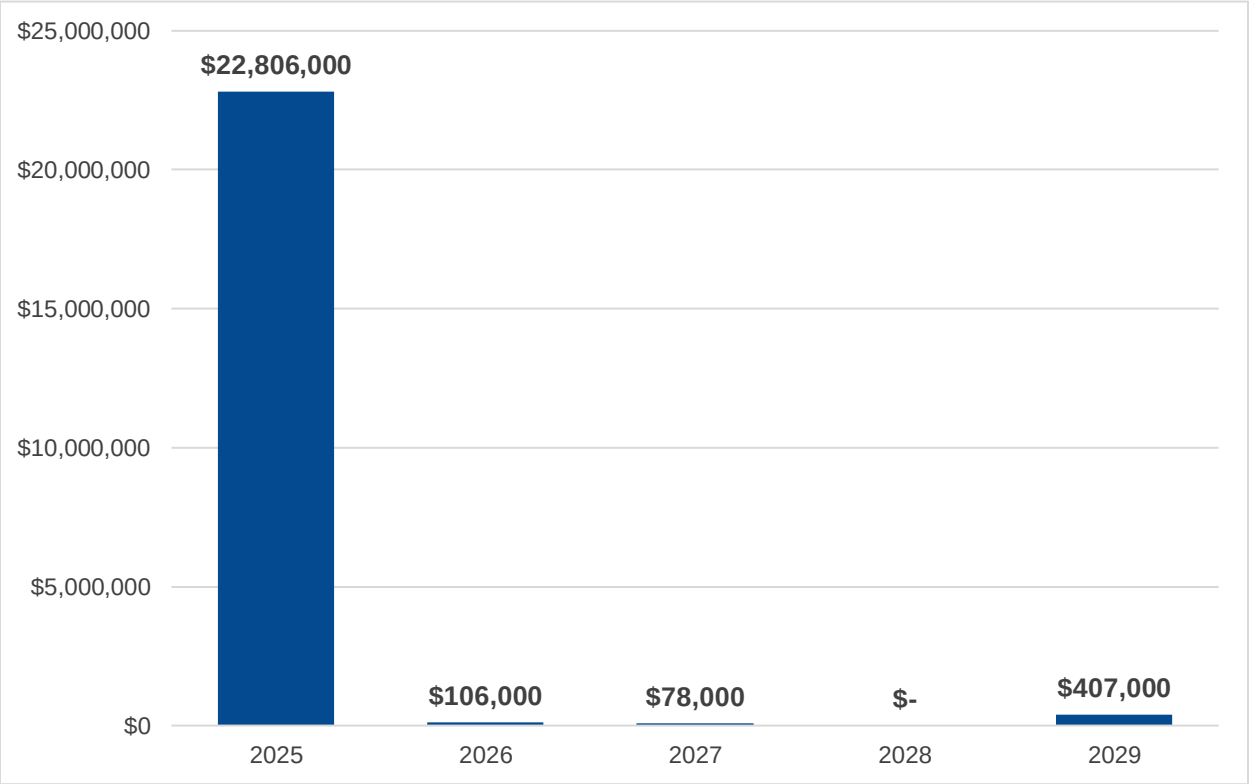
The 5-year major rehabilitation needs analysis at BNL results in a total 5-year cost of $23.4M. The **5-Year Major Rehabilitation Needs Exhibit** graphically depicts the major rehabilitation needs at a section-level which are also summarized in **Table 5** with rounded costs. Annual needs are displayed graphically in **Figure 8**.

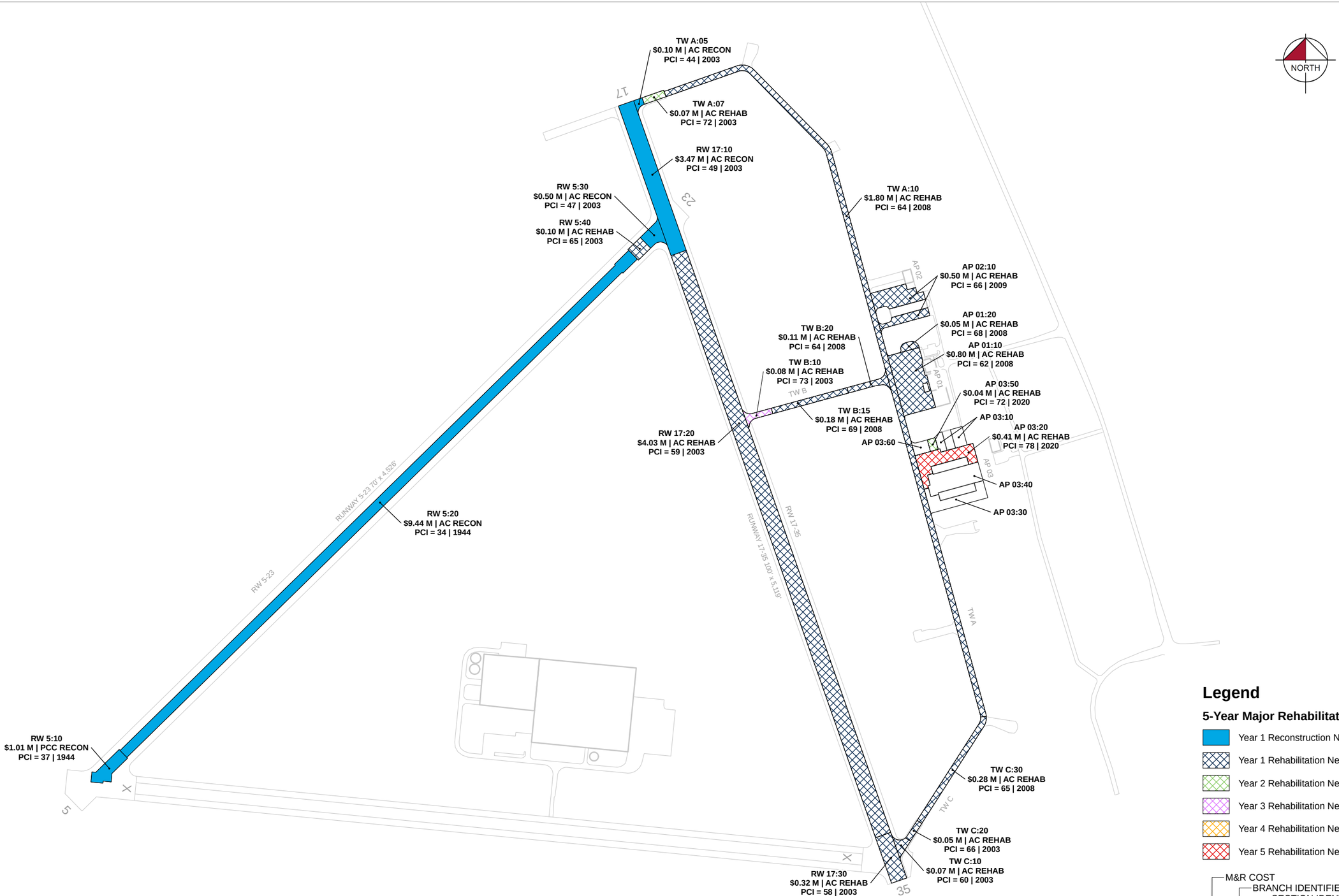
Table 5 – 5-Year Major Rehabilitation Needs

Program Year	Network ID	Branch ID	Section ID	Surface	Area (SF)	PCI Before	Rehabilitation Type	Planning Cost Estimate
2025	**BNL**	AP 01	10	AC	75,729	61	AC Rehabilitation	$ 796,000
2025	**BNL**	AP 01	20	AC	5,001	66	AC Rehabilitation	$ 53,000
2025	**BNL**	AP 02	10	AC	47,278	65	AC Rehabilitation	$ 497,000
2025	**BNL**	RW 17	10	APC	98,500	49	AC Reconstruction	$ 3,473,000
2025	**BNL**	RW 17	20	AAC	383,300	58	AC Rehabilitation	$ 4,025,000
2025	**BNL**	RW 17	30	APC	30,000	57	AC Rehabilitation	$ 315,000
2025	**BNL**	RW 5	10	PCC	20,041	36	PCC Reconstruction	$ 1,008,000
2025	**BNL**	RW 5	20	AC	267,710	33	AC Reconstruction	$ 9,437,000
2025	**BNL**	RW 5	30	APC	14,125	47	AC Reconstruction	$ 498,000
2025	**BNL**	RW 5	40	AAC	9,844	64	AC Rehabilitation	$ 104,000
2025	**BNL**	TW A	05	APC	2,918	43	AC Reconstruction	$ 103,000
2025	**BNL**	TW A	10	AC	171,570	63	AC Rehabilitation	$ 1,802,000
2025	**BNL**	TW B	15	AC	17,044	68	AC Rehabilitation	$ 179,000
2025	**BNL**	TW B	20	AC	10,770	63	AC Rehabilitation	$ 114,000
2025	**BNL**	TW C	10	APC	6,756	59	AC Rehabilitation	$ 71,000
2025	**BNL**	TW C	20	AAC	4,561	65	AC Rehabilitation	$ 48,000
2025	**BNL**	TW C	30	AC	26,900	64	AC Rehabilitation	$ 283,000
2026	**BNL**	AP 03	50	APC	3,755	69	AC Rehabilitation	$ 40,000
2026	**BNL**	TW A	07	AAC	6,192	69	AC Rehabilitation	$ 66,000
2027	**BNL**	TW B	10	AAC	7,415	69	AC Rehabilitation	$ 78,000
2029	**BNL**	AP 03	20	AAC	38,746	70	AC Rehabilitation	$ 407,000
							Total 5-Year Major Rehabilitation Needs =	**$ 23,397,000**

BNL - Barnwell Regional Airport

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





Legend

5-Year Major Rehabilitation Needs

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

M&R COST — BRANCH IDENTIFIER — SECTION IDENTIFIER — 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

BARNWELL REGIONAL AIRPORT (BNL)

5-YEAR MAJOR REHABILITATION EXHIBIT

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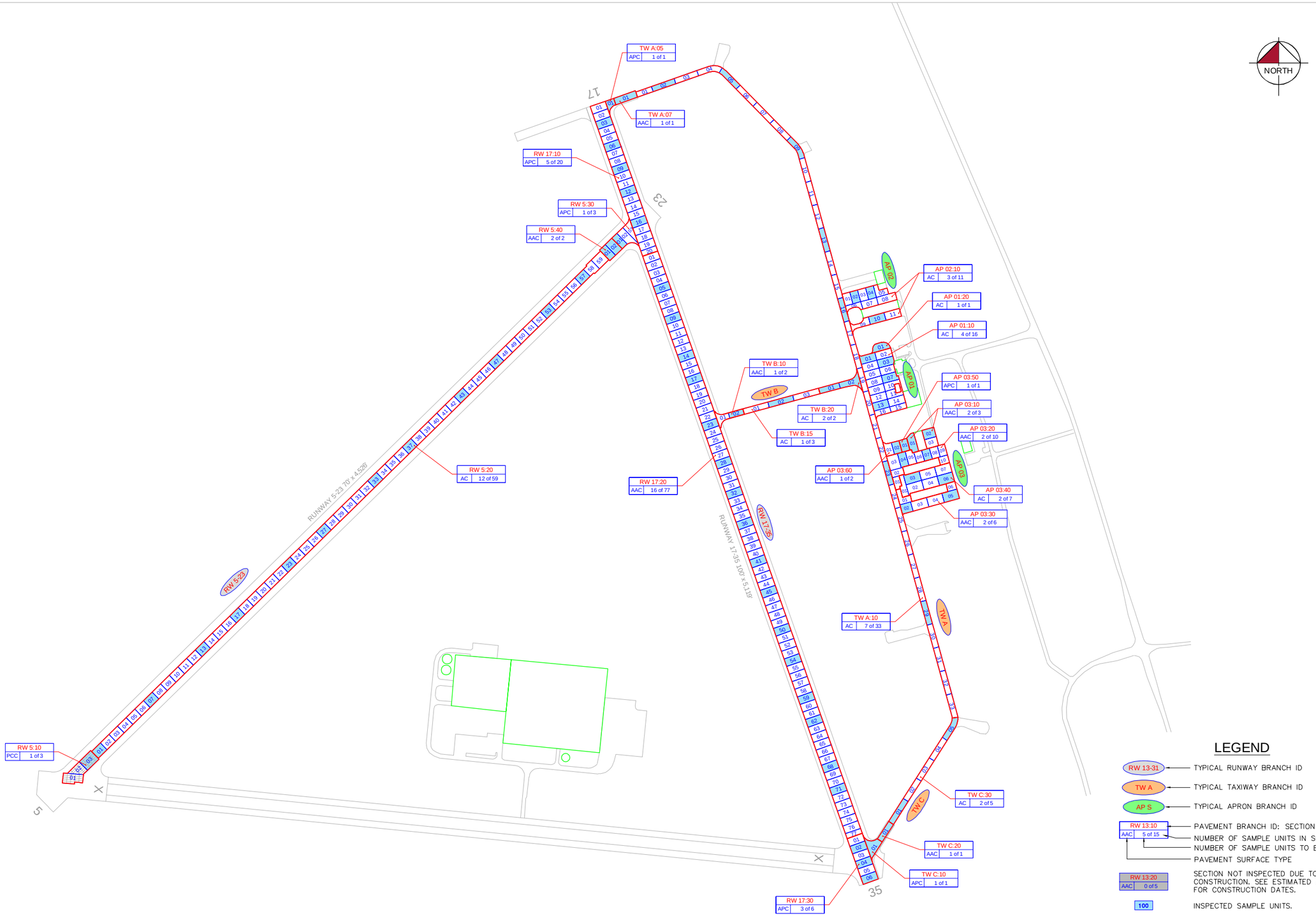
SECTION I

Appendices

Appendix A – Exhibits



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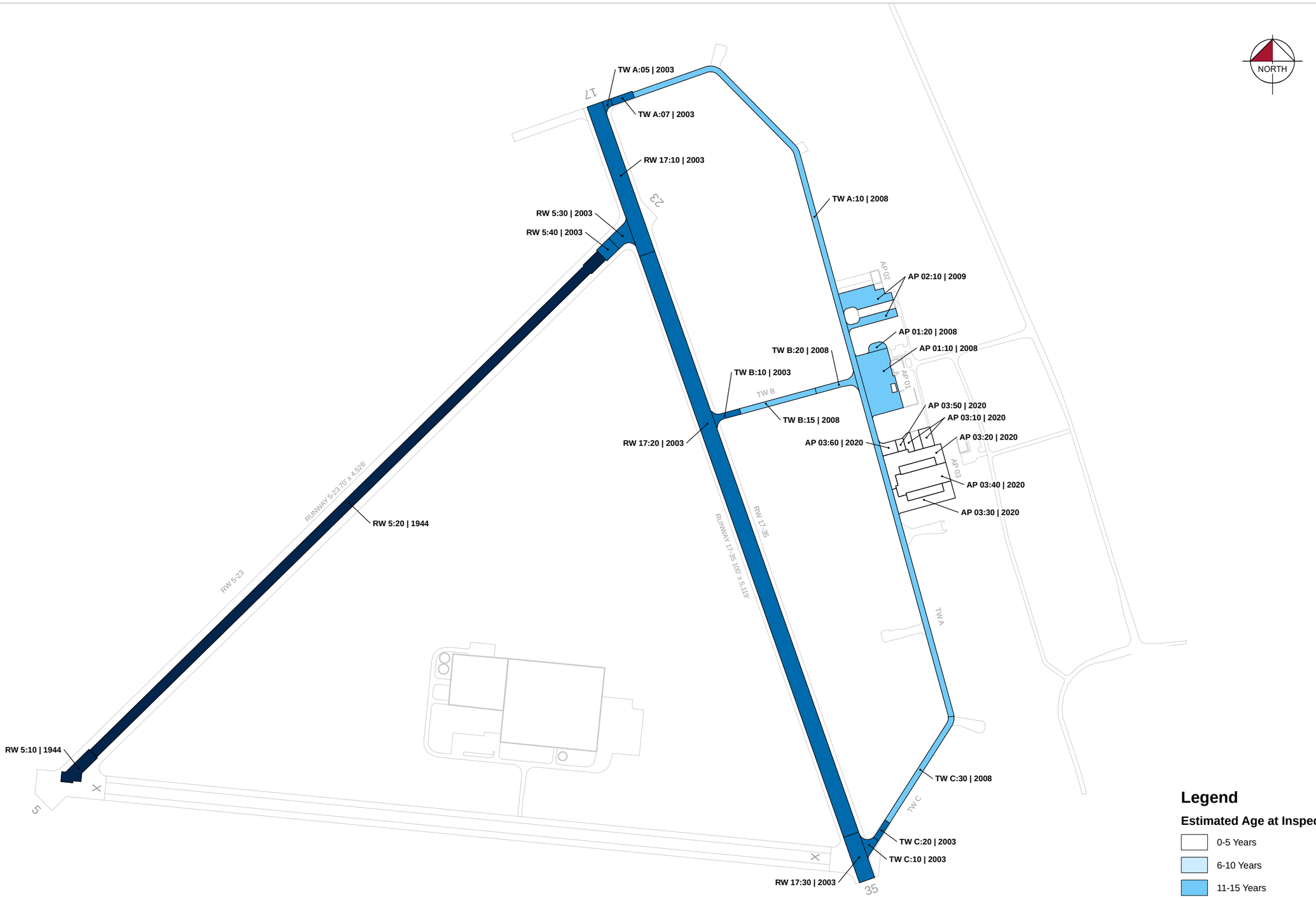
BARNWELL REGIONAL AIRPORT (BNL)

AIRFIELD PAVEMENT NETWORK DEFINITION EXHIBIT

SOUTH CAROLINA AERONAUTICS



Legend

Estimated Age at Inspection

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BRANCH IDENTIFIER
SECTION IDENTIFIER
TWA:20 | 1985
LAST MAJOR WORK DATE

STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

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AIRFIELD PAVEMENT ESTIMATED AGE EXHIBIT

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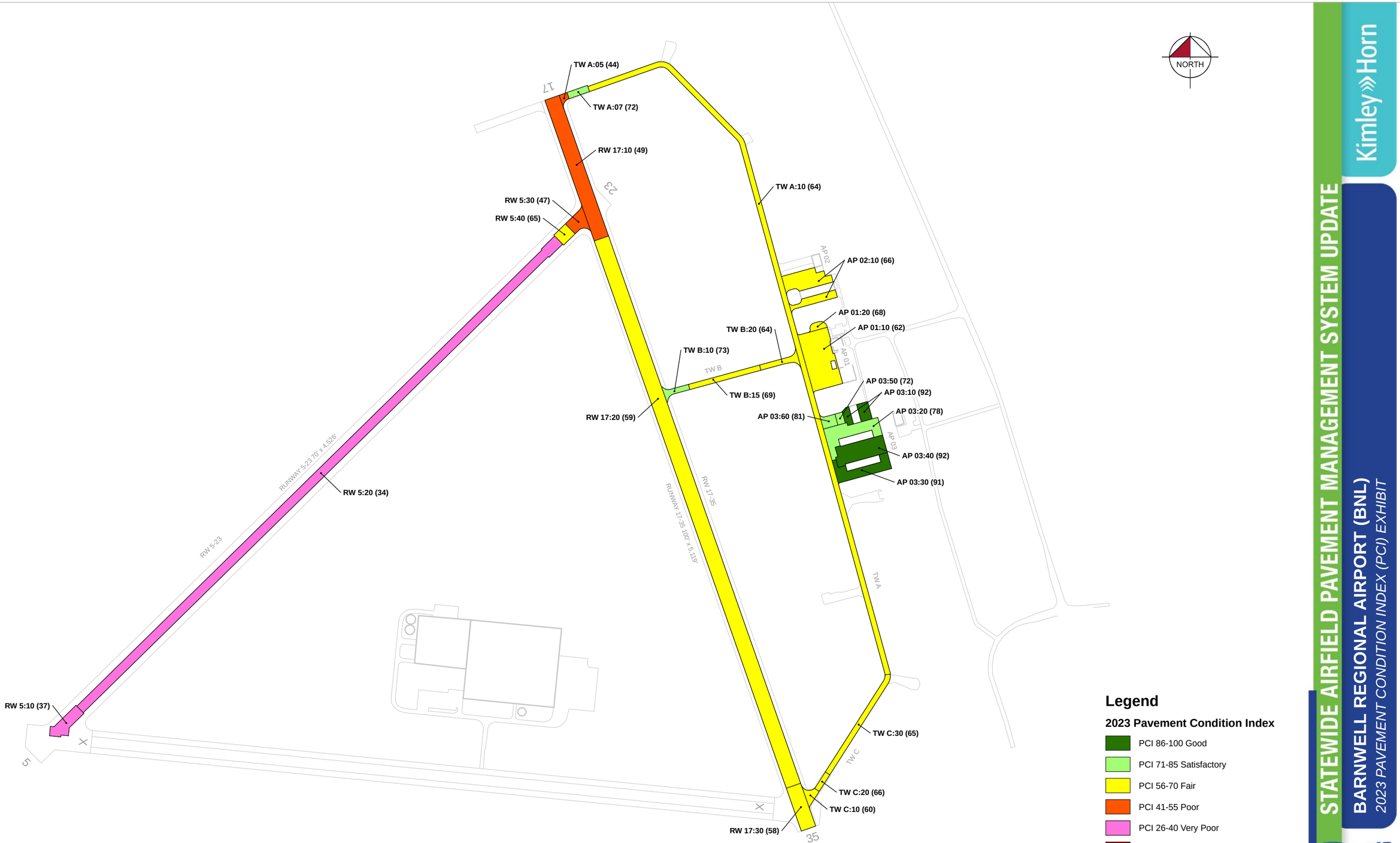

Legend

2023 Pavement Condition Index

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- PCI 56-70 Fair
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- 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

BARNWELL REGIONAL AIRPORT (BNL)

2023 PAVEMENT CONDITION INDEX (PCI) EXHIBIT

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SOUTH CAROLINA AERONAUTICS

Legend

2029 Forecasted Pavement Condition Index

- PCI 86-100 Good
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- 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

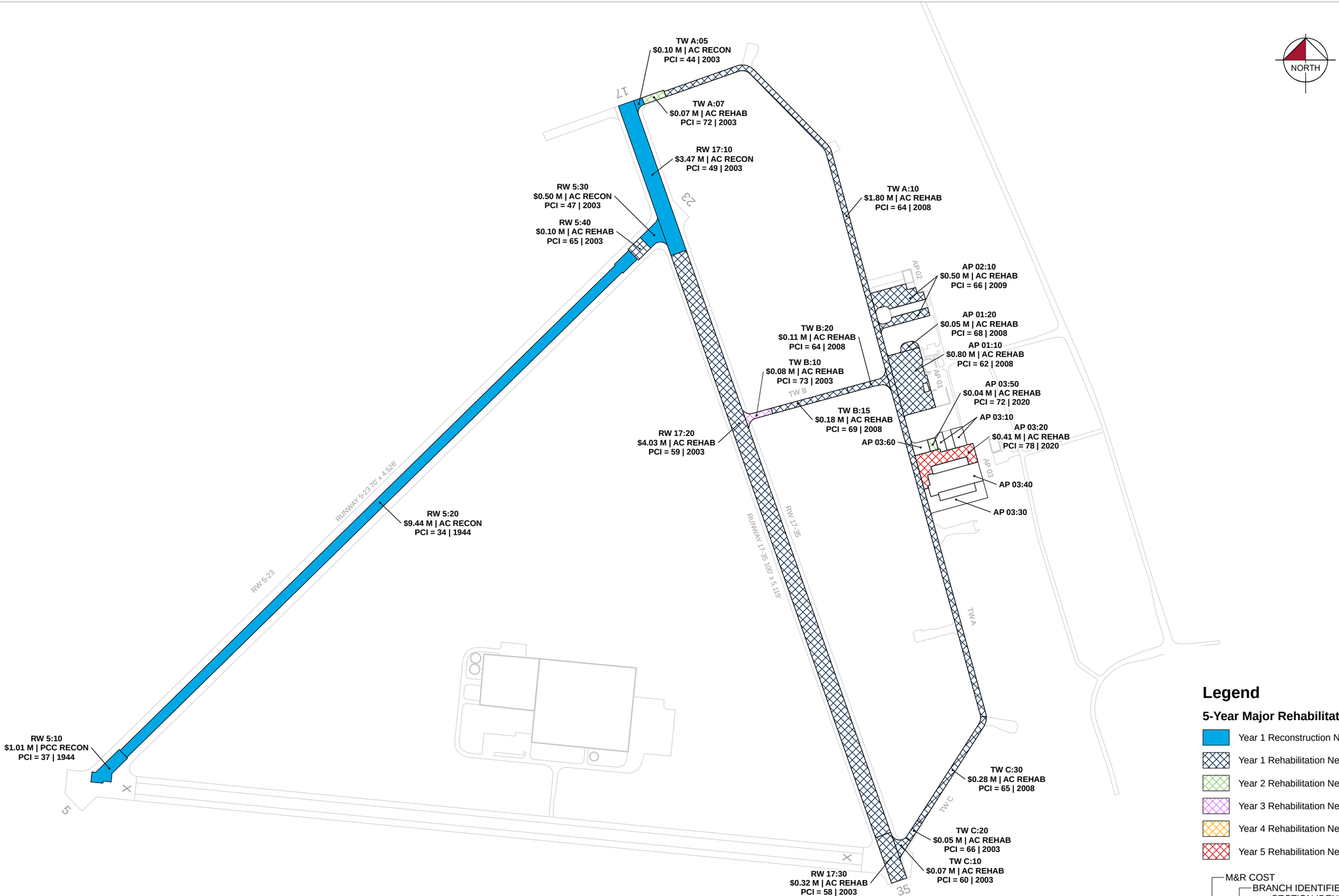
STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

BARNWELL REGIONAL AIRPORT (BNL)

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

BARNWELL REGIONAL AIRPORT (BNL)

5-YEAR MAJOR REHABILITATION EXHIBIT

Kimley»Horn

SOUTH CAROLINA AERONAUTICS

Appendix B – Analysis Tables

BNL - Barnwell Regional Airport

Table B1 – System Inventory Data – Section

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface Type	Estimate of Last Construction Date
BNL	AP 01	Apron	10	75,729	AC	8/1/2008
BNL	AP 01	Apron	20	5,001	AC	8/1/2008
BNL	AP 02	Apron	10	47,278	AC	6/1/2009
BNL	AP 03	Apron	10	14,447	AAC	1/1/2020
BNL	AP 03	Apron	20	38,746	AAC	1/1/2020
BNL	AP 03	Apron	30	29,551	AAC	1/1/2020
BNL	AP 03	Apron	40	40,455	AC	1/1/2020
BNL	AP 03	Apron	50	3,755	APC	1/1/2020
BNL	AP 03	Apron	60	7,693	AAC	1/1/2020
BNL	RW 17	Runway	10	98,500	APC	7/1/2003
BNL	RW 17	Runway	20	383,300	AAC	7/1/2003
BNL	RW 17	Runway	30	30,000	APC	7/1/2003
BNL	RW 5	Runway	10	20,041	PCC	6/1/1944
BNL	RW 5	Runway	20	267,710	AC	6/1/1944
BNL	RW 5	Runway	30	14,125	APC	7/1/2003
BNL	RW 5	Runway	40	9,844	AAC	7/1/2003
BNL	TW A	Taxiway	05	2,918	APC	7/1/2003
BNL	TW A	Taxiway	07	6,192	AAC	7/1/2003
BNL	TW A	Taxiway	10	171,570	AC	8/1/2008
BNL	TW B	Taxiway	10	7,415	AAC	7/1/2003
BNL	TW B	Taxiway	15	17,044	AC	8/1/2008
BNL	TW B	Taxiway	20	10,770	AC	8/1/2008
BNL	TW C	Taxiway	10	6,756	APC	7/1/2003
BNL	TW C	Taxiway	20	4,561	AAC	7/1/2003
BNL	TW C	Taxiway	30	26,900	AC	8/1/2008

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	80,730	62	Fair
AP 02	Apron	1	47,278	66	Fair
AP 03	Apron	6	134,647	87	Good
RW 17	Runway	3	511,800	57	Fair
RW 5	Runway	4	311,720	36	Very Poor
TW A	Taxiway	3	180,680	64	Fair
TW B	Taxiway	3	35,229	68	Fair
TW C	Taxiway	3	38,217	64	Fair

BNL - Barnwell Regional Airport

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

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other	Sample Units Inspected	Total Sample Units in Section
BNL	AP 01	Apron	10	75,729	AC	62	Fair	82	0	18	4	16
BNL	AP 01	Apron	20	5,001	AC	68	Fair	100	0	0	1	1
BNL	AP 02	Apron	10	47,278	AC	66	Fair	100	0	0	3	11
BNL	AP 03	Apron	10	14,447	AAC	92	Good	100	0	0	2	4
BNL	AP 03	Apron	20	38,746	AAC	78	Satisfactory	71	0	29	2	10
BNL	AP 03	Apron	30	29,551	AAC	91	Good	100	0	0	2	6
BNL	AP 03	Apron	40	40,455	AC	92	Good	100	0	0	2	7
BNL	AP 03	Apron	50	3,755	APC	72	Satisfactory	100	0	0	1	1
BNL	AP 03	Apron	60	7,693	AAC	81	Satisfactory	100	0	0	1	1
BNL	RW 17	Runway	10	98,500	APC	49	Poor	98	0	2	5	20
BNL	RW 17	Runway	20	383,300	AAC	59	Fair	98	0	2	16	77
BNL	RW 17	Runway	30	30,000	APC	58	Fair	100	0	0	3	6
BNL	RW 5	Runway	10	20,041	PCC	37	Very Poor	17	78	5	1	3
BNL	RW 5	Runway	20	267,710	AC	34	Very Poor	100	0	0	12	59
BNL	RW 5	Runway	30	14,125	APC	47	Poor	100	0	0	1	3
BNL	RW 5	Runway	40	9,844	AAC	65	Fair	100	0	0	2	2
BNL	TW A	Taxiway	05	2,918	APC	44	Poor	100	0	0	1	1
BNL	TW A	Taxiway	07	6,192	AAC	72	Satisfactory	100	0	0	1	1
BNL	TW A	Taxiway	10	171,570	AC	64	Fair	100	0	0	7	36
BNL	TW B	Taxiway	10	7,415	AAC	73	Satisfactory	100	0	0	1	2
BNL	TW B	Taxiway	15	17,044	AC	69	Fair	100	0	0	1	3
BNL	TW B	Taxiway	20	10,770	AC	64	Fair	100	0	0	2	2
BNL	TW C	Taxiway	10	6,756	APC	60	Fair	100	0	0	1	1
BNL	TW C	Taxiway	20	4,561	AAC	66	Fair	100	0	0	1	1
BNL	TW C	Taxiway	30	26,900	AC	65	Fair	100	0	0	2	2

BNL - Barnwell Regional 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
BNL	AP 01	10	62	61	60	59	58	57
BNL	AP 01	20	68	66	65	64	63	62
BNL	AP 02	10	66	65	63	62	61	60
BNL	AP 03	10	92	89	87	85	83	81
BNL	AP 03	20	78	76	74	73	71	70
BNL	AP 03	30	91	88	86	84	82	80
BNL	AP 03	40	92	89	87	85	83	81
BNL	AP 03	50	72	70	69	68	66	65
BNL	AP 03	60	81	79	77	75	74	72
BNL	RW 17	10	49	49	48	48	48	47
BNL	RW 17	20	59	58	58	57	56	56
BNL	RW 17	30	58	57	57	56	55	55
BNL	RW 5	10	37	36	36	35	35	35
BNL	RW 5	20	34	33	32	32	31	30
BNL	RW 5	30	47	47	46	46	46	45
BNL	RW 5	40	65	64	63	62	61	60
BNL	TW A	05	44	43	42	42	41	40
BNL	TW A	07	72	71	69	68	67	66
BNL	TW A	10	64	63	63	62	62	61
BNL	TW B	10	73	71	70	69	68	67
BNL	TW B	15	69	68	67	66	65	64
BNL	TW B	20	64	63	63	62	62	61
BNL	TW C	10	60	59	59	58	57	56
BNL	TW C	20	66	65	64	64	63	62
BNL	TW C	30	65	64	63	63	62	62

Appendix C – Maintenance and Rehabilitation Tables

BNL - Barnwell Regional 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	1,903	LF	$ 8,140
	Surface Seal	681	SF	$ 1,140
	AC Full-Depth Patching	164	SF	$ 5,400
			Localized Preventive Maintenance Total =	$ 14,680
Localized Stopgap Maintenance	AC Crack Sealing Narrow	114,749	LF	$ 487,800
	AC Crack Sealing Wide	4,146	LF	$ 97,450
	Surface Seal	333,512	SF	$ 550,370
	AC Partial-Depth Patching	396	SF	$ 5,760
	PCC Crack Seal	1,000	LF	$ 7,250
	PCC Joint Seal	1,725	LF	$ 20,710
			Localized Stopgap Maintenance Total =	$ 1,169,340
			Planning-Level Localized M&R Needs =	$ 1,184,020

BNL - Barnwell Regional Airport

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

Network ID	Branch ID	Section ID	Area (SF)	Start PCI	End PCI	Cost
BNL	AP 01	10	75,729	62	67	$ 18,920
BNL	AP 01	20	5,001	68	73	$ 560
BNL	AP 02	10	47,278	66	73	$ 44,260
BNL	AP 03	10	14,447	92	92	$ 430
BNL	AP 03	20	38,746	78	81	$ 6,130
BNL	AP 03	30	29,551	91	91	$ 960
BNL	AP 03	40	40,455	92	92	$ 560
BNL	AP 03	50	3,755	72	77	$ 1,640
BNL	AP 03	60	7,693	81	81	$ 830
BNL	RW 17	10	98,500	49	71	$ 36,530
BNL	RW 17	20	383,300	59	66	$ 104,240
BNL	RW 17	30	30,000	58	77	$ 7,160
BNL	RW 5	10	20,041	37	75	$ 27,960
BNL	RW 5	20	267,710	34	64	$ 872,150
BNL	RW 5	30	14,125	47	74	$ 9,190
BNL	RW 5	40	9,844	65	71	$ 1,400
BNL	TW A	05	2,918	44	71	$ 1,170
BNL	TW A	07	6,192	72	80	$ 1,840
BNL	TW A	10	171,570	64	70	$ 34,700
BNL	TW B	10	7,415	73	80	$ 2,260
BNL	TW B	15	17,044	69	76	$ 1,510
BNL	TW B	20	10,770	64	73	$ 2,410
BNL	TW C	10	6,756	60	75	$ 1,430
BNL	TW C	20	4,561	66	75	$ 1,020
BNL	TW C	30	26,900	65	75	$ 4,580

BNL - Barnwell Regional 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
BNL	AP 03	10	L & T CR	Low	100	LF	0.7%	Preventive	AC Crack Sealing Narrow	100	LF	$ 4.25	$ 430
BNL	AP 03	20	L & T CR	Low	172	LF	0.4%	Preventive	AC Crack Sealing Narrow	172	LF	$ 4.25	$ 730
BNL	AP 03	20	PATCHING	Medium	116	SF	0.3%	Preventive	AC Full-Depth Patching	164	SF	$ 33.00	$ 5,400
BNL	AP 03	30	L & T CR	Low	224	LF	0.8%	Preventive	AC Crack Sealing Narrow	224	LF	$ 4.25	$ 960
BNL	AP 03	40	L & T CR	Low	130	LF	0.3%	Preventive	AC Crack Sealing Narrow	130	LF	$ 4.25	$ 560
BNL	AP 03	50	JT REF. CR	Low	257	LF	6.8%	Preventive	AC Crack Sealing Narrow	257	LF	$ 4.25	$ 1,100
BNL	AP 03	50	JT REF. CR	Medium	25	LF	0.7%	Preventive	AC Crack Sealing Narrow	25	LF	$ 4.25	$ 110
BNL	AP 03	50	L & T CR	Low	103	LF	2.7%	Preventive	AC Crack Sealing Narrow	103	LF	$ 4.25	$ 440
BNL	AP 03	60	L & T CR	Low	195	LF	2.5%	Preventive	AC Crack Sealing Narrow	195	LF	$ 4.25	$ 830
BNL	TW A	07	L & T CR	Low	208	LF	3.4%	Preventive	AC Crack Sealing Narrow	208	LF	$ 4.25	$ 890
BNL	TW A	07	L & T CR	Medium	103	LF	1.7%	Preventive	AC Crack Sealing Narrow	103	LF	$ 4.25	$ 440
BNL	TW A	07	WEATHERING	Medium	310	SF	5.0%	Preventive	Surface Seal	310	SF	$ 1.65	$ 520
BNL	TW B	10	L & T CR	Low	319	LF	4.3%	Preventive	AC Crack Sealing Narrow	320	LF	$ 4.25	$ 1,360
BNL	TW B	10	L & T CR	Medium	67	LF	0.9%	Preventive	AC Crack Sealing Narrow	68	LF	$ 4.25	$ 290
BNL	TW B	10	WEATHERING	Medium	371	SF	5.0%	Preventive	Surface Seal	371	SF	$ 1.65	$ 620
BNL	AP 01	10	L & T CR	Medium	2,989	LF	4.0%	Stopgap	AC Crack Sealing Narrow	2,989	LF	$ 4.25	$ 12,710
BNL	AP 01	10	WEATHERING	Medium	3,766	SF	5.0%	Stopgap	Surface Seal	3,766	SF	$ 1.65	$ 6,220
BNL	AP 01	20	L & T CR	Medium	48	LF	1.0%	Stopgap	AC Crack Sealing Narrow	48	LF	$ 4.25	$ 210
BNL	AP 01	20	L & T CR	High	15	LF	0.3%	Stopgap	AC Crack Sealing Wide	15	LF	$ 23.50	$ 360
BNL	AP 02	10	L & T CR	Medium	1,234	LF	2.6%	Stopgap	AC Crack Sealing Narrow	1,235	LF	$ 4.25	$ 5,250
BNL	AP 02	10	WEATHERING	Medium	23,639	SF	50.0%	Stopgap	Surface Seal	23,639	SF	$ 1.65	$ 39,010
BNL	RW 17	10	JT REF. CR	Medium	6,162	LF	6.3%	Stopgap	AC Crack Sealing Narrow	6,162	LF	$ 4.25	$ 26,190
BNL	RW 17	10	L & T CR	Medium	236	LF	0.2%	Stopgap	AC Crack Sealing Narrow	237	LF	$ 4.25	$ 1,010
BNL	RW 17	10	L & T CR	High	51	LF	0.1%	Stopgap	AC Crack Sealing Wide	51	LF	$ 23.50	$ 1,210
BNL	RW 17	10	WEATHERING	Medium	4,925	SF	5.0%	Stopgap	Surface Seal	4,925	SF	$ 1.65	$ 8,130
BNL	RW 17	20	L & T CR	Medium	17,086	LF	4.5%	Stopgap	AC Crack Sealing Narrow	17,086	LF	$ 4.25	$ 72,620
BNL	RW 17	20	WEATHERING	Medium	19,165	SF	5.0%	Stopgap	Surface Seal	19,165	SF	$ 1.65	$ 31,630
BNL	RW 17	30	JT REF. CR	Medium	1,100	LF	3.7%	Stopgap	AC Crack Sealing Narrow	1,100	LF	$ 4.25	$ 4,680
BNL	RW 17	30	WEATHERING	Medium	1,500	SF	5.0%	Stopgap	Surface Seal	1,501	SF	$ 1.65	$ 2,480
BNL	RW 5	10	LINEAR CR	Medium	53	Slabs	83.3%	Stopgap	PCC Crack Seal	1,000	LF	$ 7.25	$ 7,250
BNL	RW 5	10	JT SEAL DMG	High	64	Slabs	100.0%	Stopgap	PCC Joint Seal	1,725	LF	$ 12.00	$ 20,710
BNL	RW 5	20	BLOCK CR	Medium	254,325	SF	95.0%	Stopgap	AC Crack Sealing Narrow	77,518	LF	$ 4.25	$ 329,460
BNL	RW 5	20	BLOCK CR	High	13,385	SF	5.0%	Stopgap	AC Crack Sealing Wide	4,080	LF	$ 23.50	$ 95,880

BNL - Barnwell Regional Airport

Network ID	Branch ID	Section ID	Description	Severity	Distress Qty	Distress Unit	Distress Density	Policy Type	Localized Work Type	Work Qty	Work Unit	Unit Cost	Work Cost
BNL	RW 5	20	RAVELING	High	397	SF	0.2%	Stopgap	AC Partial-Depth Patching	396	SF	$ 14.50	$ 5,760
BNL	RW 5	20	WEATHERING	Medium	267,313	SF	99.9%	Stopgap	Surface Seal	267,313	SF	$ 1.65	$ 441,070
BNL	RW 5	30	JT REF. CR	Medium	1,448	LF	10.3%	Stopgap	AC Crack Sealing Narrow	1,448	LF	$ 4.25	$ 6,160
BNL	RW 5	30	L & T CR	Medium	439	LF	3.1%	Stopgap	AC Crack Sealing Narrow	439	LF	$ 4.25	$ 1,870
BNL	RW 5	30	WEATHERING	Medium	706	SF	5.0%	Stopgap	Surface Seal	706	SF	$ 1.65	$ 1,170
BNL	RW 5	40	L & T CR	Medium	153	LF	1.6%	Stopgap	AC Crack Sealing Narrow	153	LF	$ 4.25	$ 660
BNL	RW 5	40	WEATHERING	Medium	452	SF	4.6%	Stopgap	Surface Seal	452	SF	$ 1.65	$ 750
BNL	TW A	05	JT REF. CR	Medium	210	LF	7.2%	Stopgap	AC Crack Sealing Narrow	210	LF	$ 4.25	$ 900
BNL	TW A	05	L & T CR	Medium	8	LF	0.3%	Stopgap	AC Crack Sealing Narrow	8	LF	$ 4.25	$ 40
BNL	TW A	05	WEATHERING	Medium	146	SF	5.0%	Stopgap	Surface Seal	146	SF	$ 1.65	$ 250
BNL	TW A	10	L & T CR	Medium	4,827	LF	2.8%	Stopgap	AC Crack Sealing Narrow	4,827	LF	$ 4.25	$ 20,520
BNL	TW A	10	WEATHERING	Medium	8,595	SF	5.0%	Stopgap	Surface Seal	8,595	SF	$ 1.65	$ 14,190
BNL	TW B	15	L & T CR	Medium	24	LF	0.1%	Stopgap	AC Crack Sealing Narrow	24	LF	$ 4.25	$ 110
BNL	TW B	15	WEATHERING	Medium	852	SF	5.0%	Stopgap	Surface Seal	853	SF	$ 1.65	$ 1,410
BNL	TW B	20	L & T CR	Medium	356	LF	3.3%	Stopgap	AC Crack Sealing Narrow	356	LF	$ 4.25	$ 1,520
BNL	TW B	20	WEATHERING	Medium	539	SF	5.0%	Stopgap	Surface Seal	539	SF	$ 1.65	$ 890
BNL	TW C	10	JT REF. CR	Medium	205	LF	3.0%	Stopgap	AC Crack Sealing Narrow	205	LF	$ 4.25	$ 880
BNL	TW C	10	WEATHERING	Medium	338	SF	5.0%	Stopgap	Surface Seal	338	SF	$ 1.65	$ 560
BNL	TW C	20	L & T CR	Medium	151	LF	3.3%	Stopgap	AC Crack Sealing Narrow	151	LF	$ 4.25	$ 650
BNL	TW C	20	WEATHERING	Medium	228	SF	5.0%	Stopgap	Surface Seal	228	SF	$ 1.65	$ 380
BNL	TW C	30	L & T CR	Medium	554	LF	2.1%	Stopgap	AC Crack Sealing Narrow	554	LF	$ 4.25	$ 2,360
BNL	TW C	30	WEATHERING	Medium	1,346	SF	5.0%	Stopgap	Surface Seal	1,347	SF	$ 1.65	$ 2,230

BNL - Barnwell Regional 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	**BNL**	AP 01	10	AC	75,729	61	AC Rehabilitation	$ 796,000
2025	**BNL**	AP 01	20	AC	5,001	66	AC Rehabilitation	$ 53,000
2025	**BNL**	AP 02	10	AC	47,278	65	AC Rehabilitation	$ 497,000
2025	**BNL**	RW 17	10	APC	98,500	49	AC Reconstruction	$ 3,473,000
2025	**BNL**	RW 17	20	AAC	383,300	58	AC Rehabilitation	$ 4,025,000
2025	**BNL**	RW 17	30	APC	30,000	57	AC Rehabilitation	$ 315,000
2025	**BNL**	RW 5	10	PCC	20,041	36	PCC Reconstruction	$ 1,008,000
2025	**BNL**	RW 5	20	AC	267,710	33	AC Reconstruction	$ 9,437,000
2025	**BNL**	RW 5	30	APC	14,125	47	AC Reconstruction	$ 498,000
2025	**BNL**	RW 5	40	AAC	9,844	64	AC Rehabilitation	$ 104,000
2025	**BNL**	TW A	05	APC	2,918	43	AC Reconstruction	$ 103,000
2025	**BNL**	TW A	10	AC	171,570	63	AC Rehabilitation	$ 1,802,000
2025	**BNL**	TW B	15	AC	17,044	68	AC Rehabilitation	$ 179,000
2025	**BNL**	TW B	20	AC	10,770	63	AC Rehabilitation	$ 114,000
2025	**BNL**	TW C	10	APC	6,756	59	AC Rehabilitation	$ 71,000
2025	**BNL**	TW C	20	AAC	4,561	65	AC Rehabilitation	$ 48,000
2025	**BNL**	TW C	30	AC	26,900	64	AC Rehabilitation	$ 283,000
2026	**BNL**	AP 03	50	APC	3,755	69	AC Rehabilitation	$ 40,000
2026	**BNL**	TW A	07	AAC	6,192	69	AC Rehabilitation	$ 66,000
2027	**BNL**	TW B	10	AAC	7,415	69	AC Rehabilitation	$ 78,000
2029	**BNL**	AP 03	20	AAC	38,746	70	AC Rehabilitation	$ 407,000
							Total 5-Year Major Rehabilitation Needs =	**$ 23,397,000**

Appendix D – PCI Results Summary

BNL - Barnwell Regional Airport

RW 17

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
RW 17	RUNWAY	3	511,800	57	Fair

Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
10	98,500	APC	2003	2010	49	Poor	98	0	2
20	383,300	AAC	2003	2010	59	Fair	98	0	2
30	30,000	APC	2003	2010	58	Fair	100	0	0

RW 17-10

RW 17-20

RW 17-30

BNL - Barnwell Regional Airport

RW 5

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
RW 5	RUNWAY	4	311,720	36	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	20,041	PCC	1944	-	37	Very Poor	17	78	5
20	267,710	AC	1944	2013	34	Very Poor	100	0	0
30	14,125	APC	2003	2013	47	Poor	100	0	0
40	9,844	AAC	2003	2013	65	Fair	100	0	0

RW 5-10

RW 5-20

RW 5-30

RW 5-40

BNL - Barnwell Regional Airport

TW A

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW A	TAXIWAY	3	180,680	64	Fair

Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
05	2,918	APC	2003	2013	44	Poor	100	0	0
07	6,192	AAC	2003	2013	72	Satisfactory	100	0	0
10	171,570	AC	2008	2013	64	Fair	100	0	0

TW A-05

TW A-07

TW A-10

TW B

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW B	TAXIWAY	3	35,229	68	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	7,415	AAC	2003	2013	73	Satisfactory	100	0	0
15	17,044	AC	2008	2013	69	Fair	100	0	0
20	10,770	AC	2008	2013	64	Fair	100	0	0

TW B-10

TW B-15

TW B-20

TW C

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW C	TAXIWAY	3	38,217	64	Fair

Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
10	6,756	APC	2003	2013	60	Fair	100	0	0
20	4,561	AAC	2003	2013	66	Fair	100	0	0
30	26,900	AC	2008	2013	65	Fair	100	0	0

TW C-10

TW C-20

TW C-30

AP 01

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
AP 01	APRON	2	80,730	62	Fair

Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
10	75,729	AC	2008	2008	62	Fair	82	0	18
20	5,001	AC	2008	2008	68	Fair	100	0	0

AP 01-10

AP 01-20

AP 02

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
AP 02	APRON	1	47,278	66	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	47,278	AC	2009	-	66	Fair	100	0	0

AP 02-10

AP 03

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
AP 03	APRON	6	134,647	87	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	14,447	AAC	2020	-	92	Good	100	0	0
20	38,746	AAC	2020	-	78	Satisfactory	71	0	29
30	29,551	AAC	2020	-	91	Good	100	0	0
40	40,455	AC	2020	-	92	Good	100	0	0
50	3,755	APC	2020	-	72	Satisfactory	100	0	0
60	7,693	AAC	2020	-	81	Satisfactory	100	0	0

AP 03-10

AP 03-20

AP 03-40

AP 03-50

Appendix E – Re-Inspection Report

Re-Inspection Report

SCAC_2024
Generated Date 6/17/2024

Network: BNL **Name:** BARNWELL REGIONAL AIRPORT

Branch: AP 01 **Name:** APRON 01 **Use:** APRON **Area:** 80,730 SqFt

Section: 10 of 2 **From:** - **To:** - **Last Const.:** 8/1/2008

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

Area: 75,729 SqFt **Length:** 385 Ft **Width:** 195 Ft

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

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

Section Comments:

Work Date: 6/1/1944	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 6/1/1944	**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: 6/1/2000	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 8/1/2008	**Work Type:** Reconstruction - AC	**Code:** RC-AC	**Is Major M&R:** True
Work Date: 8/2/2008	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False

Last Insp. Date: 10/17/2023 **TotalSamples:** 16 **Surveyed:** 4

Conditions: **PCI:** 62

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5048.00 SqFt **PCI:** 67

Sample Comments:

48	L & T CR	L	463.00	Ft
48	L & T CR	M	210.00	Ft
57	WEATHERING	L	5048.00	SqFt

Sample Number: 03 **Type:** R **Area:** 5071.00 SqFt **PCI:** 64

Sample Comments:

48	L & T CR	L	370.00	Ft
48	L & T CR	M	180.00	Ft
57	WEATHERING	L	4564.00	SqFt
57	WEATHERING	M	507.00	SqFt

Sample Number: 07 **Type:** R **Area:** 4869.00 SqFt **PCI:** 60

Sample Comments:

48	L & T CR	L	317.00	Ft
48	L & T CR	M	224.00	Ft
57	WEATHERING	L	4382.00	SqFt
57	WEATHERING	M	487.00	SqFt

Sample Number: 13 **Type:** R **Area:** 5000.00 SqFt **PCI:** 59

Sample Comments:

48	L & T CR	L	530.00	Ft
48	L & T CR	M	175.00	Ft
56	SWELLING	L	34.00	SqFt
56	SWELLING	M	5.00	SqFt
57	WEATHERING	L	5000.00	SqFt

Network: BNL **Name:** BARNWELL REGIONAL AIRPORT

Branch: AP 01 **Name:** APRON 01 **Use:** APRON **Area:** 80,730 SqFt

Section: 20 of 2 **From:** - **To:** - **Last Const.:** 8/1/2008

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

Area: 5,001 SqFt **Length:** 110 Ft **Width:** 60 Ft

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

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

Section Comments:

Work Date: 8/1/2008	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/1/2008	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/2008	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** LC-AC	**Is Major M&R:** False
Work Date: 8/2/2008	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False

Last Insp. Date: 10/17/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 68

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5001.00 SqFt **PCI:** 68

Sample Comments:

48	L & T CR	L	378.00	Ft
48	L & T CR	M	48.00	Ft
48	L & T CR	H	15.00	Ft
57	WEATHERING	L	5001.00	SqFt

Network: BNL **Name:** BARNWELL REGIONAL AIRPORT

Branch: AP 02 **Name:** APRON 02 **Use:** APRON **Area:** 47,278 SqFt

Section: 10 of 1 **From:** - **To:** - **Last Const.:** 6/1/2009

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

Area: 47,278 SqFt **Length:** 820 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: 6/1/2009 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 6/1/2009 **Work Type:** Surface Course - AC (Layer Construct) **Code:** LC-AC **Is Major M&R:** False

Last Insp. Date: 10/17/2023 **TotalSamples:** 11 **Surveyed:** 3

Conditions: **PCI:** 66

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 3800.00 SqFt **PCI:** 64

Sample Comments:

48	L & T CR	L	234.00	Ft
48	L & T CR	M	129.00	Ft
57	WEATHERING	L	1900.00	SqFt
57	WEATHERING	M	1900.00	SqFt

Sample Number: 04 **Type:** R **Area:** 3800.00 SqFt **PCI:** 66

Sample Comments:

48	L & T CR	L	288.00	Ft
48	L & T CR	M	94.00	Ft
57	WEATHERING	L	1900.00	SqFt
57	WEATHERING	M	1900.00	SqFt

Sample Number: 10 **Type:** R **Area:** 5000.00 SqFt **PCI:** 68

Sample Comments:

48	L & T CR	L	301.00	Ft
48	L & T CR	M	106.00	Ft
57	WEATHERING	L	2500.00	SqFt
57	WEATHERING	M	2500.00	SqFt

Network: BNL **Name:** BARNWELL REGIONAL AIRPORT

Branch: AP 03 **Name:** APRON 03 **Use:** APRON **Area:** 134,647 SqFt

Section: 10 of 6 **From:** - **To:** - **Last Const.:** 1/1/2020

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

Area: 14,447 SqFt **Length:** 126 Ft **Width:** 120 Ft

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

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

Section Comments:

Work Date: 6/1/1975	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 6/1/1975	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 1/1/2008	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**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: 10/17/2023 **TotalSamples:** 4 **Surveyed:** 2

Conditions: **PCI:** 92

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5753.00 SqFt **PCI:** 90

Sample Comments:

48	L & T CR	L	71.00	Ft
57	WEATHERING	L	2876.00	SqFt

Sample Number: 02 **Type:** R **Area:** 4481.00 SqFt **PCI:** 95

Sample Comments:

57	WEATHERING	L	2240.00	SqFt

Network: BNL **Name:** BARNWELL REGIONAL AIRPORT

Branch: AP 03 **Name:** APRON 03 **Use:** APRON **Area:** 134,647 SqFt

Section: 20 of 6 **From:** - **To:** - **Last Const.:** 1/1/2020

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

Area: 38,746 SqFt **Length:** 367 Ft **Width:** 217 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
Work Date: 1/1/2008	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**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: 10/17/2023 **TotalSamples:** 10 **Surveyed:** 2

Conditions: **PCI:** 78

Inspection Comments:

Sample Number: 04 **Type:** R **Area:** 3500.00 SqFt **PCI:** 71

Sample Comments:

45	DEPRESSION	L	70.00	SqFt
48	L & T CR	L	9.00	Ft
50	PATCHING	L	123.00	SqFt
50	PATCHING	M	21.00	SqFt
57	WEATHERING	L	1678.00	SqFt

Sample Number: 07 **Type:** R **Area:** 3500.00 SqFt **PCI:** 86

Sample Comments:

45	DEPRESSION	L	26.00	SqFt
48	L & T CR	L	22.00	Ft
57	WEATHERING	L	1750.00	SqFt

Network: BNL **Name:** BARNWELL REGIONAL AIRPORT

Branch: AP 03 **Name:** APRON 03 **Use:** APRON **Area:** 134,647 SqFt

Section: 30 of 6 **From:** - **To:** - **Last Const.:** 1/1/2020

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

Area: 29,551 SqFt **Length:** 367 Ft **Width:** 150 Ft

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

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

Section Comments:

Work Date: 1/1/2002 **Work Type:** New Construction - AC **Code:** NC-AC **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: 10/17/2023 **TotalSamples:** 6 **Surveyed:** 2

Conditions: **PCI:** 91

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 4221.00 SqFt **PCI:** 89

Sample Comments:

48	L & T CR	L	66.00	Ft
57	WEATHERING	L	2110.00	SqFt

Sample Number: 05 **Type:** R **Area:** 5820.00 SqFt **PCI:** 92

Sample Comments:

48	L & T CR	L	10.00	Ft
57	WEATHERING	L	2910.00	SqFt

Network: BNL **Name:** BARNWELL REGIONAL AIRPORT

Branch: AP 03 **Name:** APRON 03 **Use:** APRON **Area:** 134,647 SqFt

Section: 40 of 6 **From:** - **To:** - **Last Const.:** 1/1/2020

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

Area: 40,455 SqFt **Length:** 120 Ft **Width:** 340 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: 1/1/2008	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False
Work Date: 1/1/2020	**Work Type:** Reconstruction - AC	**Code:** RC-AC	**Is Major M&R:** True
Work Date: 1/2/2020	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False

Last Insp. Date: 10/17/2023 **TotalSamples:** 7 **Surveyed:** 2

Conditions: **PCI:** 92

Inspection Comments:

Sample Number: 03 **Type:** R **Area:** 6040.00 SqFt **PCI:** 92

Sample Comments:

48	L & T CR	L	12.00	Ft
57	WEATHERING	L	3020.00	SqFt

Sample Number: 06 **Type:** R **Area:** 5820.00 SqFt **PCI:** 91

Sample Comments:

48	L & T CR	L	26.00	Ft
57	WEATHERING	L	2910.00	SqFt

Network: BNL **Name:** BARNWELL REGIONAL AIRPORT

Branch: AP 03 **Name:** APRON 03 **Use:** APRON **Area:** 134,647 SqFt

Section: 50 of 6 **From:** - **To:** - **Last Const.:** 1/1/2020

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

Area: 3,755 SqFt **Length:** 75 Ft **Width:** 50 Ft

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

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

Section Comments:

Work Date: 6/1/1975	**Work Type:** New Construction - PCC	**Code:** NC-PC	**Is Major M&R:** True
Work Date: 6/1/1975	**Work Type:** Surface Course - PCC (Layer Construct)	**Code:** SU-PC	**Is Major M&R:** True
Work Date: 1/1/1990	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 1/1/2008	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**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: 10/17/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 72

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3755.00 SqFt **PCI:** 72

Sample Comments:

47	JT REF. CR	L	257.00	Ft
47	JT REF. CR	M	25.00	Ft
48	L & T CR	L	103.00	Ft
57	WEATHERING	L	1877.00	SqFt

Network: BNL **Name:** BARNWELL REGIONAL AIRPORT

Branch: AP 03 **Name:** APRON 03 **Use:** APRON **Area:** 134,647 SqFt

Section: 60 of 6 **From:** - **To:** - **Last Const.:** 1/1/2020

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

Area: 7,693 SqFt **Length:** 100 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: 6/1/1955	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 6/1/1955	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** True
Work Date: 1/1/1990	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 1/1/2008	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**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: 10/17/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 81

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 3750.00 SqFt **PCI:** 81

Sample Comments:

48	L & T CR	L	95.00	Ft
50	PATCHING	L	75.00	SqFt
57	WEATHERING	L	1845.00	SqFt

Network: BNL **Name:** BARNWELL REGIONAL AIRPORT

Branch: RW 17 **Name:** RUNWAY 17-35 **Use:** RUNWAY **Area:** 511,800 SqFt

Section: 10 of 3 **From:** - **To:** - **Last Const.:** 7/1/2003

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

Area: 98,500 SqFt **Length:** 975 Ft **Width:** 100 Ft

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

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

Section Comments:

Work Date: 6/1/1944	**Work Type:** Surface Course - PCC (Layer Construct)	**Code:** SU-PC	**Is Major M&R:** False
Work Date: 6/1/1944	**Work Type:** New Construction - PCC	**Code:** NC-PC	**Is Major M&R:** True
Work Date: 4/1/1980	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 7/1/2003	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 1/1/2010	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False

Last Insp. Date: 10/17/2023 **TotalSamples:** 20 **Surveyed:** 5

Conditions: **PCI:** 49

Inspection Comments:

Sample Number: 03 **Type:** R **Area:** 5000.00 SqFt **PCI:** 58

Sample Comments:

47	JT REF. CR	L	259.00	Ft
47	JT REF. CR	M	175.00	Ft
48	L & T CR	L	57.00	Ft
56	SWELLING	L	5.00	SqFt
57	WEATHERING	L	4750.00	SqFt
57	WEATHERING	M	250.00	SqFt

Sample Number: 06 **Type:** R **Area:** 5000.00 SqFt **PCI:** 47

Sample Comments:

47	JT REF. CR	L	215.00	Ft
47	JT REF. CR	M	243.00	Ft
48	L & T CR	L	124.00	Ft
48	L & T CR	M	11.00	Ft
56	SWELLING	L	18.00	SqFt
57	WEATHERING	L	4750.00	SqFt
57	WEATHERING	M	250.00	SqFt

Sample Number: 09 **Type:** R **Area:** 5000.00 SqFt **PCI:** 47

Sample Comments:

47	JT REF. CR	L	145.00	Ft
47	JT REF. CR	M	350.00	Ft
48	L & T CR	L	287.00	Ft
56	SWELLING	L	36.00	SqFt
57	WEATHERING	L	4750.00	SqFt
57	WEATHERING	M	250.00	SqFt

Sample Number: 12 **Type:** R **Area:** 5000.00 SqFt **PCI:** 47

Sample Comments:

47	JT REF. CR	L	235.00	Ft
47	JT REF. CR	M	246.00	Ft
48	L & T CR	L	323.00	Ft
48	L & T CR	M	49.00	Ft
48	L & T CR	H	13.00	Ft
56	SWELLING	L	20.00	SqFt
57	WEATHERING	L	4750.00	SqFt
57	WEATHERING	M	250.00	SqFt

Sample Number: 16 **Type:** R **Area:** 5000.00 SqFt **PCI:** 45

Sample Comments:

47	JT REF. CR	M	550.00	Ft

48	L & T CR	L	458.00	Ft
56	SWELLING	L	48.00	SqFt
57	WEATHERING	L	4750.00	SqFt
57	WEATHERING	M	250.00	SqFt

Network: BNL **Name:** BARNWELL REGIONAL AIRPORT

Branch: RW 17 **Name:** RUNWAY 17-35 **Use:** RUNWAY **Area:** 511,800 SqFt

Section: 20 of 3 **From:** - **To:** - **Last Const.:** 7/1/2003

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

Area: 383,300 SqFt **Length:** 3,829 Ft **Width:** 100 Ft

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

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

Section Comments:

Work Date: 6/1/1944	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 6/1/1944	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 4/1/1980	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 7/1/2003	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 1/1/2010	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False

Last Insp. Date: 10/17/2023 **TotalSamples:** 77 **Surveyed:** 16

Conditions: **PCI:** 59

Inspection Comments:

Sample Number: 05 **Type:** R **Area:** 5000.00 SqFt **PCI:** 61

Sample Comments:

48	L & T CR	L	531.00	Ft
48	L & T CR	M	166.00	Ft
56	SWELLING	L	20.00	SqFt
57	WEATHERING	L	4750.00	SqFt
57	WEATHERING	M	250.00	SqFt

Sample Number: 09 **Type:** R **Area:** 5000.00 SqFt **PCI:** 58

Sample Comments:

48	L & T CR	L	660.00	Ft
48	L & T CR	M	150.00	Ft
56	SWELLING	L	15.00	SqFt
57	WEATHERING	L	4750.00	SqFt
57	WEATHERING	M	250.00	SqFt

Sample Number: 14 **Type:** R **Area:** 5000.00 SqFt **PCI:** 57

Sample Comments:

48	L & T CR	L	814.00	Ft
48	L & T CR	M	100.00	Ft
57	WEATHERING	L	4750.00	SqFt
57	WEATHERING	M	250.00	SqFt

Sample Number: 17 **Type:** R **Area:** 5000.00 SqFt **PCI:** 53

Sample Comments:

48	L & T CR	L	1016.00	Ft
48	L & T CR	M	100.00	Ft
57	WEATHERING	L	4750.00	SqFt
57	WEATHERING	M	250.00	SqFt

Sample Number: 23 **Type:** R **Area:** 5000.00 SqFt **PCI:** 61

Sample Comments:

48	L & T CR	L	611.00	Ft
48	L & T CR	M	200.00	Ft
57	WEATHERING	L	4750.00	SqFt
57	WEATHERING	M	250.00	SqFt

Sample Number: 28 **Type:** R **Area:** 5000.00 SqFt **PCI:** 64

Sample Comments:

48	L & T CR	L	400.00	Ft
48	L & T CR	M	200.00	Ft
57	WEATHERING	L	4750.00	SqFt

57	WEATHERING	M	250.00	SqFt

Sample Number: 32 **Type:** R **Area:** 5000.00 SqFt **PCI:** 58

Sample Comments:

48	L & T CR	L	717.00	Ft
48	L & T CR	M	250.00	Ft
57	WEATHERING	L	4750.00	SqFt
57	WEATHERING	M	250.00	SqFt

Sample Number: 36 **Type:** R **Area:** 5000.00 SqFt **PCI:** 58

Sample Comments:

48	L & T CR	L	731.00	Ft
48	L & T CR	M	200.00	Ft
57	WEATHERING	L	4750.00	SqFt
57	WEATHERING	M	250.00	SqFt

Sample Number: 41 **Type:** R **Area:** 5000.00 SqFt **PCI:** 61

Sample Comments:

48	L & T CR	L	496.00	Ft
48	L & T CR	M	250.00	Ft
57	WEATHERING	L	4750.00	SqFt
57	WEATHERING	M	250.00	SqFt

Sample Number: 45 **Type:** R **Area:** 5000.00 SqFt **PCI:** 58

Sample Comments:

48	L & T CR	L	417.00	Ft
48	L & T CR	M	300.00	Ft
57	WEATHERING	L	4750.00	SqFt
57	WEATHERING	M	250.00	SqFt

Sample Number: 50 **Type:** R **Area:** 5000.00 SqFt **PCI:** 59

Sample Comments:

48	L & T CR	L	643.00	Ft
48	L & T CR	M	250.00	Ft
57	WEATHERING	L	4750.00	SqFt
57	WEATHERING	M	250.00	SqFt

Sample Number: 54 **Type:** R **Area:** 5000.00 SqFt **PCI:** 57

Sample Comments:

48	L & T CR	L	487.00	Ft
48	L & T CR	M	300.00	Ft
56	SWELLING	L	5.00	SqFt
57	WEATHERING	L	4750.00	SqFt
57	WEATHERING	M	250.00	SqFt

Sample Number: 59 **Type:** R **Area:** 5000.00 SqFt **PCI:** 58

Sample Comments:

48	L & T CR	L	309.00	Ft
48	L & T CR	M	300.00	Ft
57	WEATHERING	L	4750.00	SqFt
57	WEATHERING	M	250.00	SqFt

Sample Number: 62 **Type:** R **Area:** 5000.00 SqFt **PCI:** 61

Sample Comments:

48	L & T CR	L	342.00	Ft
48	L & T CR	M	250.00	Ft
57	WEATHERING	L	4750.00	SqFt
57	WEATHERING	M	250.00	SqFt

Sample Number: 68 **Type:** R **Area:** 5000.00 SqFt **PCI:** 61

Sample Comments:

48	L & T CR	L	365.00	Ft
48	L & T CR	M	250.00	Ft
57	WEATHERING	L	4750.00	SqFt
57	WEATHERING	M	250.00	SqFt

Sample Number: 71 **Type:** R **Area:** 5000.00 SqFt **PCI:** 58

Sample Comments:

48	L & T CR	L	344.00	Ft
48	L & T CR	M	300.00	Ft
57	WEATHERING	L	4750.00	SqFt
57	WEATHERING	M	250.00	SqFt

Network: BNL **Name:** BARNWELL REGIONAL AIRPORT

Branch: RW 17 **Name:** RUNWAY 17-35 **Use:** RUNWAY **Area:** 511,800 SqFt

Section: 30 of 3 **From:** - **To:** - **Last Const.:** 7/1/2003

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

Area: 30,000 SqFt **Length:** 315 Ft **Width:** 100 Ft

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

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

Section Comments:

Work Date: 6/1/1944	**Work Type:** Surface Course - PCC (Layer Construct)	**Code:** LC-PC	**Is Major M&R:** False
Work Date: 6/1/1944	**Work Type:** New Construction - PCC	**Code:** NC-PC	**Is Major M&R:** True
Work Date: 4/1/1980	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 7/1/2003	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 1/1/2010	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False

Last Insp. Date: 10/17/2023 **TotalSamples:** 6 **Surveyed:** 3

Conditions: **PCI:** 58

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 5000.00 SqFt **PCI:** 57

Sample Comments:

47	JT REF. CR	L	240.00	Ft
47	JT REF. CR	M	200.00	Ft
48	L & T CR	L	79.00	Ft
57	WEATHERING	L	4750.00	SqFt
57	WEATHERING	M	250.00	SqFt

Sample Number: 04 **Type:** R **Area:** 5000.00 SqFt **PCI:** 58

Sample Comments:

47	JT REF. CR	L	71.00	Ft
47	JT REF. CR	M	200.00	Ft
48	L & T CR	L	84.00	Ft
57	WEATHERING	L	4750.00	SqFt
57	WEATHERING	M	250.00	SqFt

Sample Number: 06 **Type:** R **Area:** 5000.00 SqFt **PCI:** 61

Sample Comments:

47	JT REF. CR	L	140.00	Ft
47	JT REF. CR	M	150.00	Ft
48	L & T CR	L	79.00	Ft
57	WEATHERING	L	4750.00	SqFt
57	WEATHERING	M	250.00	SqFt

Network: BNL **Name:** BARNWELL REGIONAL AIRPORT

Branch: RW 5 **Name:** RUNWAY 5-23 **Use:** RUNWAY **Area:** 311,720 SqFt

Section: 10 of 4 **From:** - **To:** - **Last Const.:** 6/1/1944

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

Area: 20,041 SqFt **Length:** 225 Ft **Width:** 75 Ft

Slabs: 64 **Slab Length:** 12 Ft **Slab Width:** 25 Ft **Joint Length:** 1,725 Ft

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

Section Comments:

Work Date: 6/1/1944 **Work Type:** Surface Course - PCC (Layer Construct) **Code:** SU-PC **Is Major M&R:** False

Work Date: 6/1/1944 **Work Type:** New Construction - PCC **Code:** NC-PC **Is Major M&R:** True

Last Insp. Date: 10/17/2023 **TotalSamples:** 3 **Surveyed:** 1

Conditions: **PCI:** 37

Inspection Comments:

Sample Number: 03 **Type:** R **Area:** 24.00 Slabs **PCI:** 37

Sample Comments:

63	LINEAR CR	M	20.00	Slabs
65	JT SEAL DMG	H	24.00	Slabs
74	JOINT SPALL	L	1.00	Slabs
75	CORNER SPALL	L	1.00	Slabs

Network: BNL **Name:** BARNWELL REGIONAL AIRPORT

Branch: RW 5 **Name:** RUNWAY 5-23 **Use:** RUNWAY **Area:** 311,720 SqFt

Section: 20 of 4 **From:** - **To:** - **Last Const.:** 6/1/1944

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

Area: 267,710 SqFt **Length:** 4,430 Ft **Width:** 60 Ft

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

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

Section Comments:

Work Date: 6/1/1944	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 6/1/1944	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 3/1/1987	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False
Work Date: 1/1/2013	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False

Last Insp. Date: 10/17/2023 **TotalSamples:** 59 **Surveyed:** 12

Conditions: **PCI:** 34

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4500.00 SqFt **PCI:** 32

Sample Comments:

43	BLOCK CR	M	4275.00	SqFt
43	BLOCK CR	H	225.00	SqFt
52	RAVELING	H	48.00	SqFt
57	WEATHERING	M	4452.00	SqFt

Sample Number: 07 **Type:** R **Area:** 4500.00 SqFt **PCI:** 34

Sample Comments:

43	BLOCK CR	M	4275.00	SqFt
43	BLOCK CR	H	225.00	SqFt
57	WEATHERING	M	4500.00	SqFt

Sample Number: 13 **Type:** R **Area:** 4500.00 SqFt **PCI:** 34

Sample Comments:

43	BLOCK CR	M	4275.00	SqFt
43	BLOCK CR	H	225.00	SqFt
57	WEATHERING	M	4500.00	SqFt

Sample Number: 17 **Type:** R **Area:** 4500.00 SqFt **PCI:** 34

Sample Comments:

43	BLOCK CR	M	4275.00	SqFt
43	BLOCK CR	H	225.00	SqFt
57	WEATHERING	M	4500.00	SqFt

Sample Number: 23 **Type:** R **Area:** 4500.00 SqFt **PCI:** 34

Sample Comments:

43	BLOCK CR	M	4275.00	SqFt
43	BLOCK CR	H	225.00	SqFt
57	WEATHERING	M	4500.00	SqFt

Sample Number: 27 **Type:** R **Area:** 4500.00 SqFt **PCI:** 34

Sample Comments:

43	BLOCK CR	M	4275.00	SqFt
43	BLOCK CR	H	225.00	SqFt
57	WEATHERING	M	4500.00	SqFt

Sample Number: 33 **Type:** R **Area:** 4500.00 SqFt **PCI:** 34

Sample Comments:

43	BLOCK CR	M	4275.00	SqFt
43	BLOCK CR	H	225.00	SqFt
57	WEATHERING	M	4500.00	SqFt

Sample Number: 37 **Type:** R **Area:** 4500.00 SqFt **PCI:** 34

Sample Comments:

43	BLOCK CR	M	4275.00	SqFt
43	BLOCK CR	H	225.00	SqFt
57	WEATHERING	M	4500.00	SqFt

Sample Number: 43 **Type:** R **Area:** 4500.00 SqFt **PCI:** 34

Sample Comments:

43	BLOCK CR	M	4275.00	SqFt
43	BLOCK CR	H	225.00	SqFt
57	WEATHERING	M	4500.00	SqFt

Sample Number: 47 **Type:** R **Area:** 4500.00 SqFt **PCI:** 32

Sample Comments:

43	BLOCK CR	M	4275.00	SqFt
43	BLOCK CR	H	225.00	SqFt
52	RAVELING	H	32.00	SqFt
57	WEATHERING	M	4468.00	SqFt

Sample Number: 53 **Type:** R **Area:** 4500.00 SqFt **PCI:** 34

Sample Comments:

43	BLOCK CR	M	4275.00	SqFt
43	BLOCK CR	H	225.00	SqFt
57	WEATHERING	M	4500.00	SqFt

Sample Number: 57 **Type:** R **Area:** 4500.00 SqFt **PCI:** 34

Sample Comments:

43	BLOCK CR	M	4275.00	SqFt
43	BLOCK CR	H	225.00	SqFt
57	WEATHERING	M	4500.00	SqFt

Network: BNL **Name:** BARNWELL REGIONAL AIRPORT

Branch: RW 5 **Name:** RUNWAY 5-23 **Use:** RUNWAY **Area:** 311,720 SqFt

Section: 30 of 4 **From:** - **To:** - **Last Const.:** 7/1/2003

Surface: APC **Family:** 2024_SC III IV-RW-AC **Zone:** **Category:** G **Rank:** S

Area: 14,125 SqFt **Length:** 157 Ft **Width:** 92 Ft

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

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

Section Comments:

Work Date: 6/1/1944	**Work Type:** Surface Course - PCC (Layer Construct)	**Code:** SU-PC	**Is Major M&R:** False
Work Date: 6/1/1944	**Work Type:** New Construction - PCC	**Code:** NC-PC	**Is Major M&R:** True
Work Date: 4/1/1980	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 7/1/2003	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 1/1/2012	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 1/1/2013	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False

Last Insp. Date: 10/17/2023 **TotalSamples:** 3 **Surveyed:** 1

Conditions: **PCI:** 47

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3961.00 SqFt **PCI:** 47

Sample Comments:

47	JT REF. CR	L	41.00	Ft
47	JT REF. CR	M	406.00	Ft
48	L & T CR	L	50.00	Ft
48	L & T CR	M	123.00	Ft
57	WEATHERING	L	3763.00	SqFt
57	WEATHERING	M	198.00	SqFt

Network: BNL **Name:** BARNWELL REGIONAL AIRPORT

Branch: RW 5 **Name:** RUNWAY 5-23 **Use:** RUNWAY **Area:** 311,720 SqFt

Section: 40 of 4 **From:** - **To:** - **Last Const.:** 7/1/2003

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

Area: 9,844 SqFt **Length:** 107 Ft **Width:** 92 Ft

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

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

Section Comments:

Work Date: 6/1/1944	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 6/1/1944	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 3/1/1987	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False
Work Date: 7/1/2003	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 1/1/2012	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 1/1/2013	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False
Work Date: 1/1/2020	**Work Type:** Patching - AC	**Code:** PA-AC	**Is Major M&R:** False
Work Date: 1/1/2023	**Work Type:** Patching - AC	**Code:** PA-AC	**Is Major M&R:** False

Last Insp. Date: 10/17/2023 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 65

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4600.00 SqFt **PCI:** 67

Sample Comments:

48	L & T CR	L	347.00	Ft
48	L & T CR	M	50.00	Ft
57	WEATHERING	L	4370.00	SqFt
57	WEATHERING	M	230.00	SqFt

Sample Number: 02 **Type:** R **Area:** 5244.00 SqFt **PCI:** 63

Sample Comments:

48	L & T CR	L	382.00	Ft
48	L & T CR	M	103.00	Ft
50	PATCHING	L	800.00	SqFt
57	WEATHERING	L	4222.00	SqFt
57	WEATHERING	M	222.00	SqFt

Network: BNL **Name:** BARNWELL REGIONAL AIRPORT

Branch: TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 180,680 SqFt

Section: 05 of 3 **From:** - **To:** - **Last Const.:** 7/1/2003

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

Area: 2,918 SqFt **Length:** 55 Ft **Width:** 43 Ft

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

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

Section Comments:

Work Date: 6/1/1944	**Work Type:** New Construction - PCC	**Code:** NC-PC	**Is Major M&R:** True
Work Date: 6/1/1944	**Work Type:** Surface Course - PCC (Layer Construct)	**Code:** LC-PC	**Is Major M&R:** True
Work Date: 4/1/1980	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 7/1/2003	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 1/1/2013	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False

Last Insp. Date: 10/17/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 44

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 2918.00 SqFt **PCI:** 44

Sample Comments:

47	JT REF. CR	L	218.00	Ft
47	JT REF. CR	M	210.00	Ft
48	L & T CR	L	119.00	Ft
48	L & T CR	M	8.00	Ft
57	WEATHERING	L	2772.00	SqFt
57	WEATHERING	M	146.00	SqFt

Network: BNL **Name:** BARNWELL REGIONAL AIRPORT

Branch: TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 180,680 SqFt

Section: 07 of 3 **From:** - **To:** - **Last Const.:** 7/1/2003

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

Area: 6,192 SqFt **Length:** 143 Ft **Width:** 43 Ft

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

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

Section Comments:

Work Date: 6/1/1944	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 6/1/1944	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** LC-AC	**Is Major M&R:** False
Work Date: 4/1/1980	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 7/1/2003	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 1/1/2013	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False

Last Insp. Date: 10/17/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 72

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 6192.00 SqFt **PCI:** 72

Sample Comments:

48	L & T CR	L	208.00	Ft
48	L & T CR	M	103.00	Ft
57	WEATHERING	L	5882.00	SqFt
57	WEATHERING	M	310.00	SqFt

Network: BNL **Name:** BARNWELL REGIONAL AIRPORT

Branch: TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 180,680 SqFt

Section: 10 of 3 **From:** - **To:** - **Last Const.:** 8/1/2008

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

Area: 171,570 SqFt **Length:** 4,908 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: 6/1/1944	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 6/1/1944	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 4/1/1980	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 8/1/2008	**Work Type:** Complete Reconstruction - AC	**Code:** CR-AC	**Is Major M&R:** True
Work Date: 1/1/2013	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 1/1/2013	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False

Last Insp. Date: 10/17/2023 **TotalSamples:** 36 **Surveyed:** 7

Conditions: **PCI:** 64

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 5250.00 SqFt **PCI:** 67

Sample Comments:

48	L & T CR	L	392.00	Ft
48	L & T CR	M	19.00	Ft
57	WEATHERING	L	4987.00	SqFt
57	WEATHERING	M	263.00	SqFt

Sample Number: 05 **Type:** R **Area:** 5250.00 SqFt **PCI:** 64

Sample Comments:

48	L & T CR	L	485.00	Ft
48	L & T CR	M	81.00	Ft
57	WEATHERING	L	4987.00	SqFt
57	WEATHERING	M	263.00	SqFt

Sample Number: 09 **Type:** R **Area:** 5250.00 SqFt **PCI:** 59

Sample Comments:

48	L & T CR	L	397.00	Ft
48	L & T CR	M	304.00	Ft
57	WEATHERING	L	4987.00	SqFt
57	WEATHERING	M	263.00	SqFt

Sample Number: 13 **Type:** R **Area:** 5250.00 SqFt **PCI:** 65

Sample Comments:

42	BLEEDING	N	5.00	SqFt
48	L & T CR	L	477.00	Ft
48	L & T CR	M	182.00	Ft
57	WEATHERING	L	4987.00	SqFt
57	WEATHERING	M	263.00	SqFt

Sample Number: 16 **Type:** R **Area:** 5250.00 SqFt **PCI:** 64

Sample Comments:

48	L & T CR	L	513.00	Ft
48	L & T CR	M	171.00	Ft
57	WEATHERING	L	4987.00	SqFt
57	WEATHERING	M	263.00	SqFt

Sample Number: 23 **Type:** R **Area:** 5250.00 SqFt **PCI:** 65

Sample Comments:

48	L & T CR	L	448.00	Ft

48	L & T CR	M	180.00	Ft
57	WEATHERING	L	4987.00	SqFt
57	WEATHERING	M	263.00	SqFt

Sample Number: 29 **Type:** R **Area:** 5250.00 SqFt **PCI:** 65

Sample Comments:

48	L & T CR	L	446.00	Ft
48	L & T CR	M	97.00	Ft
57	WEATHERING	L	4987.00	SqFt
57	WEATHERING	M	263.00	SqFt

Network: BNL **Name:** BARNWELL REGIONAL AIRPORT

Branch: TW B **Name:** TAXIWAY B **Use:** TAXIWAY **Area:** 35,229 SqFt

Section: 10 of 3 **From:** - **To:** - **Last Const.:** 7/1/2003

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

Area: 7,415 SqFt **Length:** 200 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: 6/1/1980	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** LC-AC	**Is Major M&R:** False
Work Date: 6/1/1980	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 7/1/2003	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 1/1/2013	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False

Last Insp. Date: 10/17/2023 **TotalSamples:** 2 **Surveyed:** 1

Conditions: **PCI:** 73

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 3296.00 SqFt **PCI:** 73

Sample Comments:

48	L & T CR	L	142.00	Ft
48	L & T CR	M	30.00	Ft
57	WEATHERING	L	3131.00	SqFt
57	WEATHERING	M	165.00	SqFt

Network: BNL **Name:** BARNWELL REGIONAL AIRPORT

Branch: TW B **Name:** TAXIWAY B **Use:** TAXIWAY **Area:** 35,229 SqFt

Section: 15 of 3 **From:** - **To:** - **Last Const.:** 8/1/2008

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

Area: 17,044 SqFt **Length:** 480 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: 6/1/1980	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** LC-AC	**Is Major M&R:** False
Work Date: 6/1/1980	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/2008	**Work Type:** Reconstruction - AC	**Code:** RC-AC	**Is Major M&R:** True
Work Date: 1/1/2013	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False

Last Insp. Date: 10/17/2023 **TotalSamples:** 3 **Surveyed:** 1

Conditions: **PCI:** 69

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 5600.00 SqFt **PCI:** 69

Sample Comments:

48	L & T CR	L	393.00	Ft
48	L & T CR	M	8.00	Ft
57	WEATHERING	L	5320.00	SqFt
57	WEATHERING	M	280.00	SqFt

Network: BNL **Name:** BARNWELL REGIONAL AIRPORT

Branch: TW B **Name:** TAXIWAY B **Use:** TAXIWAY **Area:** 35,229 SqFt

Section: 20 of 3 **From:** - **To:** - **Last Const.:** 8/1/2008

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

Area: 10,770 SqFt **Length:** 167 Ft **Width:** 30 Ft

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

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

Section Comments:

Work Date: 6/1/1944	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 6/1/1944	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 6/1/1980	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 8/1/2008	**Work Type:** Reconstruction - AC	**Code:** RC-AC	**Is Major M&R:** True
Work Date: 1/1/2013	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False

Last Insp. Date: 10/17/2023 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 64

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4550.00 SqFt **PCI:** 68

Sample Comments:

48	L & T CR	L	325.00	Ft
48	L & T CR	M	42.00	Ft
57	WEATHERING	L	4322.00	SqFt
57	WEATHERING	M	228.00	SqFt

Sample Number: 02 **Type:** R **Area:** 6219.00 SqFt **PCI:** 61

Sample Comments:

48	L & T CR	L	321.00	Ft
48	L & T CR	M	314.00	Ft
57	WEATHERING	L	5908.00	SqFt
57	WEATHERING	M	311.00	SqFt

Network: BNL **Name:** BARNWELL REGIONAL AIRPORT

Branch: TW C **Name:** TAXIWAY C **Use:** TAXIWAY **Area:** 38,217 SqFt

Section: 10 of 3 **From:** - **To:** - **Last Const.:** 7/1/2003

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

Area: 6,756 SqFt **Length:** 125 Ft **Width:** 37 Ft

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

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

Section Comments:

Work Date: 6/1/1944	**Work Type:** Surface Course - PCC (Layer Construct)	**Code:** LC-PC	**Is Major M&R:** True
Work Date: 6/1/1944	**Work Type:** New Construction - PCC	**Code:** NC-PC	**Is Major M&R:** True
Work Date: 4/1/1980	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 7/1/2003	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 1/1/2013	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False

Last Insp. Date: 10/17/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 60

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 6756.00 SqFt **PCI:** 60

Sample Comments:

47	JT REF. CR	L	453.00	Ft
47	JT REF. CR	M	205.00	Ft
48	L & T CR	L	69.00	Ft
57	WEATHERING	L	6418.00	SqFt
57	WEATHERING	M	338.00	SqFt

Network: BNL **Name:** BARNWELL REGIONAL AIRPORT

Branch: TW C **Name:** TAXIWAY C **Use:** TAXIWAY **Area:** 38,217 SqFt

Section: 20 of 3 **From:** - **To:** - **Last Const.:** 7/1/2003

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

Area: 4,561 SqFt **Length:** 129 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: 6/1/1944	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 6/1/1944	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** LC-AC	**Is Major M&R:** False
Work Date: 4/1/1980	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 7/1/2003	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**Is Major M&R:** True
Work Date: 1/1/2013	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False

Last Insp. Date: 10/17/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 66

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4542.00 SqFt **PCI:** 66

Sample Comments:

48	L & T CR	L	216.00	Ft
48	L & T CR	M	150.00	Ft
57	WEATHERING	L	4315.00	SqFt
57	WEATHERING	M	227.00	SqFt

Network: BNL **Name:** BARNWELL REGIONAL AIRPORT

Branch: TW C **Name:** TAXIWAY C **Use:** TAXIWAY **Area:** 38,217 SqFt

Section: 30 of 3 **From:** - **To:** - **Last Const.:** 8/1/2008

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

Area: 26,900 SqFt **Length:** 766 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: 6/1/1944	**Work Type:** Surface Course - AC (Layer Construct)	**Code:** SU-AC	**Is Major M&R:** False
Work Date: 6/1/1944	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 4/1/1980	**Work Type:** Overlay - AC	**Code:** OL-AC	**Is Major M&R:** True
Work Date: 8/1/2008	**Work Type:** Complete Reconstruction - AC	**Code:** CR-AC	**Is Major M&R:** True
Work Date: 1/1/2013	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False
Work Date: 1/1/2013	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

Last Insp. Date: 10/17/2023 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 65

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5919.00 SqFt **PCI:** 65

Sample Comments:

42	BLEEDING	N	10.00	SqFt
48	L & T CR	L	122.00	Ft
48	L & T CR	M	195.00	Ft
57	WEATHERING	L	5623.00	SqFt
57	WEATHERING	M	296.00	SqFt

Sample Number: 05 **Type:** R **Area:** 5250.00 SqFt **PCI:** 64

Sample Comments:

42	BLEEDING	N	5.00	SqFt
48	L & T CR	L	511.00	Ft
48	L & T CR	M	35.00	Ft
57	WEATHERING	L	4987.00	SqFt
57	WEATHERING	M	263.00	SqFt

Kimley»Horn