



SOUTH CAROLINA AERONAUTICS COMMISSION

STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

 GRD - Greenwood County Airport



Kimley»»Horn

2022



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Overview

Introduction

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

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

Project elements performed for the 2021-2024 program update include the development and update 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 management program update at Greenwood County Airport (GRD).

Figure 1 – Airport Layout



System Inventory

The pavements at Greenwood County Airport (GRD) include approximately 1.5 million square feet of airfield pavements consisting of runways, taxiways, and aprons. Per the guidance in the ASTM D5340-20, all pavements were divided and subdivided into pavement management units (Network, Branch, Section, Sample). The divisions are documented in the **Network Definition Exhibit** providing the name and location of each branch, section, and sample.

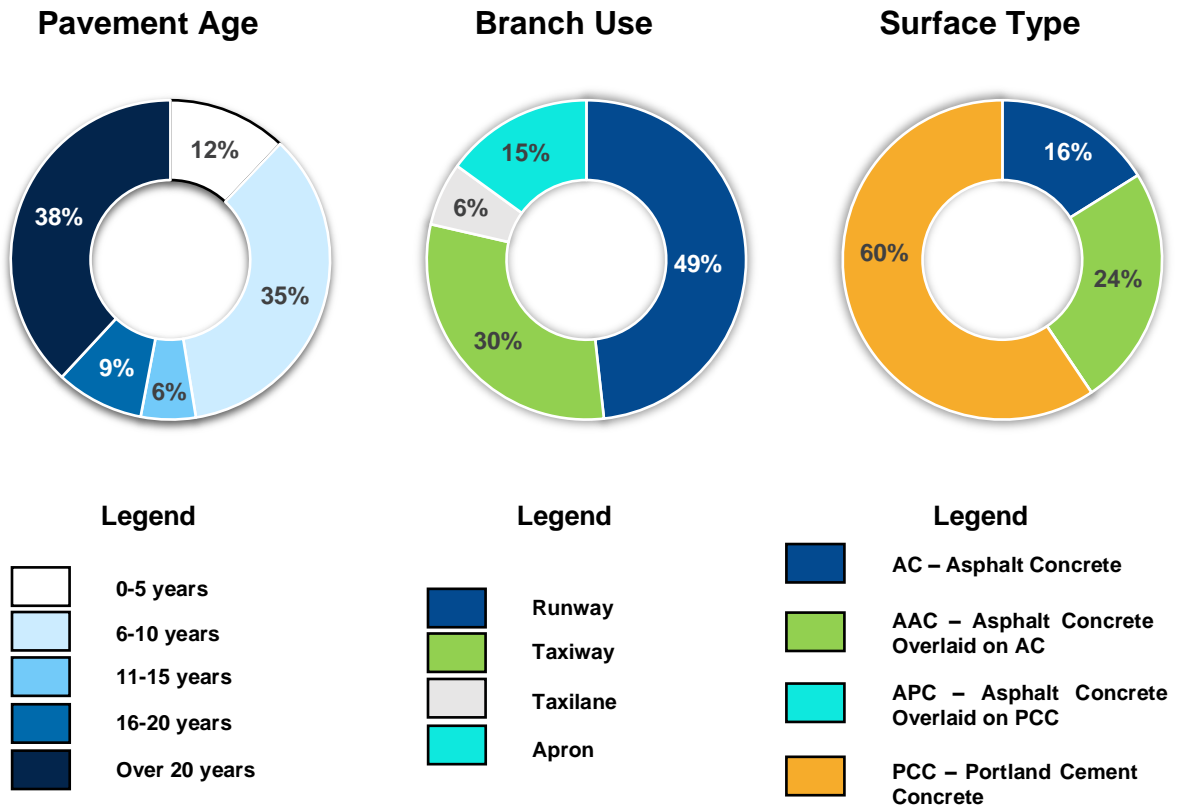
Each pavement update included a review of documentation of any maintenance and major rehabilitation related activities performed on the airfield pavements. The following table summarizes the projects that have occurred since the previous inspection.

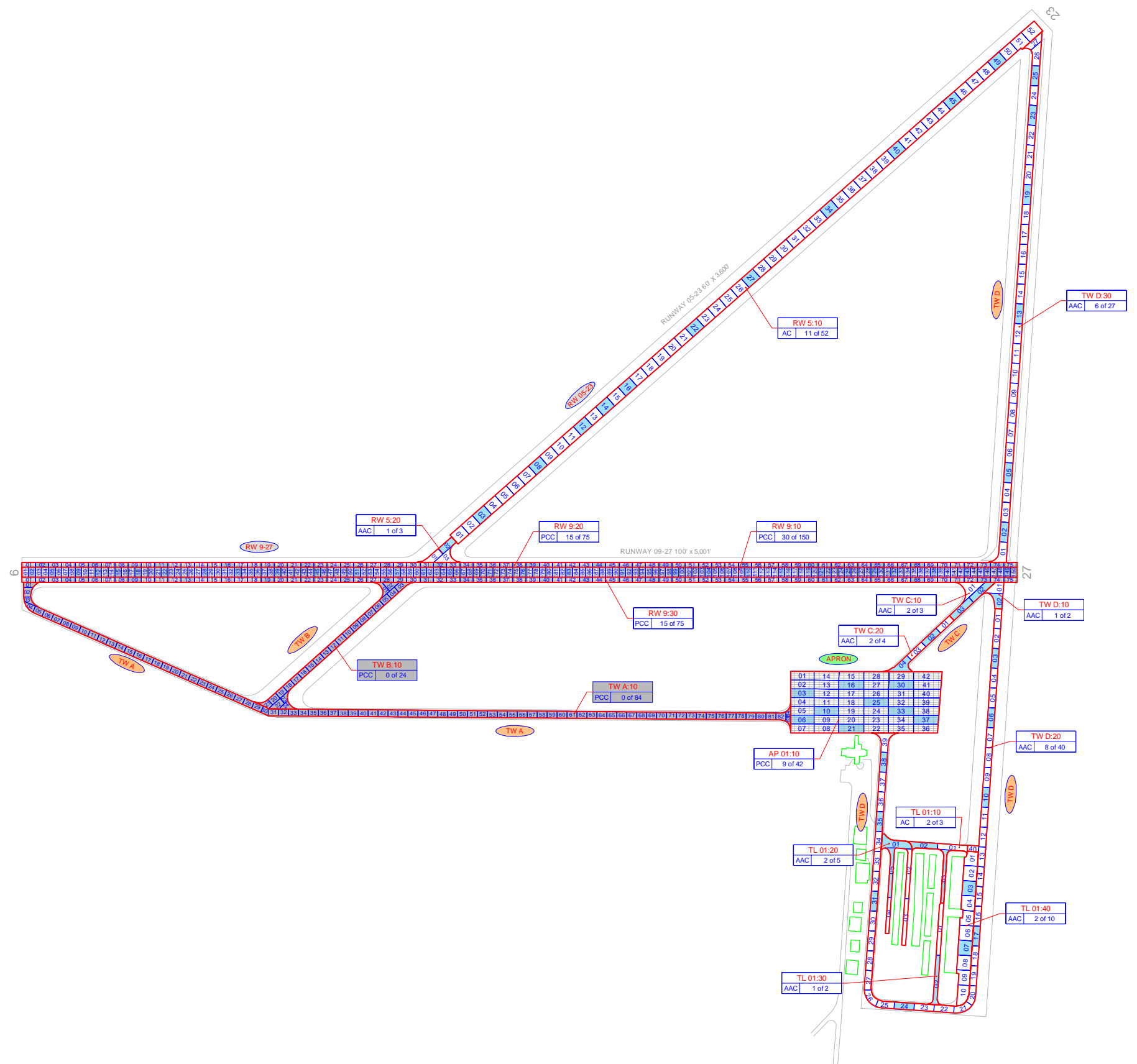
Table 1 - Recent Airfield Pavement Construction

Construction Year	Location	Work Type / Pavement Section
2021	TW A, TW B	Overlay-PCC 5" P-501 Overlay

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

Figure 2 – System Inventory Summary





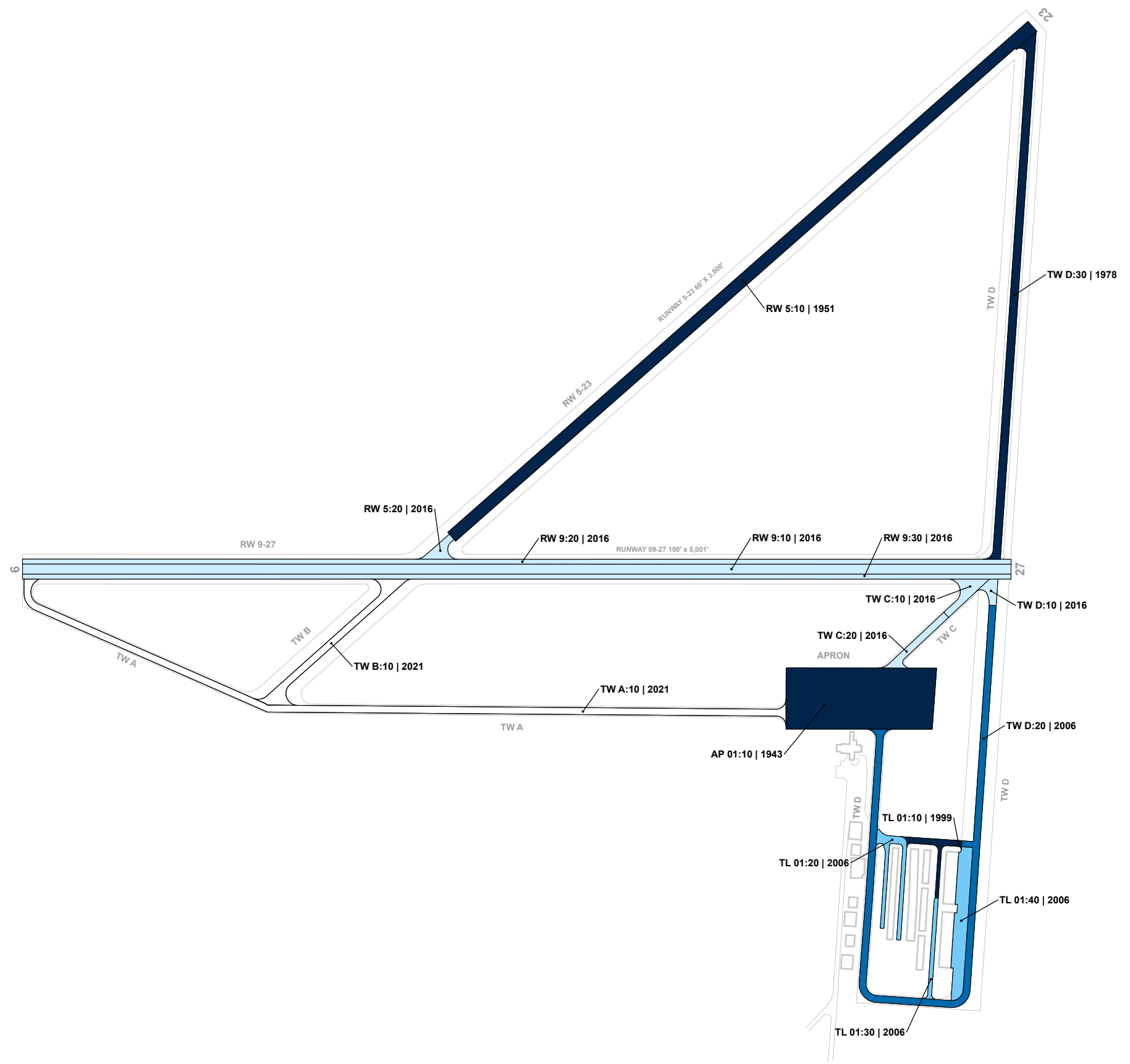
LEGEND

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

TOTAL SAMPLES INSPECTED = 107
AC: 38 PCC: 69

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





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

GREENWOOD COUNTY AIRPORT (GRD)
AIRFIELD PAVEMENT ESTIMATED AGE EXHIBIT



Functional Evaluation

Pavement Condition Index

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

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

Figure 3 – Representation of Pavement Condition Index Values



Poor/Failed Pavement

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



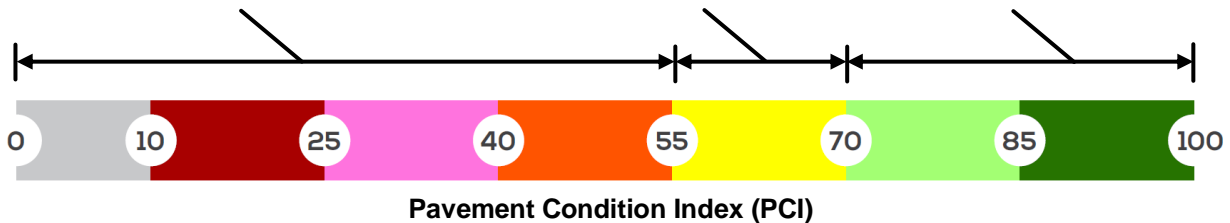
Fair Pavement

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



Good/New Pavement

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



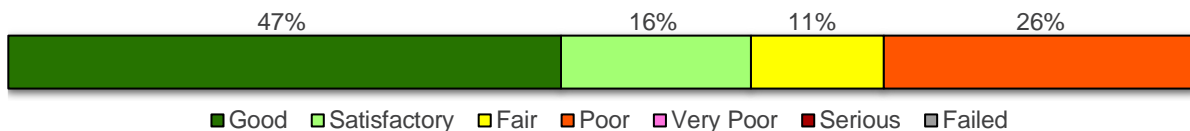
Critical PCI

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

PCI Results Summary

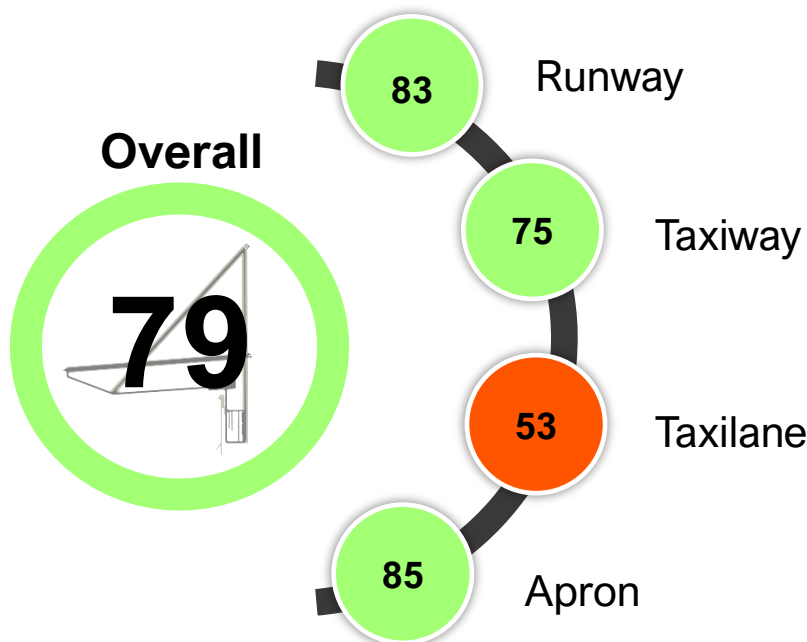
The PCI survey for Greenwood County Airport (GRD) was performed in September 2021. **The overall area-weighted average PCI value of the network was 79**, representing a condition rating of **Satisfactory**. Approximately 63% of inspected pavements are in Good or Satisfactory condition, 11% of inspected pavements are in Fair condition, and the remaining 26% 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 **2021 Airfield Pavement Condition Index (PCI) Exhibit** and are summarized in **Table 2**.

Figure 5 – Area Weighted Average Pavement Condition





STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

GRD - Greenwood County Airport

Table 2 – Current Pavement Condition Index Summary - Section

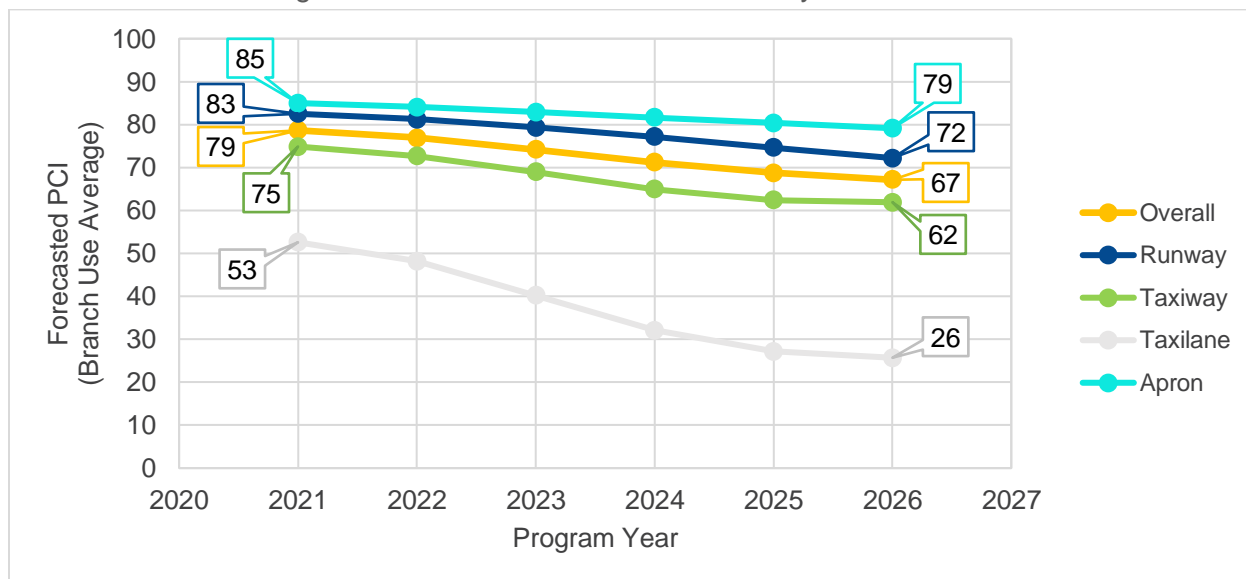
Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
GRD	AP 01	Apron	10	231,749	PCC	85	Satisfactory	9	50	41
GRD	RW 5	Runway	10	235,664	AC	46	Poor	69	31	0
GRD	RW 5	Runway	20	9,758	AAC	94	Good	100	0	0
GRD	RW 9	Runway	10	249,900	PCC	99	Good	65	0	35
GRD	RW 9	Runway	20	125,050	PCC	100	Good	89	0	11
GRD	RW 9	Runway	30	125,050	PCC	100	Good	89	0	11
GRD	TL 01	Taxilane	10	13,288	AC	55	Poor	98	0	2
GRD	TL 01	Taxilane	20	24,525	AAC	67	Fair	96	0	4
GRD	TL 01	Taxilane	30	10,486	AAC	67	Fair	88	0	12
GRD	TL 01	Taxilane	40	50,695	AAC	42	Poor	100	0	0
GRD	TW A	Taxiway	10	143,981	PCC	100	Good	0	0	0
GRD	TW B	Taxiway	10	42,242	PCC	100	Good	0	0	0
GRD	TW C	Taxiway	10	14,593	AAC	87	Good	99	0	1
GRD	TW C	Taxiway	20	15,021	AAC	83	Satisfactory	100	0	0
GRD	TW D	Taxiway	10	7,350	AAC	89	Good	100	0	0
GRD	TW D	Taxiway	20	137,593	AAC	63	Fair	100	0	0
GRD	TW D	Taxiway	30	108,021	AAC	43	Poor	100	0	0

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

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. 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 **2026 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 GRD.

Figure 6 – Forecasted 5-Year PCI by Branch Use



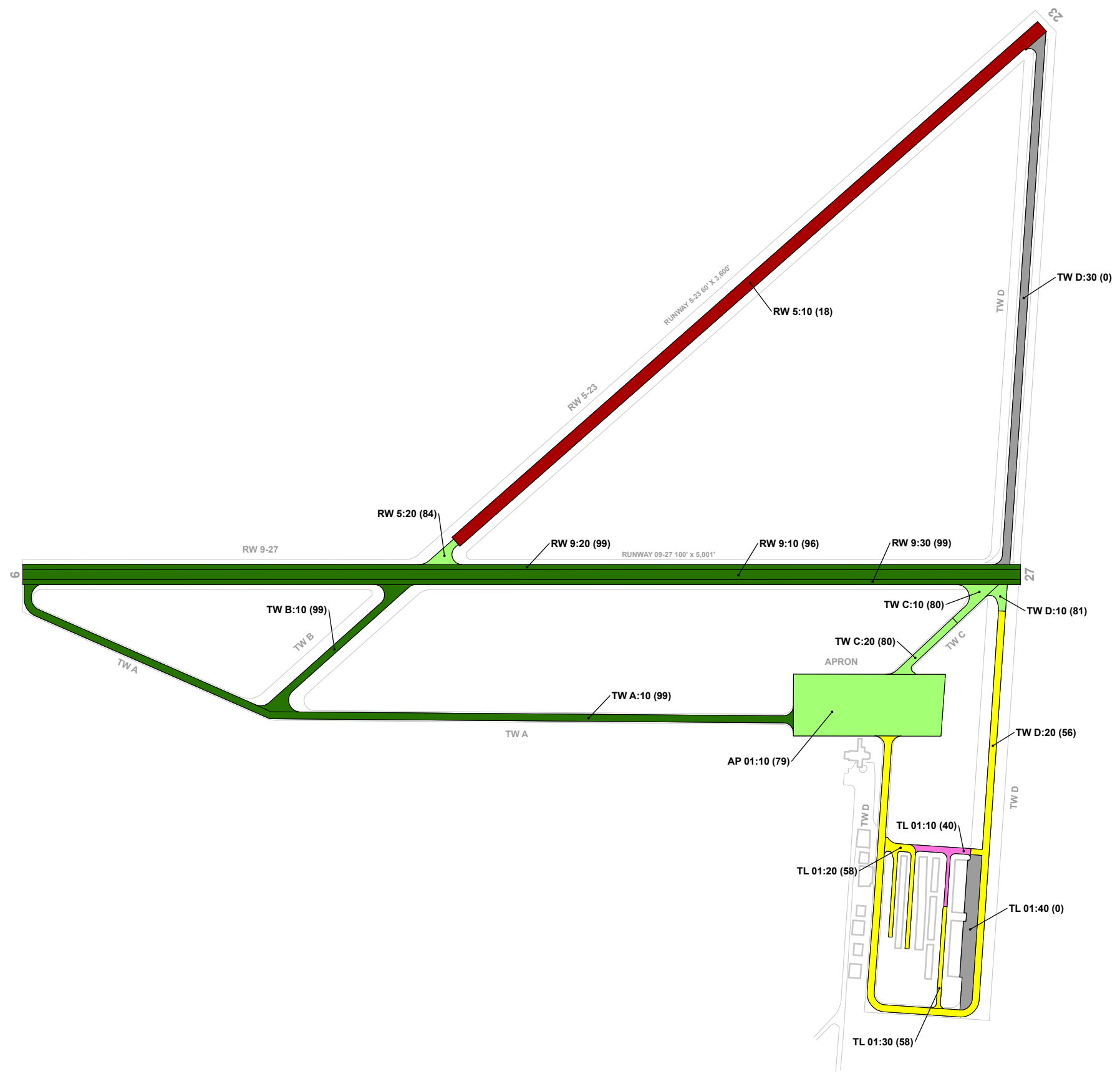
All condition forecasts are based on historical observations and analysis of South Carolina airfield pavements. The forecasts are not a guarantee of future PCI:- rather, they are a planning tool to aid in the timing of maintenance and rehabilitation activities.



GRD - Greenwood County Airport

Table 3 – Forecasted (2022-2026) Pavement Condition Index Summary - Section

Network ID	Branch ID	Section ID	Current PCI	Forecasted PCI				
				2022	2023	2024	2025	2026
GRD	AP 01	10	85	84	83	82	80	79
GRD	RW 5	10	46	42	37	31	24	18
GRD	RW 5	20	94	92	90	88	86	84
GRD	RW 9	10	99	99	98	98	97	96
GRD	RW 9	20	100	100	100	100	99	99
GRD	RW 9	30	100	100	100	100	99	99
GRD	TL 01	10	55	54	53	51	47	40
GRD	TL 01	20	67	65	63	61	59	58
GRD	TL 01	30	67	65	63	61	59	58
GRD	TL 01	40	42	35	21	7	0	0
GRD	TW A	10	100	100	100	99	99	99
GRD	TW B	10	100	100	100	99	99	99
GRD	TW C	10	87	85	83	82	81	80
GRD	TW C	20	83	82	81	80	80	80
GRD	TW D	10	89	87	85	83	82	81
GRD	TW D	20	63	61	59	58	57	56
GRD	TW D	30	43	36	23	9	0	0



Legend

2026 Forecasted Pavement Condition Index

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

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

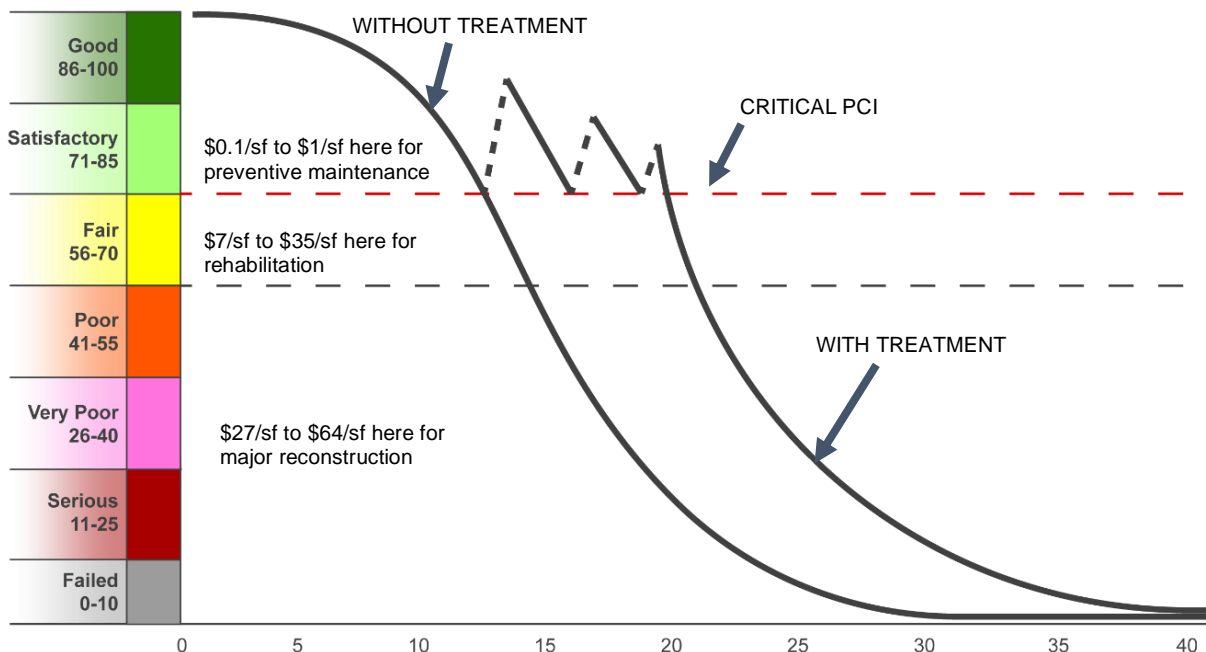
M&R Overview

An analysis was performed to assess the pavement maintenance and rehabilitation (M&R) needs at GRD over a 5-year period. The analysis compared the forecasted condition of each pavement section to 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	909	LF	\$ 3,650
	Surface Seal	45	SF	\$ 50
	AC Partial-Depth Patching	19	SF	\$ 190
	PCC Full-Depth Patching	1,165	SF	\$ 54,780
<i>Localized Preventive Maintenance Total =</i>				\$ 58,670
Localized Stopgap Maintenance	AC Crack Sealing Narrow	56,707	LF	\$ 226,840
	Surface Seal	12,740	SF	\$ 11,470
	AC Partial-Depth Patching	19	SF	\$ 200
	AC Full-Depth Patching	826	SF	\$ 17,960
<i>Localized Stopgap Maintenance Total =</i>				\$ 256,470
<i>Total Planning-Level Localized Maintenance Needs =</i>				\$ 315,140

Major Rehabilitation Needs

Major rehabilitation needs are identified by analyzing the Airport's pavement condition in relationship to Critical PCI values, 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 resets the PCI value to 100 and 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

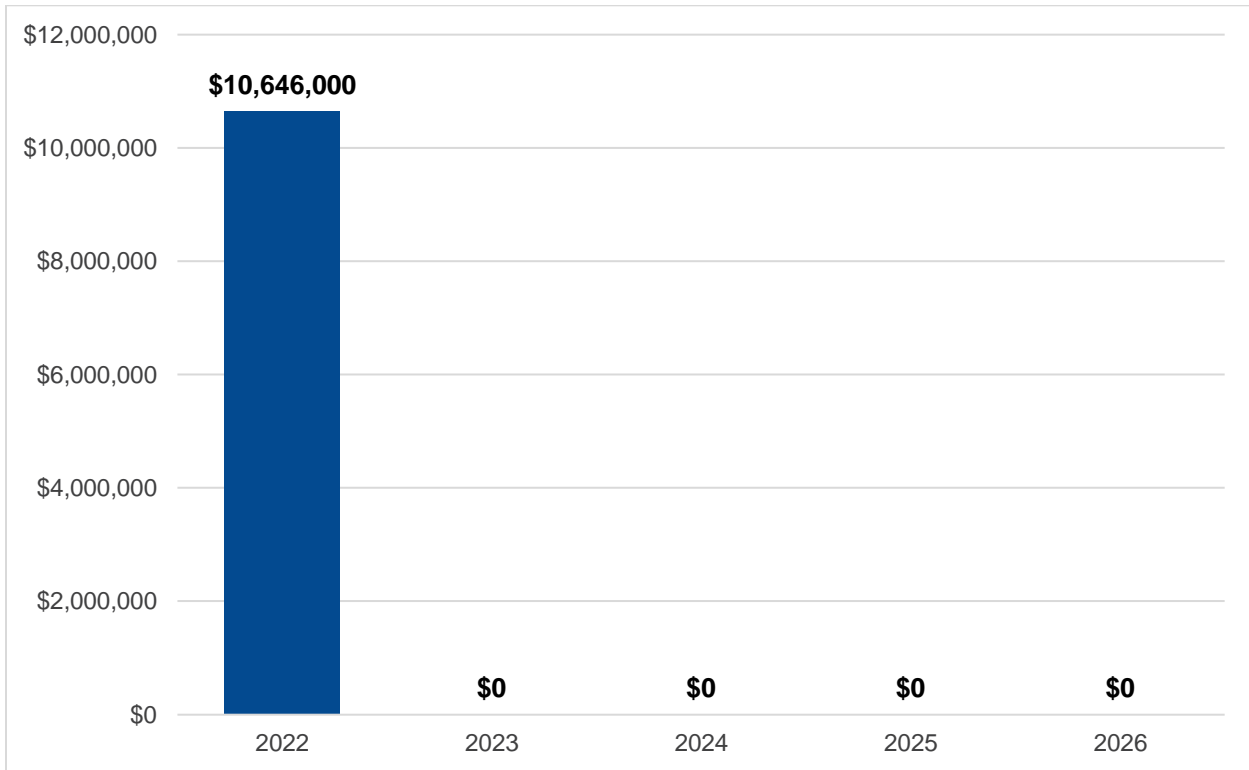
The 5-year major rehabilitation needs analysis at GRD results in a total 5-year cost of \$10.65M. The **5-Year Major Rehabilitation Needs Exhibit** graphically depicts the major

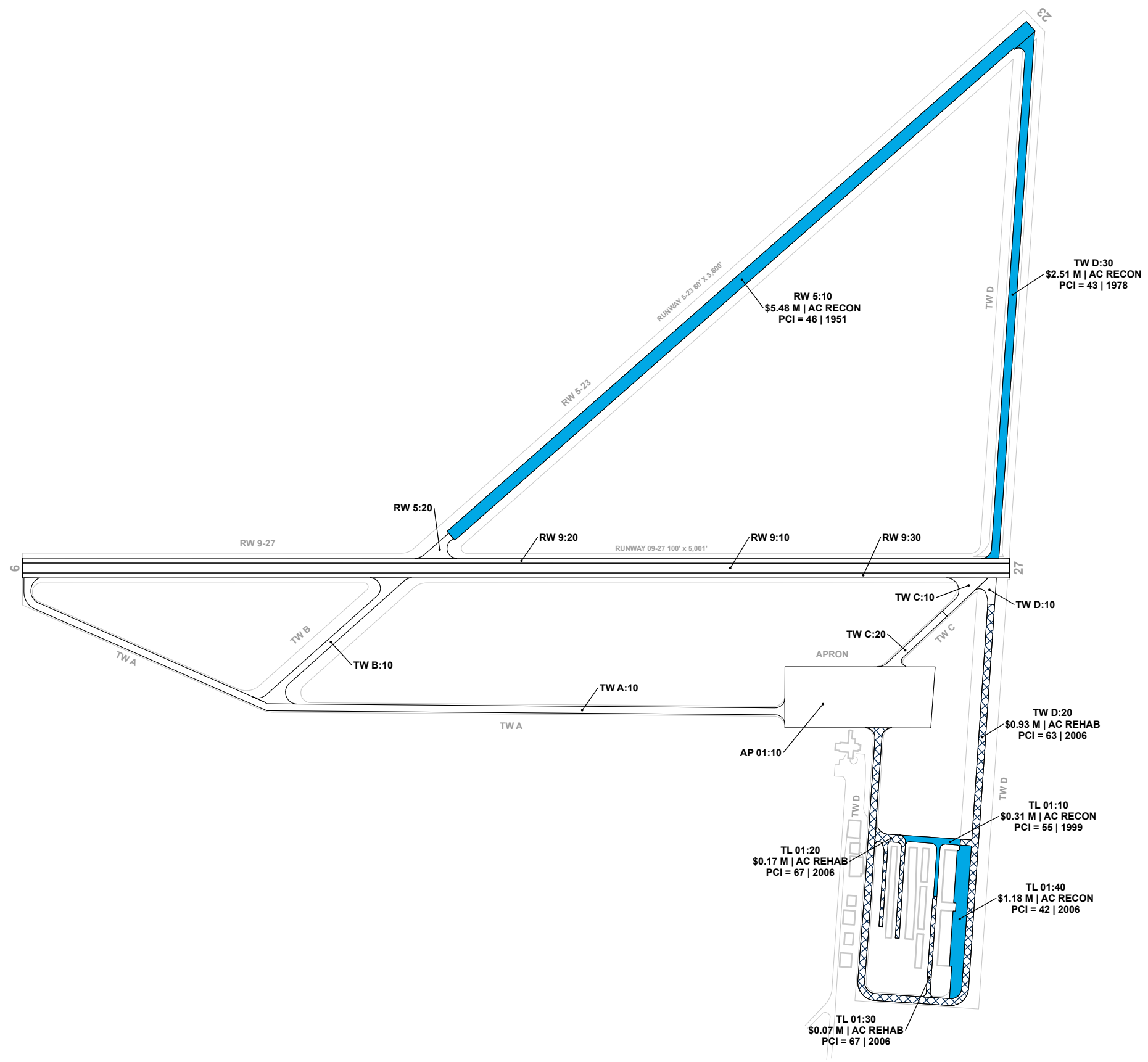
rehabilitation needs at a section-level which are also summarized in **Table 5** with rounded costs. Annual needs are displayed graphically in **Figure 8**.

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
2022	GRD	RW 5	10	AC	235,664	42	AC Reconstruction	\$ 5,480,000
2022	GRD	TL 01	10	AC	13,288	54	AC Reconstruction	\$ 309,000
2022	GRD	TL 01	20	AAC	24,525	65	AC Rehabilitation	\$ 166,000
2022	GRD	TL 01	30	AAC	10,486	65	AC Rehabilitation	\$ 71,000
2022	GRD	TL 01	40	AAC	50,695	35	AC Reconstruction	\$ 1,179,000
2022	GRD	TW D	20	AAC	137,593	61	AC Rehabilitation	\$ 929,000
2022	GRD	TW D	30	AAC	108,021	36	AC Reconstruction	\$ 2,512,000
Total 5-Year Major Rehabilitation Needs =								\$ 10,646,000

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

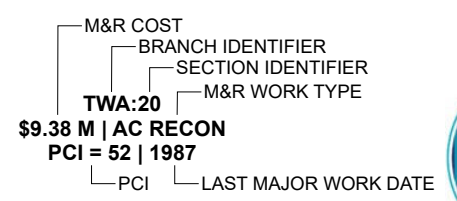




Legend

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



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



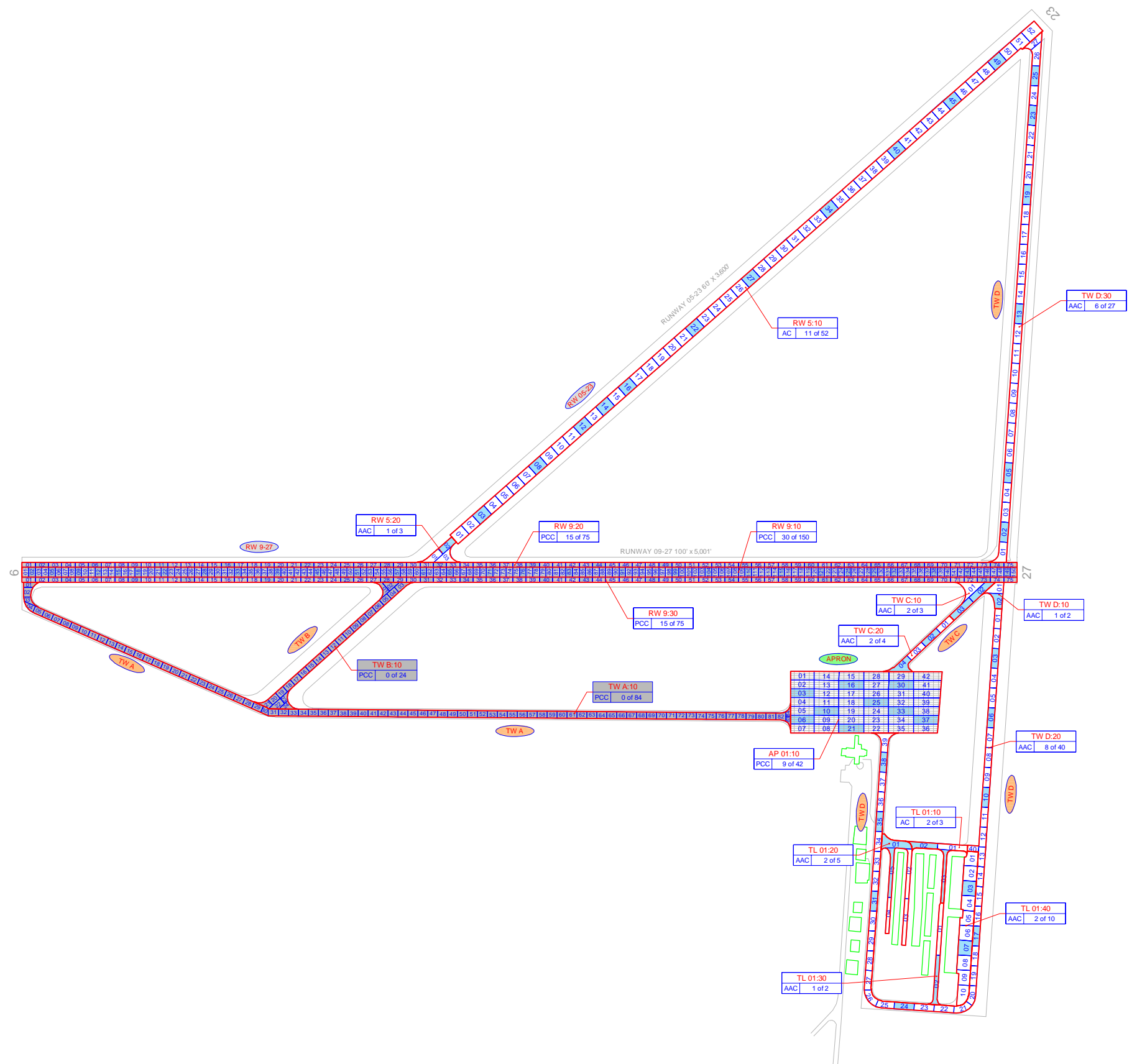
SECTION I

Appendices





Appendix A – Exhibits



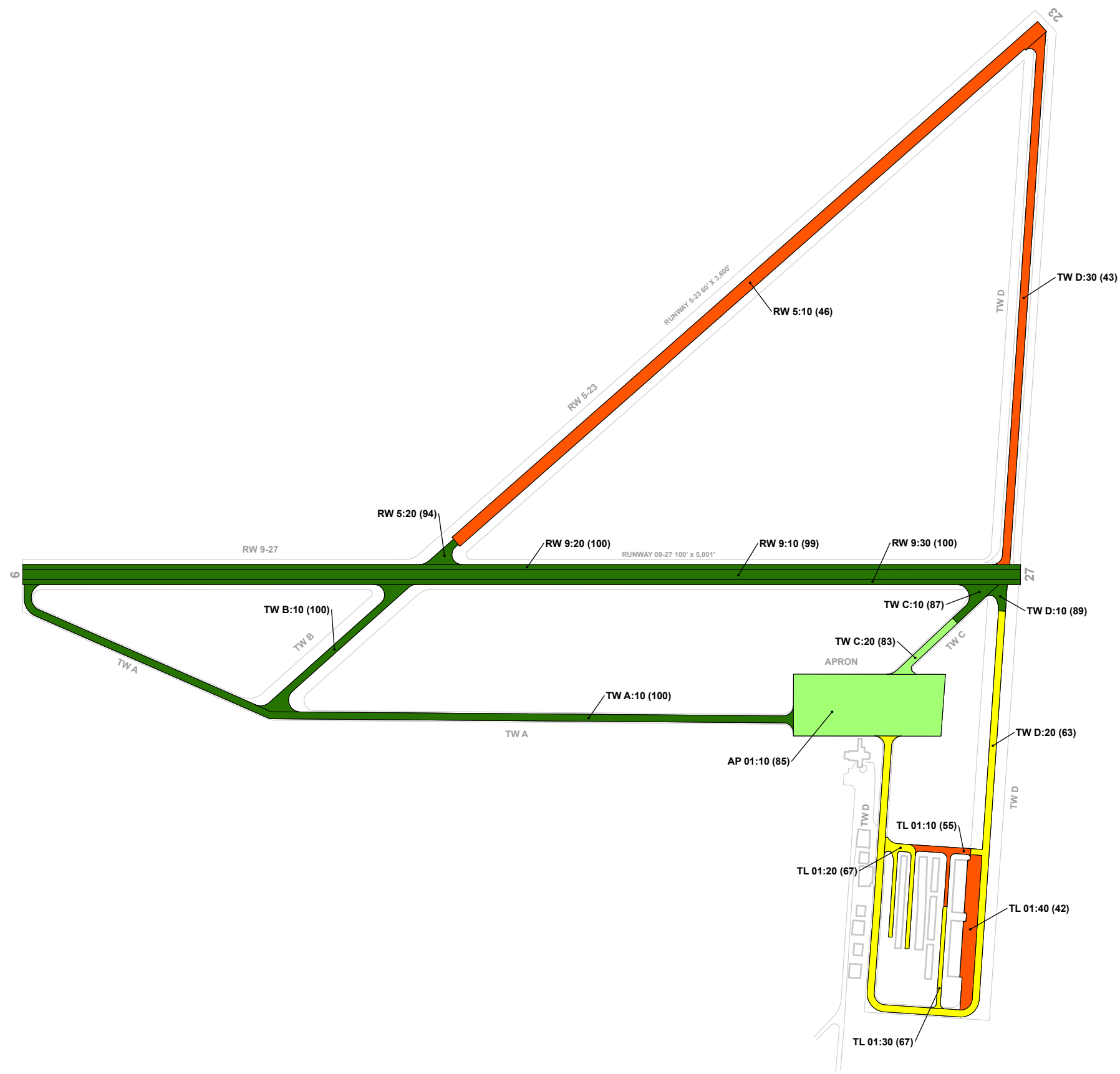
LEGEND

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

TOTAL SAMPLES INSPECTED = 107
AC: 38 PCC: 69

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





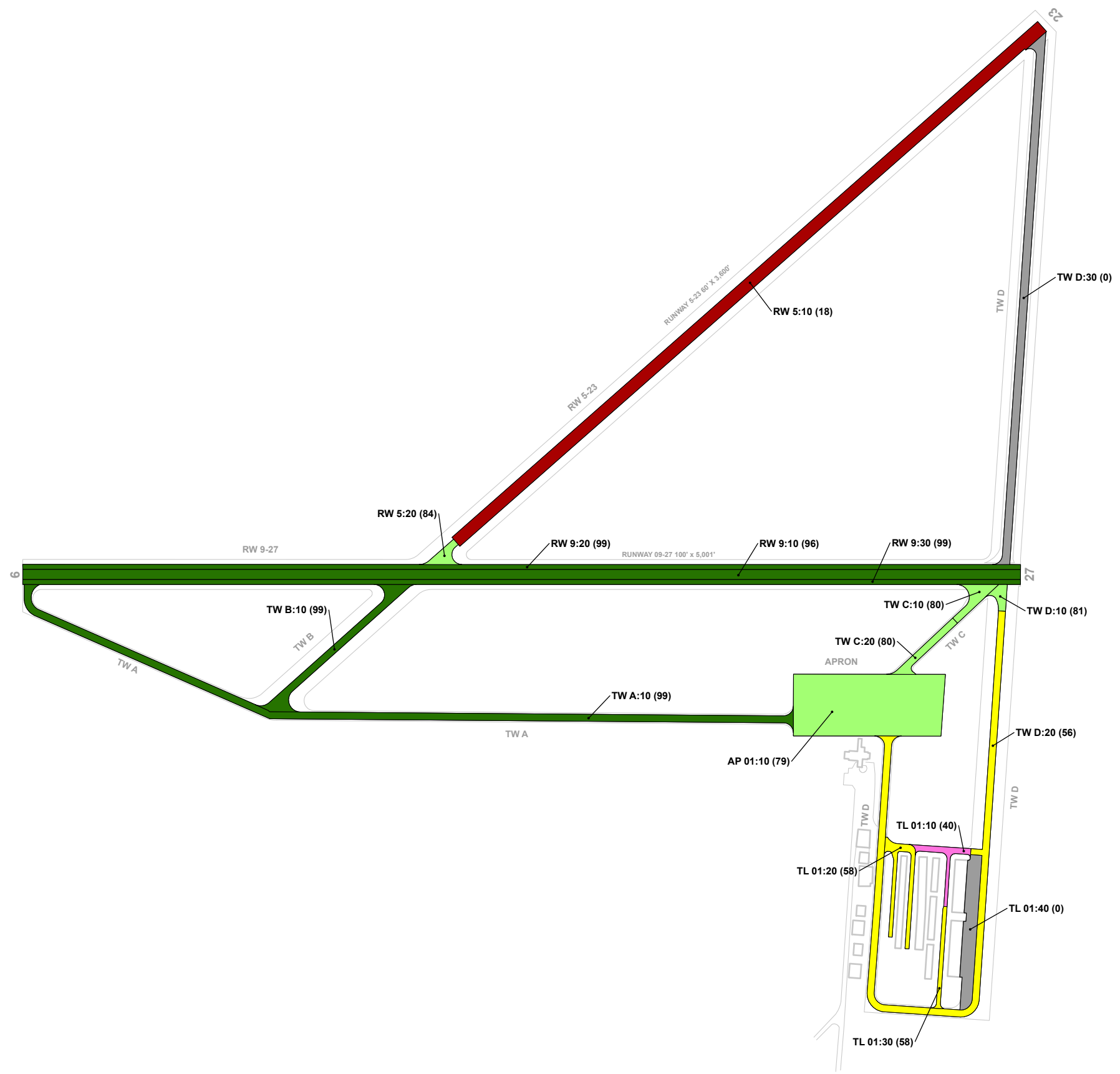
Legend

2021 Pavement Condition Index

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

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



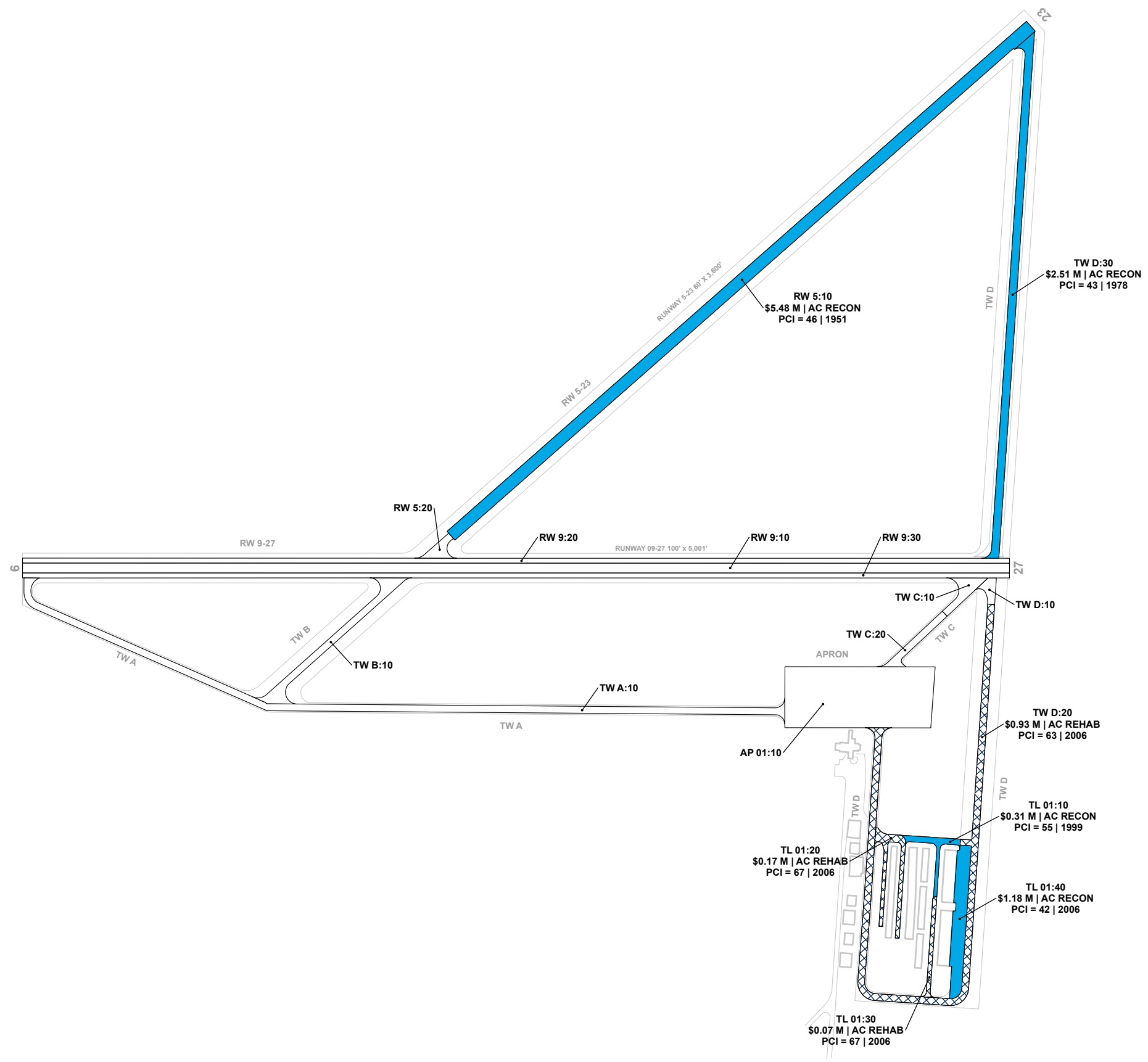


Legend

2026 Forecasted Pavement Condition Index

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

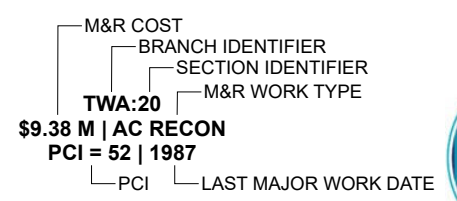
— BRANCH IDENTIFIER
 — SECTION IDENTIFIER
TWA:20 (84)
 — FORECASTED PCI



Legend

5-Year Major Rehabilitation Needs

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



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





Appendix B – Analysis Tables



GRD - Greenwood County Airport

Table B1 – System Inventory Data - Section

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface Type	Estimate of Last Construction Date
GRD	AP 01	Apron	10	231,749	PCC	6/1/1943
GRD	RW 5	Runway	10	235,664	AC	6/1/1951
GRD	RW 5	Runway	20	9,758	AAC	3/1/2016
GRD	RW 9	Runway	10	249,900	PCC	3/1/2016
GRD	RW 9	Runway	20	125,050	PCC	3/1/2016
GRD	RW 9	Runway	30	125,050	PCC	3/1/2016
GRD	TL 01	Taxilane	10	13,288	AC	6/1/1999
GRD	TL 01	Taxilane	20	24,525	AAC	6/1/2006
GRD	TL 01	Taxilane	30	10,486	AAC	6/1/2006
GRD	TL 01	Taxilane	40	50,695	AAC	6/1/2006
GRD	TW A	Taxiway	10	143,981	PCC	1/1/2021
GRD	TW B	Taxiway	10	42,242	PCC	1/1/2021
GRD	TW C	Taxiway	10	14,593	AAC	3/1/2016
GRD	TW C	Taxiway	20	15,021	AAC	3/1/2016
GRD	TW D	Taxiway	10	7,350	AAC	3/1/2016
GRD	TW D	Taxiway	20	137,593	AAC	1/1/2006
GRD	TW D	Taxiway	30	108,021	AAC	6/1/1978

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	1	231,749	85	Satisfactory
RW 5	Runway	2	245,422	48	Poor
RW 9	Runway	3	500,000	100	Good
TL 01	Taxilane	4	98,994	53	Poor
TW A	Taxiway	1	143,981	100	Good
TW B	Taxiway	1	42,242	100	Good
TW C	Taxiway	2	29,614	85	Satisfactory
TW D	Taxiway	3	252,964	55	Poor

Table B3 – Current (2021) 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
GRD	AP 01	Apron	10	231,749	PCC	85	Satisfactory	9	50	41	9	42
GRD	RW 5	Runway	10	235,664	AC	46	Poor	69	31	0	11	52
GRD	RW 5	Runway	20	9,758	AAC	94	Good	100	0	0	1	3
GRD	RW 9	Runway	10	249,900	PCC	99	Good	65	0	35	30	150
GRD	RW 9	Runway	20	125,050	PCC	100	Good	89	0	11	15	75
GRD	RW 9	Runway	30	125,050	PCC	100	Good	89	0	11	15	75
GRD	TL 01	Taxilane	10	13,288	AC	55	Poor	98	0	2	2	3
GRD	TL 01	Taxilane	20	24,525	AAC	67	Fair	96	0	4	2	5
GRD	TL 01	Taxilane	30	10,486	AAC	67	Fair	88	0	12	1	2
GRD	TL 01	Taxilane	40	50,695	AAC	42	Poor	100	0	0	2	10
GRD	TW A	Taxiway	10	143,981	PCC	100	Good	0	0	0	0	0
GRD	TW B	Taxiway	10	42,242	PCC	100	Good	0	0	0	0	0
GRD	TW C	Taxiway	10	14,593	AAC	87	Good	99	0	1	2	3
GRD	TW C	Taxiway	20	15,021	AAC	83	Satisfactory	100	0	0	2	4
GRD	TW D	Taxiway	10	7,350	AAC	89	Good	100	0	0	1	2
GRD	TW D	Taxiway	20	137,593	AAC	63	Fair	100	0	0	8	40
GRD	TW D	Taxiway	30	108,021	AAC	43	Poor	100	0	0	6	27



GRD - Greenwood County Airport

Table B4 –Forecasted (2022-2026) Pavement Condition Index Summary - Section

Network ID	Branch ID	Section ID	Current PCI	Forecasted PCI				
				2022	2023	2024	2025	2026
GRD	AP 01	10	85	84	83	82	80	79
GRD	RW 5	10	46	42	37	31	24	18
GRD	RW 5	20	94	92	90	88	86	84
GRD	RW 9	10	99	99	98	98	97	96
GRD	RW 9	20	100	100	100	100	99	99
GRD	RW 9	30	100	100	100	100	99	99
GRD	TL 01	10	55	54	53	51	47	40
GRD	TL 01	20	67	65	63	61	59	58
GRD	TL 01	30	67	65	63	61	59	58
GRD	TL 01	40	42	35	21	7	0	0
GRD	TW A	10	100	100	100	99	99	99
GRD	TW B	10	100	100	100	99	99	99
GRD	TW C	10	87	85	83	82	81	80
GRD	TW C	20	83	82	81	80	80	80
GRD	TW D	10	89	87	85	83	82	81
GRD	TW D	20	63	61	59	58	57	56
GRD	TW D	30	43	36	23	9	0	0



Appendix C – Maintenance and Rehabilitation Tables



Table C1 – Localized Maintenance Summary by Policy Type

Localized Maintenance Category	Localized Work Type	Rough Estimate of Work Quantity	Work Units	Planning Material Cost
Localized Preventive Maintenance	AC Crack Sealing Narrow	909	LF	\$ 3,650
	Surface Seal	45	SF	\$ 50
	AC Partial-Depth Patching	19	SF	\$ 190
	PCC Full-Depth Patching	1,165	SF	\$ 54,780
Localized Preventive Maintenance Total =				\$ 58,670
Localized Stopgap Maintenance	AC Crack Sealing Narrow	56,707	LF	\$ 226,840
	Surface Seal	12,740	SF	\$ 11,470
	AC Partial-Depth Patching	19	SF	\$ 200
	AC Full-Depth Patching	826	SF	\$ 17,960
Localized Stopgap Maintenance Total =				\$ 256,470
Total Planning-Level Localized Maintenance Needs =				\$ 315,140

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

Network ID	Branch ID	Section ID	Area (SF)	Start PCI	End PCI	Cost
GRD	AP 01	10	231,749	85	86	\$ 54,780
GRD	RW 5	10	235,664	46	57	\$ 112,670
GRD	RW 5	20	9,758	94	94	\$ -
GRD	RW 9	10	249,900	99	99	\$ -
GRD	RW 9	20	125,050	100	100	\$ -
GRD	RW 9	30	125,050	100	100	\$ -
GRD	TL 01	10	13,288	55	55	\$ -
GRD	TL 01	20	24,525	67	67	\$ -
GRD	TL 01	30	10,486	67	67	\$ -
GRD	TL 01	40	50,695	42	55	\$ 9,320
GRD	TW A	10	143,981	100	100	\$ -
GRD	TW B	10	42,242	100	100	\$ -
GRD	TW C	10	14,593	87	87	\$ 1,410
GRD	TW C	20	15,021	83	83	\$ 2,020
GRD	TW D	10	7,350	89	89	\$ 460
GRD	TW D	20	137,593	63	64	\$ 11,560
GRD	TW D	30	108,021	43	59	\$ 122,920



STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

GRD - Greenwood County 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
GRD	AP 01	10	CORNER BREAK	Low	5	Slabs	0.6%	Preventive	PCC Full-Depth Patching	151	SF	\$ 47.00	\$ 7,110
GRD	AP 01	10	LARGE PATCH	Medium	19	Slabs	2.2%	Preventive	PCC Full-Depth Patching	1,014	SF	\$ 47.00	\$ 47,670
GRD	TW C	10	BLEEDING	N/A	19	SF	0.1%	Preventive	AC Partial-Depth Patching	19	SF	\$ 10.00	\$ 190
GRD	TW C	10	L & T CR	Low	304	LF	2.1%	Preventive	AC Crack Sealing Narrow	304	LF	\$ 4.00	\$ 1,220
GRD	TW C	20	L & T CR	Low	492	LF	3.3%	Preventive	AC Crack Sealing Narrow	493	LF	\$ 4.00	\$ 1,970
GRD	TW C	20	WEATHERING	Medium	45	SF	0.3%	Preventive	Surface Seal	45	SF	\$ 0.90	\$ 50
GRD	TW D	10	L & T CR	Low	113	LF	1.5%	Preventive	AC Crack Sealing Narrow	113	LF	\$ 4.00	\$ 460
GRD	RW 5	10	ALLIGATOR CR	Medium	590	SF	0.3%	Stopgap	AC Full-Depth Patching	692	SF	\$ 21.75	\$ 15,060
GRD	RW 5	10	BLOCK CR	Medium	74,622	SF	31.7%	Stopgap	AC Crack Sealing Narrow	22,745	LF	\$ 4.00	\$ 90,980
GRD	RW 5	10	RAVELING	Medium	4,142	SF	1.8%	Stopgap	Surface Seal	4,142	SF	\$ 0.90	\$ 3,730
GRD	RW 5	10	RUTTING	Medium	133	SF	0.1%	Stopgap	AC Full-Depth Patching	134	SF	\$ 21.75	\$ 2,900
GRD	TL 01	40	BLOCK CR	Medium	6,536	SF	12.9%	Stopgap	AC Crack Sealing Narrow	1,992	LF	\$ 4.00	\$ 7,970
GRD	TL 01	40	L & T CR	Medium	287	LF	0.6%	Stopgap	AC Crack Sealing Narrow	287	LF	\$ 4.00	\$ 1,150
GRD	TL 01	40	RAVELING	High	19	SF	0.0%	Stopgap	AC Partial-Depth Patching	19	SF	\$ 10.00	\$ 200
GRD	TW D	20	L & T CR	Medium	953	LF	0.7%	Stopgap	AC Crack Sealing Narrow	953	LF	\$ 4.00	\$ 3,820
GRD	TW D	20	RAVELING	Medium	8,598	SF	6.3%	Stopgap	Surface Seal	8,598	SF	\$ 0.90	\$ 7,740
GRD	TW D	30	BLOCK CR	Medium	100,820	SF	93.3%	Stopgap	AC Crack Sealing Narrow	30,730	LF	\$ 4.00	\$ 122,920

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
2022	GRD	RW 5	10	AC	235,664	42	AC Reconstruction	\$ 5,480,000
2022	GRD	TL 01	10	AC	13,288	54	AC Reconstruction	\$ 309,000
2022	GRD	TL 01	20	AAC	24,525	65	AC Rehabilitation	\$ 166,000
2022	GRD	TL 01	30	AAC	10,486	65	AC Rehabilitation	\$ 71,000
2022	GRD	TL 01	40	AAC	50,695	35	AC Reconstruction	\$ 1,179,000
2022	GRD	TW D	20	AAC	137,593	61	AC Rehabilitation	\$ 929,000
2022	GRD	TW D	30	AAC	108,021	36	AC Reconstruction	\$ 2,512,000
Total 5-Year Major Rehabilitation Needs =								\$ 10,646,000



Appendix D – Detailed PCI Results

AP 01

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
AP 01	APRON	1	231,749	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	231,749	PCC	1943	-	85	Satisfactory	9	50	41



AP 01-10



AP 01-10

RW 5

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
RW 5	RUNWAY	2	245,422	48	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	235,664	AC	1951	2011	46	Poor	69	31	0
20	9,758	AAC	2016	-	94	Good	100	0	0



RW 5-10



RW 5-10

RW 9

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
RW 9	RUNWAY	3	500,000	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	249,900	PCC	2016	-	99	Good	65	0	35
20	125,050	PCC	2016	-	100	Good	89	0	11
30	125,050	PCC	2016	-	100	Good	89	0	11



RW 9-10



RW 9-30

TL 01

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TL 01	TAXILANE	4	98,994	53	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	13,288	AC	1999	2011	55	Poor	98	0	2
20	24,525	AAC	2006	2011	67	Fair	96	0	4
30	10,486	AAC	2006	-	67	Fair	88	0	12
40	50,695	AAC	2006	2011	42	Poor	100	0	0



TL 01-10



TL 01-20



TL 01-40



TL 01-40

TW A

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW A	TAXIWAY	1	143,981	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	143,981	PCC	2021	-	100	Good	0	0	0

TW B

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW B	TAXIWAY	1	42,242	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	42,242	PCC	2021	-	100	Good	0	0	0

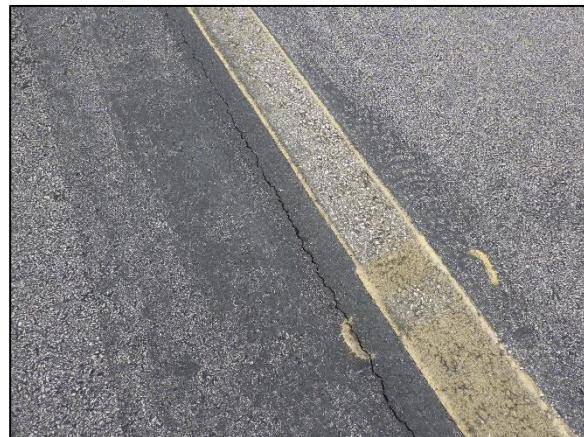
TW C

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW C	TAXIWAY	2	29,614	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	14,593	AAC	2016	-	87	Good	99	0	1
20	15,021	AAC	2016	-	83	Satisfactory	100	0	0



TW C-10



TW C-20

TW D

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW D	TAXIWAY	3	252,964	55	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	7,350	AAC	2016	-	89	Good	100	0	0
20	137,593	AAC	2006	-	63	Fair	100	0	0
30	108,021	AAC	1978	2014	43	Poor	100	0	0



TW D-20



TW D-30



TW D-30



Appendix E – Re-Inspection Report

Re-Inspection Report

SCAC_2021

Generated Date

5/29/2022

Page 1 of 25

Network: GRD	Name: Greenwood County Airport	
Branch: AP 01	Name: MAIN APRON	Use: APRON Area: 231,749 SqFt
Section: 10 of 1	From: -	To: - Last Const.: 6/1/1943
Surface: PCC	Family: SC III & IV-PCC	Zone: Category: G Rank: P
Area: 231,749 SqFt	Length: 309 Ft	Width: 750 Ft
Slabs: 843	Slab Length: 25 Ft	Slab Width: 11 Ft Joint Length: 29,279 Ft
Shoulder:	Street Type:	Grade: 0 Lanes: 0

Section Comments:

Work Date: 6/1/1943	Work Type: Surface Course - PCC (Layer Construct)	Code: SU-PC	Is Major M&R: False
Work Date: 6/1/1943	Work Type: New Construction - Initial	Code: NU-IN	Is Major M&R: True
Work Date: 1/1/2016	Work Type: Joint Resealing - PCC	Code: JR-PC	Is Major M&R: False
Work Date: 1/1/2016	Work Type: Patching - PCC	Code: PA-PCC	Is Major M&R: False

Last Insp. Date: 9/20/2021 **TotalSamples:** 42 **Surveyed:** 9

Conditions: PCI: 85

Inspection Comments:

Sample Number: 03 **Type:** R **Area:** 20.00 Slabs **PCI:** 87

Sample Comments:

63	LINEAR CR	L	2.00 Slabs
66	SMALL PATCH	L	1.00 Slabs
73	SHRINKAGE CR	N	2.00 Slabs
74	JOINT SPALL	L	1.00 Slabs

Sample Number: 06 **Type:** R **Area:** 20.00 Slabs **PCI:** 64

Sample Comments:

62	CORNER BREAK	L	1.00 Slabs
63	LINEAR CR	L	5.00 Slabs
67	LARGE PATCH	M	4.00 Slabs

Sample Number: 10 **Type:** R **Area:** 20.00 Slabs **PCI:** 86

Sample Comments:

63	LINEAR CR	L	3.00 Slabs
66	SMALL PATCH	L	1.00 Slabs
75	CORNER SPALL	L	1.00 Slabs

Sample Number: 16 **Type:** R **Area:** 20.00 Slabs **PCI:** 91

Sample Comments:

63	LINEAR CR	L	2.00 Slabs
66	SMALL PATCH	L	1.00 Slabs

Sample Number: 21 **Type:** R **Area:** 20.00 Slabs **PCI:** 85

Sample Comments:

63	LINEAR CR	L	3.00 Slabs
66	SMALL PATCH	L	3.00 Slabs
73	SHRINKAGE CR	N	1.00 Slabs

Sample Number: 25 **Type:** R **Area:** 20.00 Slabs **PCI:** 97

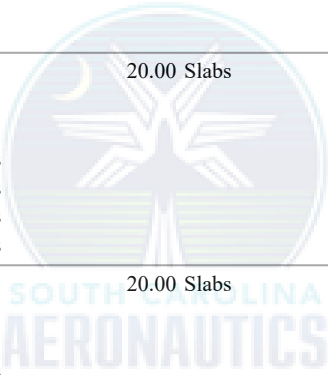
Sample Comments:

66	SMALL PATCH	L	4.00 Slabs
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Sample Number: 30 **Type:** R **Area:** 20.00 Slabs **PCI:** 84

Sample Comments:

63	LINEAR CR	L	3.00 Slabs
66	SMALL PATCH	L	1.00 Slabs
67	LARGE PATCH	L	1.00 Slabs



Sample Number: 33	Type: R	Area: 20.00 Slabs	PCI: 82
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Sample Comments:

63	LINEAR CR	L	4.00 Slabs
66	SMALL PATCH	L	1.00 Slabs
74	JOINT SPALL	L	2.00 Slabs

Sample Number: 37	Type: R	Area: 20.00 Slabs	PCI: 92
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Sample Comments:

63	LINEAR CR	L	1.00 Slabs
65	JT SEAL DMG	L	20.00 Slabs
74	JOINT SPALL	L	1.00 Slabs



Network:	GRD	Name:	Greenwood County Airport						
Branch:	RW 5	Name:	RUNWAY 5/23	Use:	RUNWAY	Area:	245,422 SqFt		
Section:	10	of	2	From:	-	To:	-	Last Const.:	6/1/1951
Surface:	AC	Family:	SC III & IV-RW-AC	Zone:		Category:		Rank:	P
Area:	235,664 SqFt	Length:	3,910 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:	6/1/1951	Work Type:	New Construction - Initial		Code:	NU-IN	Is Major M&R:	True	
Work Date:	6/1/2011	Work Type:	Surface Seal - Rejuvenating		Code:	SS-RE	Is Major M&R:	False	
Last Insp. Date:	9/20/2021	Total Samples:	52	Surveyed:	11				
Conditions:	PCI: 46								
Inspection Comments:									
Sample Number:	03	Type:	R	Area:	4500.00 SqFt	PCI:	50		
Sample Comments:									
43	BLOCK CR	L		3150.00	SqFt				
43	BLOCK CR	M		1350.00	SqFt				
52	RAVELING	L		900.00	SqFt				
Sample Number:	08	Type:	R	Area:	4500.00 SqFt	PCI:	42		
Sample Comments:									
43	BLOCK CR	L		3150.00	SqFt				
43	BLOCK CR	M		1350.00	SqFt				
52	RAVELING	L		900.00	SqFt				
53	RUTTING	L		129.00	SqFt				
Sample Number:	12	Type:	R	Area:	4500.00 SqFt	PCI:	31		
Sample Comments:									
41	ALLIGATOR CR	M		28.00	SqFt				
43	BLOCK CR	L		3129.00	SqFt				
43	BLOCK CR	M		1343.00	SqFt				
52	RAVELING	L		900.00	SqFt				
53	RUTTING	L		96.00	SqFt				
53	RUTTING	M		28.00	SqFt				
Sample Number:	14	Type:	R	Area:	4500.00 SqFt	PCI:	28		
Sample Comments:									
41	ALLIGATOR CR	M		96.00	SqFt				
43	BLOCK CR	L		2931.00	SqFt				
43	BLOCK CR	M		1281.00	SqFt				
50	PATCHING	M		192.00	SqFt				
52	RAVELING	M		870.00	SqFt				
Sample Number:	16	Type:	R	Area:	4500.00 SqFt	PCI:	50		
Sample Comments:									
43	BLOCK CR	L		3150.00	SqFt				
43	BLOCK CR	M		1350.00	SqFt				
52	RAVELING	L		900.00	SqFt				
Sample Number:	22	Type:	R	Area:	4500.00 SqFt	PCI:	50		
Sample Comments:									
43	BLOCK CR	L		3150.00	SqFt				
43	BLOCK CR	M		1350.00	SqFt				
52	RAVELING	L		900.00	SqFt				
Sample Number:	27	Type:	R	Area:	4500.00 SqFt	PCI:	48		
Sample Comments:									
43	BLOCK CR	L		2250.00	SqFt				
43	BLOCK CR	M		2250.00	SqFt				
52	RAVELING	L		900.00	SqFt				



Sample Number: 34 **Type:** R **Area:** 4500.00 SqFt **PCI:** 50

Sample Comments:

43	BLOCK CR	L	3150.00	SqFt
43	BLOCK CR	M	1350.00	SqFt
52	RAVELING	L	900.00	SqFt

Sample Number: 40 **Type:** R **Area:** 4500.00 SqFt **PCI:** 50

Sample Comments:

43	BLOCK CR	L	3150.00	SqFt
43	BLOCK CR	M	1350.00	SqFt
52	RAVELING	L	900.00	SqFt

Sample Number: 45 **Type:** R **Area:** 4500.00 SqFt **PCI:** 50

Sample Comments:

43	BLOCK CR	L	3150.00	SqFt
43	BLOCK CR	M	1350.00	SqFt
52	RAVELING	L	900.00	SqFt

Sample Number: 49 **Type:** R **Area:** 4500.00 SqFt **PCI:** 50

Sample Comments:

43	BLOCK CR	L	3150.00	SqFt
43	BLOCK CR	M	1350.00	SqFt
52	RAVELING	L	900.00	SqFt



Network:	GRD	Name:	Greenwood County Airport						
Branch:	RW 5	Name:	RUNWAY 5/23	Use:	RUNWAY	Area:	245,422 SqFt		
Section:	20	of	2	From:	-	To:	-	Last Const.:	3/1/2016
Surface:	AAC	Family:	SC III & IV-RW-AC	Zone:		Category:		Rank:	P
Area:	9,758 SqFt	Length:	175 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:	6/1/1951	Work Type:	New Construction - Initial		Code:	NU-IN	Is Major M&R:	True	
Work Date:	3/1/2016	Work Type:	Overlay - AC Structural		Code:	OL-AS	Is Major M&R:	True	
Last Insp. Date:	9/20/2021	Total Samples:	3	Surveyed:	1				
Conditions:	PCI: 94								
Inspection Comments:									
Sample Number:	02	Type:	R	Area:	3160.00 SqFt	PCI:	94		
Sample Comments:									
57	WEATHERING	L	3160.00	SqFt					



Network: GRD **Name:** Greenwood County Airport

Branch: RW 9 **Name:** RUNWAY 9/27 **Use:** RUNWAY **Area:** 500,000 SqFt

Section: 10 of 3 **From:** - **To:** - **Last Const.:** 3/1/2016

Surface: PCC **Family:** SC III & IV-PCC **Zone:** **Category:** G **Rank:** P

Area: 249,900 SqFt **Length:** 5,000 Ft **Width:** 50 Ft

Slabs: 3,628 **Slab Length:** 8 Ft **Slab Width:** 8 Ft **Joint Length:** 55,191 Ft

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

Section Comments:

Work Date: 5/1/1988 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Work Date: 7/1/1994 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 7/1/1994 **Work Type:** OVERLAY-AC GLOBAL **Code:** OL-AT **Is Major M&R:** False

Work Date: 7/1/1994 **Work Type:** OVERLAY-AC GLOBAL **Code:** OL-AT **Is Major M&R:** False

Work Date: 1/1/2005 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Work Date: 3/1/2016 **Work Type:** Overlay-PCC **Code:** OL-PCC **Is Major M&R:** True

Last Insp. Date: 9/20/2021 **Total Samples:** 150 **Surveyed:** 30

Conditions: PCI: 99

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 24.00 Slabs **PCI:** 98

Sample Comments:

65 JT SEAL DMG L 24.00 Slabs

Sample Number: 05 **Type:** R **Area:** 24.00 Slabs **PCI:** 100

Sample Comments:

<No Distress>

Sample Number: 09 **Type:** R **Area:** 24.00 Slabs **PCI:** 98

Sample Comments:

73 SHRINKAGE CR N 3.00 Slabs

Sample Number: 104 **Type:** R **Area:** 24.00 Slabs **PCI:** 100

Sample Comments:

<No Distress>

Sample Number: 110 **Type:** R **Area:** 24.00 Slabs **PCI:** 100

Sample Comments:

<No Distress>

Sample Number: 115 **Type:** R **Area:** 24.00 Slabs **PCI:** 100

Sample Comments:

<No Distress>

Sample Number: 12 **Type:** R **Area:** 24.00 Slabs **PCI:** 98

Sample Comments:

73 SHRINKAGE CR N 3.00 Slabs

Sample Number: 121 **Type:** R **Area:** 24.00 Slabs **PCI:** 100

Sample Comments:

<No Distress>

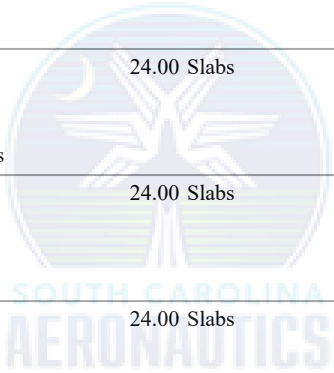
Sample Number: 125 **Type:** R **Area:** 24.00 Slabs **PCI:** 98

Sample Comments:

73 SHRINKAGE CR N 2.00 Slabs

Sample Number: 129 **Type:** R **Area:** 24.00 Slabs **PCI:** 98

Sample Comments:



73	SHRINKAGE CR	N	2.00	Slabs		
Sample Number:	132	Type:	R	Area:	24.00 Slabs	PCI: 100
Sample Comments:						
<No Distress>						
Sample Number:	138	Type:	R	Area:	24.00 Slabs	PCI: 100
Sample Comments:						
<No Distress>						
Sample Number:	143	Type:	R	Area:	24.00 Slabs	PCI: 100
Sample Comments:						
<No Distress>						
Sample Number:	149	Type:	R	Area:	24.00 Slabs	PCI: 100
Sample Comments:						
<No Distress>						
Sample Number:	15	Type:	R	Area:	24.00 Slabs	PCI: 98
Sample Comments:						
75	CORNER SPALL	L	1.00	Slabs		
Sample Number:	18	Type:	R	Area:	24.00 Slabs	PCI: 98
Sample Comments:						
73	SHRINKAGE CR	N	2.00	Slabs		
Sample Number:	22	Type:	R	Area:	24.00 Slabs	PCI: 97
Sample Comments:						
65	JT SEAL DMG	L	24.00	Slabs		
73	SHRINKAGE CR	N	1.00	Slabs		
Sample Number:	28	Type:	R	Area:	24.00 Slabs	PCI: 98
Sample Comments:						
73	SHRINKAGE CR	N	2.00	Slabs		
Sample Number:	33	Type:	R	Area:	24.00 Slabs	PCI: 100
Sample Comments:						
<No Distress>						
Sample Number:	39	Type:	R	Area:	24.00 Slabs	PCI: 100
Sample Comments:						
<No Distress>						
Sample Number:	45	Type:	R	Area:	24.00 Slabs	PCI: 98
Sample Comments:						
75	CORNER SPALL	L	1.00	Slabs		
Sample Number:	51	Type:	R	Area:	24.00 Slabs	PCI: 100
Sample Comments:						
<No Distress>						
Sample Number:	57	Type:	R	Area:	24.00 Slabs	PCI: 99
Sample Comments:						
73	SHRINKAGE CR	N	1.00	Slabs		
Sample Number:	61	Type:	R	Area:	24.00 Slabs	PCI: 100
Sample Comments:						
<No Distress>						
Sample Number:	65	Type:	R	Area:	24.00 Slabs	PCI: 98
Sample Comments:						
73	SHRINKAGE CR	N	2.00	Slabs		
Sample Number:	71	Type:	R	Area:	24.00 Slabs	PCI: 100
Sample Comments:						

<No Distress>

Sample Number: 76	Type: R	Area: 24.00 Slabs	PCI: 100
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Sample Comments:

<No Distress>

Sample Number: 83	Type: R	Area: 24.00 Slabs	PCI: 98
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Sample Comments:

75 CORNER SPALL L 1.00 Slabs

Sample Number: 91	Type: R	Area: 24.00 Slabs	PCI: 98
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Sample Comments:

75 CORNER SPALL L 1.00 Slabs

Sample Number: 99	Type: R	Area: 24.00 Slabs	PCI: 100
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Sample Comments:

<No Distress>



Network:	GRD	Name:	Greenwood County Airport				
Branch:	RW 9	Name:	RUNWAY 9/27	Use:	RUNWAY	Area:	500,000 SqFt
Section:	20	of 3	From:	-	To:	-	Last Const.: 3/1/2016
Surface:	PCC	Family:	SC III & IV-PCC	Zone:		Category:	G
Area:	125,050 SqFt	Length:	5,000 Ft	Width:	25 Ft	Rank:	P
Slabs:	1,815	Slab Length:	8 Ft	Slab Width:	8 Ft	Joint Length:	25,095 Ft
Shoulder:		Street Type:		Grade:	0	Lanes:	0
Section Comments:							
Work Date:	5/1/1988	Work Type:	Crack Sealing - AC	Code:	CS-AC	Is Major M&R:	False
Work Date:	7/1/1994	Work Type:	New Construction - Initial	Code:	NU-IN	Is Major M&R:	True
Work Date:	7/1/1994	Work Type:	OVERLAY-AC GLOBAL	Code:	OL-AT	Is Major M&R:	False
Work Date:	7/1/1994	Work Type:	OVERLAY-AC GLOBAL	Code:	OL-AT	Is Major M&R:	False
Work Date:	1/1/2005	Work Type:	Surface Seal - Rejuvenating	Code:	SS-RE	Is Major M&R:	False
Work Date:	3/1/2016	Work Type:	Overlay-PCC	Code:	OL-PCC	Is Major M&R:	True

Last Insp. Date: 9/20/2021 **Total Samples:** 75 **Surveyed:** 15

Conditions: PCI: 100

Inspection Comments:

Sample Number:	02	Type:	R	Area:	24.00 Slabs	PCI:	98
Sample Comments:							
65	JT SEAL DMG		L	24.00	Slabs		
Sample Number:	06	Type:	R	Area:	24.00 Slabs	PCI:	100
Sample Comments:							
<No Distress>							
Sample Number:	11	Type:	R	Area:	24.00 Slabs	PCI:	100
Sample Comments:							
<No Distress>							
Sample Number:	16	Type:	R	Area:	24.00 Slabs	PCI:	98
Sample Comments:							
65	JT SEAL DMG		L	24.00	Slabs		
Sample Number:	22	Type:	R	Area:	24.00 Slabs	PCI:	100
Sample Comments:							
<No Distress>							
Sample Number:	28	Type:	R	Area:	24.00 Slabs	PCI:	100
Sample Comments:							
<No Distress>							
Sample Number:	32	Type:	R	Area:	24.00 Slabs	PCI:	100
Sample Comments:							
<No Distress>							
Sample Number:	39	Type:	R	Area:	24.00 Slabs	PCI:	99
Sample Comments:							
73	SHRINKAGE CR		N	1.00	Slabs		
Sample Number:	44	Type:	R	Area:	24.00 Slabs	PCI:	100
Sample Comments:							
<No Distress>							
Sample Number:	49	Type:	R	Area:	24.00 Slabs	PCI:	100
Sample Comments:							

<No Distress>

Sample Number: 55	Type: R	Area: 24.00 Slabs	PCI: 100
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Sample Comments:

<No Distress>

Sample Number: 60	Type: R	Area: 24.00 Slabs	PCI: 100
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Sample Comments:

<No Distress>

Sample Number: 65	Type: R	Area: 24.00 Slabs	PCI: 100
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Sample Comments:

<No Distress>

Sample Number: 68	Type: R	Area: 24.00 Slabs	PCI: 100
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Sample Comments:

<No Distress>

Sample Number: 74	Type: R	Area: 24.00 Slabs	PCI: 98
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Sample Comments:

65	JT SEAL DMG	L	24.00 Slabs
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Network: GRD **Name:** Greenwood County Airport

Branch: RW 9 **Name:** RUNWAY 9/27 **Use:** RUNWAY **Area:** 500,000 SqFt

Section: 30 of 3 **From:** - **To:** - **Last Const.:** 3/1/2016

Surface: PCC **Family:** SC III & IV-PCC **Zone:** **Category:** G **Rank:** P

Area: 125,050 SqFt **Length:** 5,000 Ft **Width:** 25 Ft

Slabs: 1,815 **Slab Length:** 8 Ft **Slab Width:** 8 Ft **Joint Length:** 25,095 Ft

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

Section Comments:

Work Date: 7/1/1994 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 7/1/1994 **Work Type:** OVERLAY-AC GLOBAL **Code:** OL-AT **Is Major M&R:** False

Work Date: 7/1/1994 **Work Type:** OVERLAY-AC GLOBAL **Code:** OL-AT **Is Major M&R:** False

Work Date: 5/1/1998 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Work Date: 1/1/2005 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Work Date: 3/1/2016 **Work Type:** Overlay-PCC **Code:** OL-PCC **Is Major M&R:** True

Last Insp. Date: 9/20/2021 **Total Samples:** 75 **Surveyed:** 15

Conditions: PCI: 100

Inspection Comments:

Sample Number: 04 **Type:** R **Area:** 24.00 Slabs **PCI:** 100

Sample Comments:

<No Distress>

Sample Number: 09 **Type:** R **Area:** 24.00 Slabs **PCI:** 100

Sample Comments:

<No Distress>

Sample Number: 13 **Type:** R **Area:** 24.00 Slabs **PCI:** 100

Sample Comments:

<No Distress>

Sample Number: 19 **Type:** R **Area:** 24.00 Slabs **PCI:** 98

Sample Comments:

65 JT SEAL DMG L 24.00 Slabs

Sample Number: 25 **Type:** R **Area:** 24.00 Slabs **PCI:** 100

Sample Comments:

<No Distress>

Sample Number: 28 **Type:** R **Area:** 24.00 Slabs **PCI:** 98

Sample Comments:

65 JT SEAL DMG L 24.00 Slabs

Sample Number: 31 **Type:** R **Area:** 24.00 Slabs **PCI:** 98

Sample Comments:

65 JT SEAL DMG L 24.00 Slabs

Sample Number: 34 **Type:** R **Area:** 24.00 Slabs **PCI:** 100

Sample Comments:

<No Distress>

Sample Number: 40 **Type:** R **Area:** 24.00 Slabs **PCI:** 100

Sample Comments:

<No Distress>

Sample Number: 43 **Type:** R **Area:** 24.00 Slabs **PCI:** 100

Sample Comments:



<No Distress>

Sample Number: 48 **Type:** R **Area:** 24.00 Slabs **PCI:** 99

Sample Comments:

73 SHRINKAGE CR N 1.00 Slabs

Sample Number: 54 **Type:** R **Area:** 24.00 Slabs **PCI:** 100

Sample Comments:

<No Distress>

Sample Number: 61 **Type:** R **Area:** 24.00 Slabs **PCI:** 100

Sample Comments:

<No Distress>

Sample Number: 68 **Type:** R **Area:** 24.00 Slabs **PCI:** 100

Sample Comments:

<No Distress>

Sample Number: 73 **Type:** R **Area:** 24.00 Slabs **PCI:** 100

Sample Comments:

<No Distress>



Network: GRD **Name:** Greenwood County Airport

Branch: TL 01 **Name:** TAXILANE 01 **Use:** TAXILANE **Area:** 98,994 SqFt

Section: 10 of 4 **From:** - **To:** - **Last Const.:** 6/1/1999

Surface: AC **Family:** SC III & IV-TW-TL-AC **Zone:** **Category:** G **Rank:** T

Area: 13,288 SqFt **Length:** 360 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: 6/1/1999 **Work Type:** Surface Course - AC (Layer Construct) **Code:** SU-AC **Is Major M&R:** False

Work Date: 6/1/1999 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 1/1/2011 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Last Insp. Date: 9/20/2021 **TotalSamples:** 3 **Surveyed:** 2

Conditions: PCI: 55

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 4124.00 SqFt **PCI:** 54

Sample Comments:

43 BLOCK CR L 3299.00 SqFt

48 L & T CR L 89.00 Ft

52 RAVELING L 3299.00 SqFt

57 WEATHERING L 825.00 SqFt

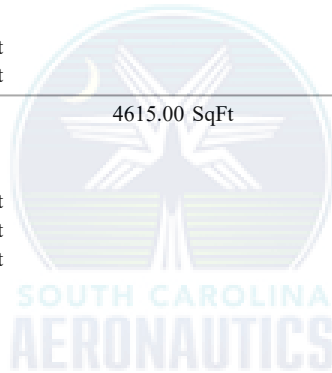
Sample Number: 03 **Type:** R **Area:** 4615.00 SqFt **PCI:** 56

Sample Comments:

43 BLOCK CR L 4615.00 SqFt

45 DEPRESSION L 24.00 SqFt

52 RAVELING L 4615.00 SqFt



Network: GRD **Name:** Greenwood County Airport

Branch: TL 01 **Name:** TAXILANE 01 **Use:** TAXILANE **Area:** 98,994 SqFt

Section: 20 of 4 **From:** - **To:** - **Last Const.:** 6/1/2006

Surface: AAC **Family:** SC III & IV-TW-TL-AC **Zone:** **Category:** G **Rank:** T

Area: 24,525 SqFt **Length:** 2,317 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: 6/1/1978 **Work Type:** New Construction - Initial **Code:** NU-IN **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: 6/1/2006 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

Work Date: 6/1/2011 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Last Insp. Date: 9/20/2021 **TotalSamples:** 5 **Surveyed:** 2

Conditions: PCI: 67

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 6663.00 SqFt **PCI:** 60

Sample Comments:

45 DEPRESSION L 22.00 SqFt
48 L & T CR L 836.00 Ft
52 RAVELING L 666.00 SqFt
56 SWELLING L 10.00 SqFt
57 WEATHERING L 5997.00 SqFt

Sample Number: 05 **Type:** R **Area:** 4839.00 SqFt **PCI:** 76

Sample Comments:

48 L & T CR L 217.00 Ft
52 RAVELING L 484.00 SqFt
57 WEATHERING L 4355.00 SqFt



Network: GRD **Name:** Greenwood County Airport

Branch: TL 01 **Name:** TAXILANE 01 **Use:** TAXILANE **Area:** 98,994 SqFt

Section: 30 of 4 **From:** - **To:** - **Last Const.:** 6/1/2006

Surface: AAC **Family:** SC III & IV-TW-TL-AC **Zone:** **Category:** **Rank:** T

Area: 10,486 SqFt **Length:** 104 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: 6/1/1999 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

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

Last Insp. Date: 9/20/2021 **Total Samples:** 2 **Surveyed:** 1

Conditions: PCI: 67

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 5268.00 SqFt **PCI:** 67

Sample Comments:

45 DEPRESSION L 36.00 SqFt
48 L & T CR L 348.00 Ft
52 RAVELING L 527.00 SqFt
57 WEATHERING L 4741.00 SqFt



Network: GRD **Name:** Greenwood County Airport

Branch: TL 01 **Name:** TAXILANE 01 **Use:** TAXILANE **Area:** 98,994 SqFt

Section: 40 of 4 **From:** - **To:** - **Last Const.:** 6/1/2006

Surface: AAC **Family:** SC III & IV-TW-TL-AC **Zone:** **Category:** **Rank:** S

Area: 50,695 SqFt **Length:** 750 Ft **Width:** 70 Ft

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

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

Section Comments:

Work Date: 6/1/1978 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 5/1/1990 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

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

Work Date: 1/1/2011 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Last Insp. Date: 9/20/2021 **TotalSamples:** 10 **Surveyed:** 2

Conditions: PCI: 42

Inspection Comments:

Sample Number: 03 **Type:** R **Area:** 5212.00 SqFt **PCI:** 40

Sample Comments:

43 BLOCK CR L 2668.00 SqFt
43 BLOCK CR M 696.00 SqFt
48 L & T CR L 234.00 Ft
48 L & T CR M 41.00 Ft
52 RAVELING L 5208.00 SqFt
52 RAVELING H 4.00 SqFt

Sample Number: 07 **Type:** R **Area:** 5212.00 SqFt **PCI:** 45

Sample Comments:

43 BLOCK CR L 1944.00 SqFt
43 BLOCK CR M 648.00 SqFt
48 L & T CR L 293.00 Ft
48 L & T CR M 18.00 Ft
52 RAVELING L 5212.00 SqFt



Network: GRD **Name:** Greenwood County Airport

Branch: TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 143,981 SqFt

Section: 10 of 1 **From:** - **To:** - **Last Const.:** 1/1/2021

Surface: PCC **Family:** SC III & IV-PCC **Zone:** **Category:** G **Rank:** P

Area: 143,981 SqFt **Length:** 4,055 Ft **Width:** 35 Ft

Slabs: 1,636 **Slab Length:** 10 Ft **Slab Width:** 9 Ft **Joint Length:** 26,230 Ft

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

Section Comments:

Work Date: 6/1/1978 **Work Type:** OVERLAY-AC GLOBAL **Code:** OL-AT **Is Major M&R:** False

Work Date: 6/1/1978 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 5/1/1990 **Work Type:** Joint Resealing - PCC **Code:** JR-PC **Is Major M&R:** False

Work Date: 8/1/2002 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

Work Date: 1/1/2021 **Work Type:** Overlay-PCC **Code:** OL-PCC **Is Major M&R:** True

Last Insp. Date: 4/12/2016 **TotalSamples:** 40 **Surveyed:** 8

Conditions: PCI: 64 **NOTE: *** Pre-Construction PCI *****

Inspection Comments:

Sample Number: 03 **Type:** R **Area:** 3500.00 SqFt **PCI:** 63

Sample Comments:

48 LONGITUDINAL/TRANSVERSE L 561.00 Ft
CRACKING
52 RAVELING L 3500.00 SqFt

Sample Number: 05 **Type:** R **Area:** 3500.00 SqFt **PCI:** 63

Sample Comments:

48 LONGITUDINAL/TRANSVERSE L 534.00 Ft
CRACKING
52 RAVELING L 3500.00 SqFt

Sample Number: 09 **Type:** R **Area:** 3500.00 SqFt **PCI:** 63

Sample Comments:

48 LONGITUDINAL/TRANSVERSE L 548.00 Ft
CRACKING
52 RAVELING L 3500.00 SqFt

Sample Number: 15 **Type:** R **Area:** 3500.00 SqFt **PCI:** 66

Sample Comments:

48 LONGITUDINAL/TRANSVERSE L 405.00 Ft
CRACKING
52 RAVELING L 3500.00 SqFt

Sample Number: 21 **Type:** R **Area:** 3500.00 SqFt **PCI:** 62

Sample Comments:

48 LONGITUDINAL/TRANSVERSE L 606.00 Ft
CRACKING
52 RAVELING L 3500.00 SqFt

Sample Number: 27 **Type:** R **Area:** 3500.00 SqFt **PCI:** 64

Sample Comments:

48 LONGITUDINAL/TRANSVERSE L 473.00 Ft
CRACKING
52 RAVELING L 3500.00 SqFt

Sample Number: 33 **Type:** R **Area:** 3500.00 SqFt **PCI:** 64

Sample Comments:

48 LONGITUDINAL/TRANSVERSE L 483.00 Ft
CRACKING
52 RAVELING L 3500.00 SqFt



Sample Number: 39 Type: A Area: 4787.00 SqFt PCI: 67

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	480.00 Ft
52	RAVELING	L	4787.00 SqFt



Network:	GRD	Name:	Greenwood County Airport						
Branch:	TW B	Name:	TAXIWAY B	Use:	TAXIWAY	Area:	42,242 SqFt		
Section:	10	of	1	From:	-	To:	-	Last Const.:	1/1/2021
Surface:	PCC	Family:	SC III & IV-PCC	Zone:		Category:	G	Rank:	S
Area:	42,242 SqFt	Length:	930 Ft	Width:	35 Ft				
Slabs:	480	Slab Length:	10 Ft	Slab Width:	9 Ft	Joint Length:	5,989 Ft		
Shoulder:		Street Type:		Grade:	0	Lanes:	0		
Section Comments:									
Work Date:	5/1/1988	Work Type:	Crack Sealing - AC	Code:	CS-AC	Is Major M&R:	False		
Work Date:	7/1/1994	Work Type:	OVERLAY-AC GLOBAL	Code:	OL-AT	Is Major M&R:	False		
Work Date:	7/1/1994	Work Type:	OVERLAY-AC GLOBAL	Code:	OL-AT	Is Major M&R:	False		
Work Date:	7/1/1994	Work Type:	New Construction - Initial	Code:	NU-IN	Is Major M&R:	True		
Work Date:	12/14/2001	Work Type:	OVERLAY-AC GLOBAL	Code:	OL-AT	Is Major M&R:	False		
Work Date:	3/1/2016	Work Type:	Overlay - AC Structural	Code:	OL-AS	Is Major M&R:	True		
Work Date:	1/1/2021	Work Type:	Overlay-PCC	Code:	OL-PCC	Is Major M&R:	True		

Last Insp. Date:	4/12/2016	TotalSamples:	8	Surveyed:	3				
Conditions:	PCI: 63	NOTE: *** Pre-Construction PCI ***							
Inspection Comments:									
Sample Number:	02	Type:	R	Area:	3500.00 SqFt	PCI:	56		
Sample Comments:									
43	BLOCK CRACKING	L		875.00	SqFt				
48	LONGITUDINAL/TRANSVERSE CRACKING	L		339.00	Ft				
52	RAVELING	L		3500.00	SqFt				
Sample Number:	04	Type:	R	Area:	3500.00 SqFt	PCI:	68		
Sample Comments:									
48	LONGITUDINAL/TRANSVERSE CRACKING	L		342.00	Ft				
52	RAVELING	L		3500.00	SqFt				
Sample Number:	06	Type:	R	Area:	3500.00 SqFt	PCI:	67		
Sample Comments:									
48	LONGITUDINAL/TRANSVERSE CRACKING	L		357.00	Ft				
52	RAVELING	L		3500.00	SqFt				

Network: GRD **Name:** Greenwood County Airport

Branch: TW C **Name:** TAXIWAY C **Use:** TAXIWAY **Area:** 29,614 SqFt

Section: 10 of 2 **From:** - **To:** - **Last Const.:** 3/1/2016

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

Area: 14,593 SqFt **Length:** 265 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: 5/1/1988 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Work Date: 7/1/1994 **Work Type:** OVERLAY-AC GLOBAL **Code:** OL-AT **Is Major M&R:** False

Work Date: 7/1/1994 **Work Type:** OVERLAY-AC GLOBAL **Code:** OL-AT **Is Major M&R:** False

Work Date: 7/1/1994 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 12/14/2001 **Work Type:** OVERLAY-AC GLOBAL **Code:** OL-AT **Is Major M&R:** False

Work Date: 3/1/2016 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

Last Insp. Date: 9/20/2021 **Total Samples:** 3 **Surveyed:** 2

Conditions: PCI: 87

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 4595.00 SqFt **PCI:** 80

Sample Comments:

42 BLEEDING N 12.00 SqFt

48 L & T CR L 193.00 Ft

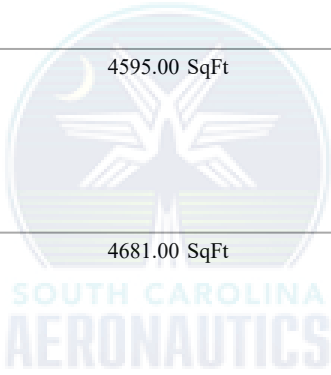
57 WEATHERING L 4595.00 SqFt

Sample Number: 03 **Type:** R **Area:** 4681.00 SqFt **PCI:** 94

Sample Comments:

48 L & T CR L .00 Ft

57 WEATHERING L 4681.00 SqFt



Network: GRD **Name:** Greenwood County Airport

Branch: TW C **Name:** TAXIWAY C **Use:** TAXIWAY **Area:** 29,614 SqFt

Section: 20 of 2 **From:** - **To:** - **Last Const.:** 3/1/2016

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

Area: 15,021 SqFt **Length:** 394 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: 6/1/1978 **Work Type:** OVERLAY-AC GLOBAL **Code:** OL-AT **Is Major M&R:** False

Work Date: 6/1/1978 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 5/1/1990 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Work Date: 8/1/2002 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

Work Date: 3/1/2016 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

Last Insp. Date: 9/20/2021 **TotalSamples:** 4 **Surveyed:** 2

Conditions: PCI: 83

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 3500.00 SqFt **PCI:** 84

Sample Comments:

48 L & T CR L 119.00 Ft
57 WEATHERING L 3500.00 SqFt

Sample Number: 04 **Type:** R **Area:** 4766.00 SqFt **PCI:** 83

Sample Comments:

48 L & T CR L 152.00 Ft
57 WEATHERING L 4741.00 SqFt
57 WEATHERING M 25.00 SqFt



Network: GRD **Name:** Greenwood County Airport

Branch: TW D **Name:** TAXIWAY D **Use:** TAXIWAY **Area:** 252,964 SqFt

Section: 10 of 3 **From:** - **To:** - **Last Const.:** 3/1/2016

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

Area: 7,350 SqFt **Length:** 138 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: 5/1/1988 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Work Date: 7/1/1994 **Work Type:** OVERLAY-AC GLOBAL **Code:** OL-AT **Is Major M&R:** False

Work Date: 7/1/1994 **Work Type:** OVERLAY-AC GLOBAL **Code:** OL-AT **Is Major M&R:** False

Work Date: 7/1/1994 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 3/1/2016 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

Last Insp. Date: 9/20/2021 **TotalSamples:** 2 **Surveyed:** 1

Conditions: PCI: 89

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 3326.00 SqFt **PCI:** 89

Sample Comments:

48 L & T CR L 51.00 Ft
57 WEATHERING L 3326.00 SqFt



Network:	GRD	Name:	Greenwood County Airport				
Branch:	TW D	Name:	TAXIWAY D	Use:	TAXIWAY	Area:	252,964 SqFt
Section:	20	of 3	From:	-	To:	-	Last Const.: 1/1/2006
Surface:	AAC	Family:	SC III & IV-TW-TL-AC	Zone:		Category:	G
Area:	137,593 SqFt	Length:	4,000 Ft	Width:	45 Ft		
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft
Shoulder:		Street Type:		Grade:	0	Lanes:	0
Section Comments:							
Work Date:	6/1/1978	Work Type:	OVERLAY-AC GLOBAL	Code:	OL-AT	Is Major M&R:	False
Work Date:	6/1/1978	Work Type:	New Construction - Initial	Code:	NU-IN	Is Major M&R:	True
Work Date:	5/1/1990	Work Type:	Crack Sealing - AC	Code:	CS-AC	Is Major M&R:	False
Work Date:	1/1/2006	Work Type:	Overlay - AC Structural	Code:	OL-AS	Is Major M&R:	True
Last Insp. Date:	9/20/2021	TotalSamples:	40	Surveyed:	8		
Conditions:	PCI: 63						
Inspection Comments:							
Sample Number:	03	Type:	R	Area:	3500.00 SqFt	PCI:	57
Sample Comments:							
48	L & T CR	L	76.00	Ft			
48	L & T CR	M	94.00	Ft			
52	RAVELING	L	3150.00	SqFt			
52	RAVELING	M	350.00	SqFt			
Sample Number:	06	Type:	R	Area:	3500.00 SqFt	PCI:	57
Sample Comments:							
42	BLEEDING	N	1.00	SqFt			
48	L & T CR	L	193.00	Ft			
48	L & T CR	M	100.00	Ft			
52	RAVELING	L	3150.00	SqFt			
52	RAVELING	M	350.00	SqFt			
Sample Number:	10	Type:	R	Area:	3500.00 SqFt	PCI:	58
Sample Comments:							
48	L & T CR	L	345.00	Ft			
52	RAVELING	L	3150.00	SqFt			
52	RAVELING	M	350.00	SqFt			
Sample Number:	17	Type:	R	Area:	3500.00 SqFt	PCI:	65
Sample Comments:							
48	L & T CR	L	100.00	Ft			
52	RAVELING	L	3150.00	SqFt			
52	RAVELING	M	350.00	SqFt			
Sample Number:	24	Type:	R	Area:	3500.00 SqFt	PCI:	63
Sample Comments:							
48	L & T CR	L	175.00	Ft			
52	RAVELING	L	3150.00	SqFt			
52	RAVELING	M	350.00	SqFt			
Sample Number:	31	Type:	R	Area:	3505.00 SqFt	PCI:	69
Sample Comments:							
48	L & T CR	L	260.00	Ft			
52	RAVELING	L	3505.00	SqFt			
Sample Number:	35	Type:	R	Area:	3500.00 SqFt	PCI:	69
Sample Comments:							
48	L & T CR	L	288.00	Ft			
52	RAVELING	L	3500.00	SqFt			



Sample Number: 38

Type: R

Area: 3500.00 SqFt

PCI: 69

Sample Comments:

48	L & T CR	L	167.00 Ft
52	RAVELING	L	3500.00 SqFt



Network: GRD **Name:** Greenwood County Airport

Branch: TW D **Name:** TAXIWAY D **Use:** TAXIWAY **Area:** 252,964 SqFt

Section: 30 of 3 **From:** - **To:** - **Last Const.:** 6/1/1978

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

Area: 108,021 SqFt **Length:** 2,700 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: 6/1/1978 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 6/1/1978 **Work Type:** OVERLAY-AC GLOBAL **Code:** OL-AT **Is Major M&R:** False

Work Date: 5/1/1990 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Work Date: 6/1/2014 **Work Type:** Surface Seal - Rejuvenating **Code:** SS-RE **Is Major M&R:** False

Last Insp. Date: 9/20/2021 **TotalSamples:** 27 **Surveyed:** 6

Conditions: PCI: 43

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 4000.00 SqFt **PCI:** 46

Sample Comments:

43 BLOCK CR L 1600.00 SqFt
43 BLOCK CR M 2400.00 SqFt
57 WEATHERING L 4000.00 SqFt

Sample Number: 05 **Type:** R **Area:** 4000.00 SqFt **PCI:** 42

Sample Comments:

43 BLOCK CR M 4000.00 SqFt
57 WEATHERING L 4000.00 SqFt

Sample Number: 13 **Type:** R **Area:** 4000.00 SqFt **PCI:** 42

Sample Comments:

43 BLOCK CR M 4000.00 SqFt
57 WEATHERING L 4000.00 SqFt

Sample Number: 19 **Type:** R **Area:** 4000.00 SqFt **PCI:** 42

Sample Comments:

43 BLOCK CR M 4000.00 SqFt
57 WEATHERING L 4000.00 SqFt

Sample Number: 23 **Type:** R **Area:** 4000.00 SqFt **PCI:** 42

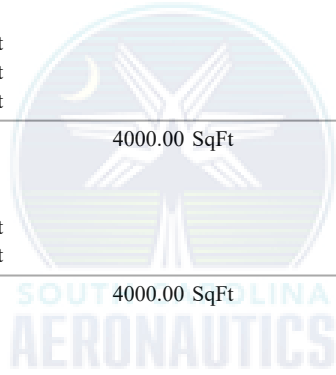
Sample Comments:

43 BLOCK CR M 4000.00 SqFt
57 WEATHERING L 4000.00 SqFt

Sample Number: 25 **Type:** R **Area:** 4000.00 SqFt **PCI:** 42

Sample Comments:

43 BLOCK CR M 4000.00 SqFt
57 WEATHERING L 4000.00 SqFt





Kimley»»Horn