



SOUTH CAROLINA AERONAUTICS COMMISSION

STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

 MKS - Berkeley County Airport



Kimley»Horn

2024



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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 D5340-23 – “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 performed 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 Berkeley County Airport (MKS).

Figure 1 – Airport Layout



System Inventory

The pavements at Berkeley County Airport (MKS) include approximately 0.9 million square feet of airfield pavements consisting of runways, taxiways, taxilane, and aprons. Per the guidance in the ASTM D5340-23, all pavements were divided and subdivided into pavement management units (Network, Branch, Section, Sample). The divisions are documented in the **Network Definition Exhibit** providing the name and location of each branch, section, and sample.

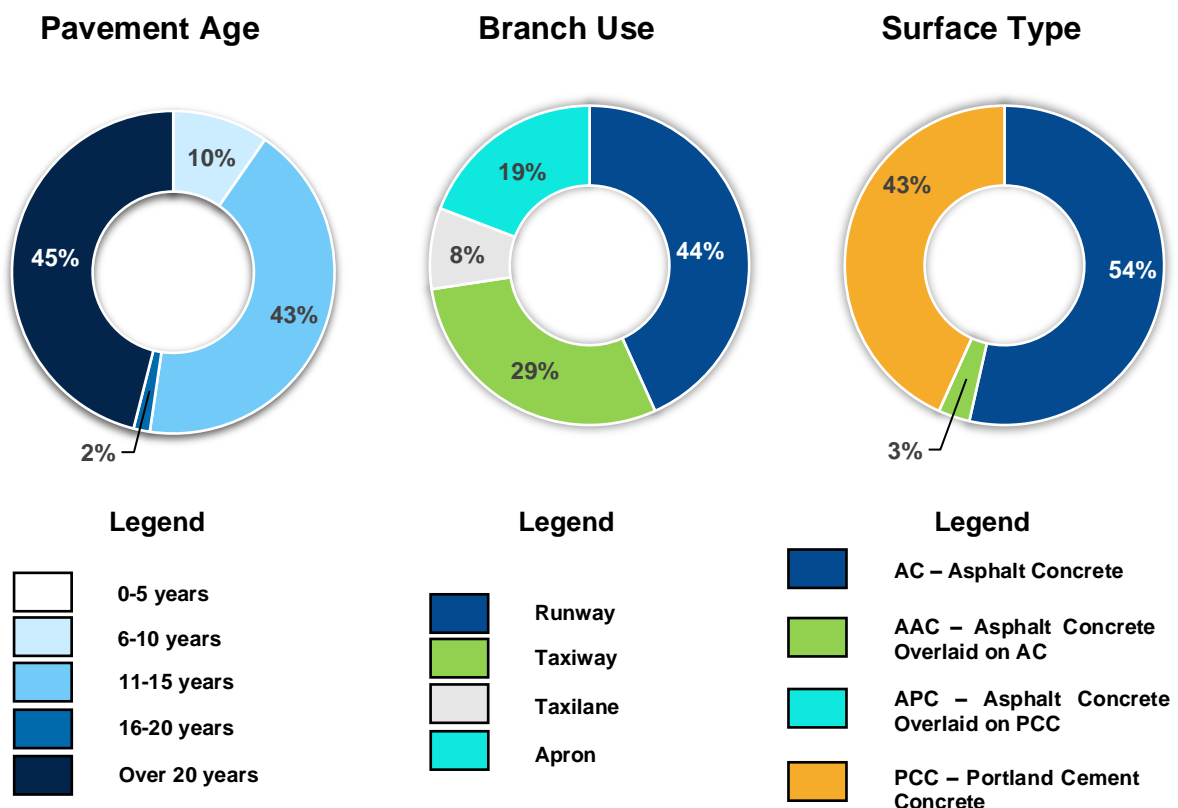
Each pavement update included a review of documentation of any maintenance and major rehabilitation related activities performed on the airfield pavements. The following table summarizes the projects that have occurred since the previous inspection.

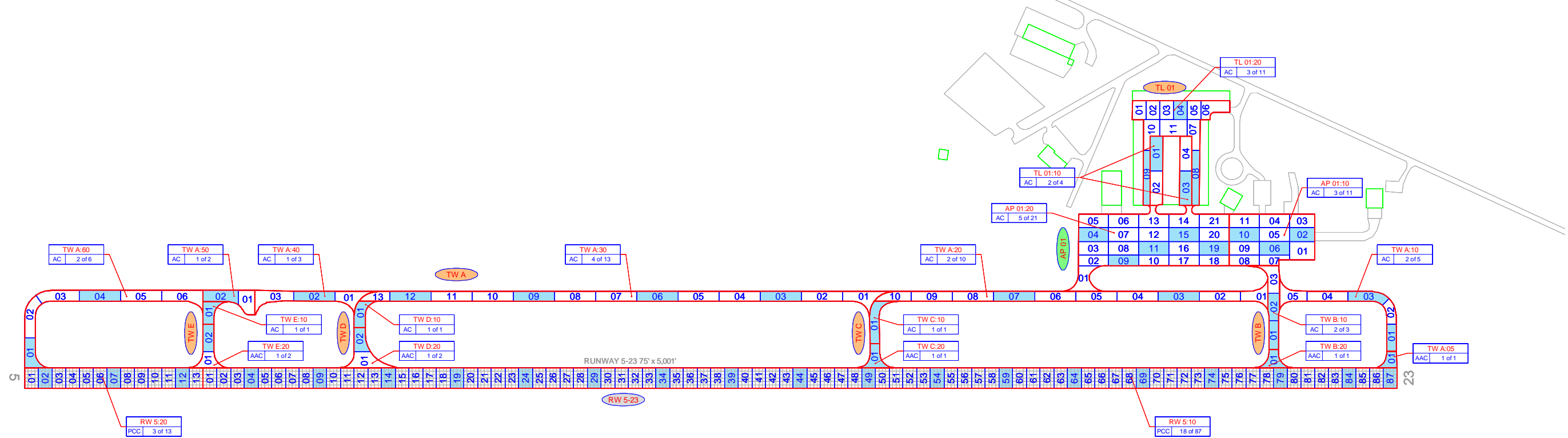
Table 1 - Recent Airfield Pavement Construction

Construction Year	Location	Work Type / Pavement Section
2023	AP 01, TL 01, TW A	Crack Sealing - AC
2023	AP 01, TL 01	Surface Seal – Rejuvenating

The following figure summarizes the inventory items at Berkeley County Airport (MKS). 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

- TYPICAL RUNWAY BRANCH ID
- TYPICAL TAXIWAY BRANCH ID
- TYPICAL APRON BRANCH ID
- PAVEMENT BRANCH ID: SECTION ID
NUMBER OF SAMPLE UNITS IN SECTION
NUMBER OF SAMPLE UNITS TO BE INSPECTED
PAVEMENT SURFACE TYPE
- SECTION NOT INSPECTED DUE TO RECENT CONSTRUCTION. SEE ESTIMATED AGE EXHIBIT FOR CONSTRUCTION DATES.
- INSPECTED SAMPLE UNITS.

TOTAL SAMPLES INSPECTED = 56
AC: 35 PCC: 21

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



Functional Evaluation

Pavement Condition Index

A Pavement Condition Index (PCI) survey is the primary means of obtaining and recording pavement distress data. In adherence to FAA Advisory Circular 150/5380-7B, the SCAC Airfield Pavement Management System (APMS) Update utilizes the PCI survey methodology to collect pavement distress data and analyze the condition. This method uses a visual statistical sampling of pavements for recording primary distress types, associated severities, and quantities as defined by the ASTM D5340-23.

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

Figure 3 – Representation of Pavement Condition Index Values



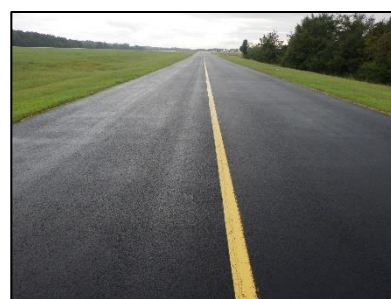
Poor/Failed Pavement

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



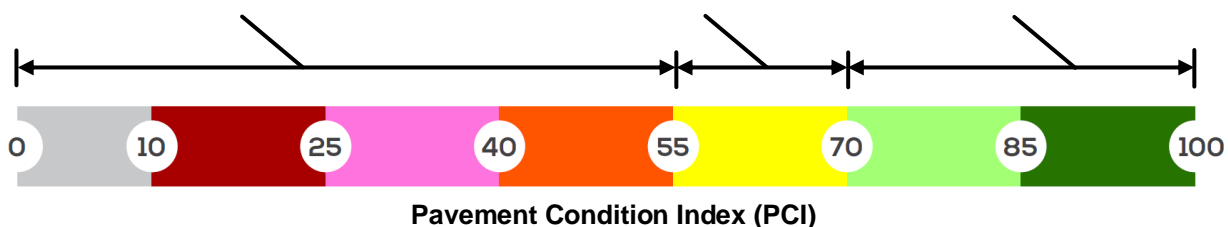
Fair Pavement

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



Good/New Pavement

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



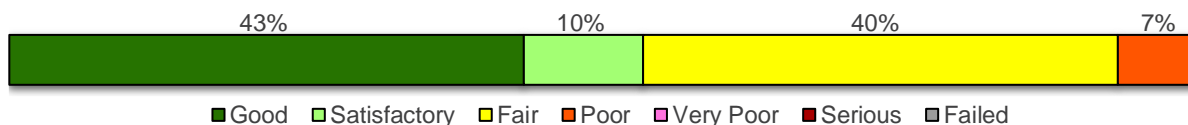
Critical PCI

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

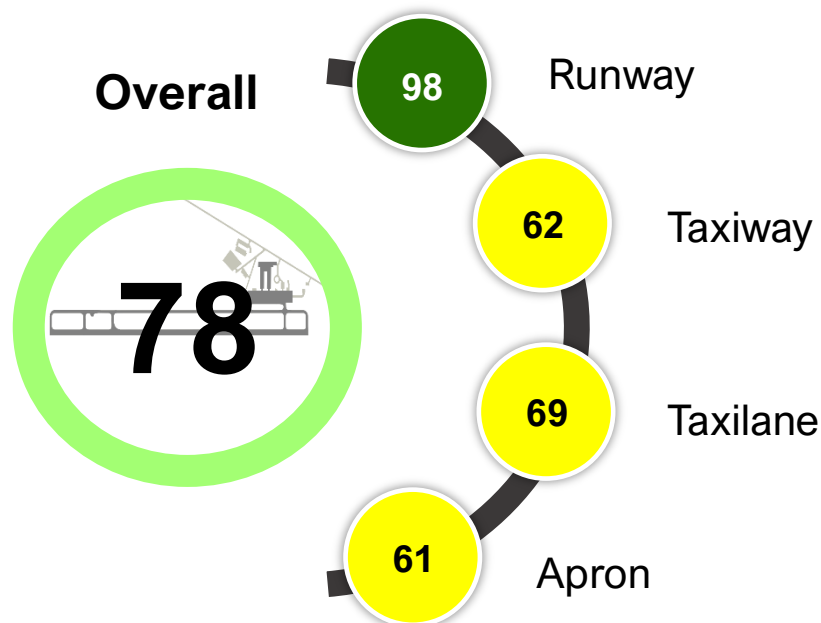
The PCI survey for Berkeley County Airport (MKS) was performed in October 2023. **The overall area-weighted average PCI value of the network was 78**, representing a condition rating of **Satisfactory**. Approximately 53% of inspected pavements are in Good or Satisfactory condition, 40% of inspected pavements are in Fair condition, and the remaining 7% 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





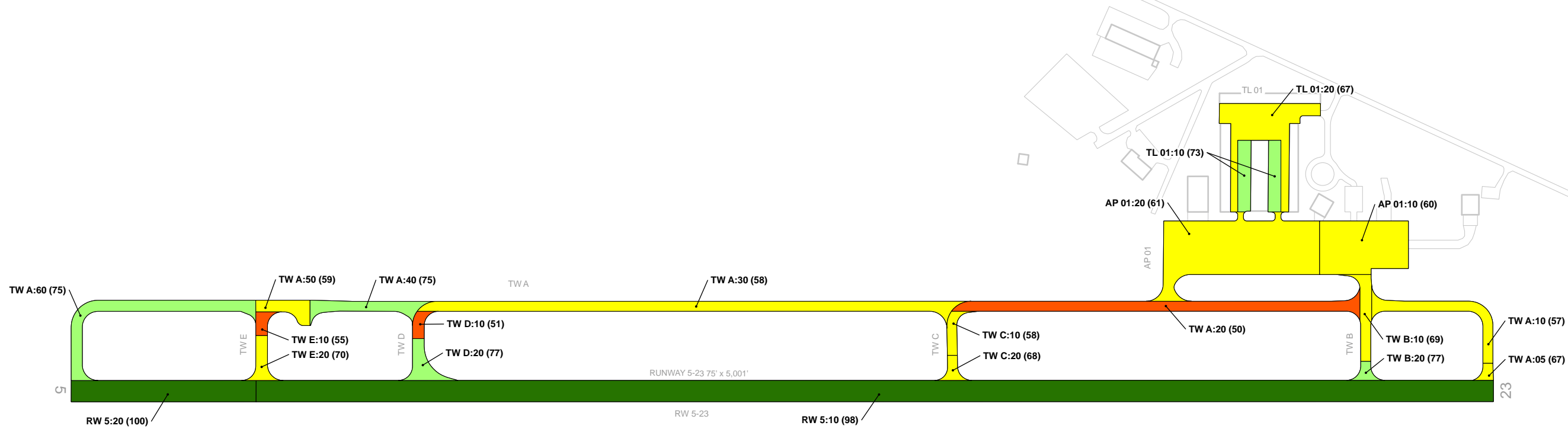
STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

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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
MKS	AP 01	Apron	10	55,906	AC	60	Fair	100	0	0
MKS	AP 01	Apron	20	110,417	AC	61	Fair	96	0	4
MKS	RW 5	Runway	10	326,250	PCC	98	Good	49	0	51
MKS	RW 5	Runway	20	48,750	PCC	100	Good	0	0	0
MKS	TL 01	Taxilane	10	22,629	AC	73	Satisfactory	100	0	0
MKS	TL 01	Taxilane	20	48,413	AC	67	Fair	85	0	15
MKS	TW A	Taxiway	05	2,611	AAC	67	Fair	100	0	0
MKS	TW A	Taxiway	10	21,656	AC	57	Fair	97	0	3
MKS	TW A	Taxiway	20	50,738	AC	50	Poor	100	0	0
MKS	TW A	Taxiway	30	66,780	AC	58	Fair	100	0	0
MKS	TW A	Taxiway	40	16,031	AC	75	Satisfactory	100	0	0
MKS	TW A	Taxiway	50	10,237	AC	59	Fair	100	0	0
MKS	TW A	Taxiway	60	34,834	AC	75	Satisfactory	100	0	0
MKS	TW B	Taxiway	10	12,444	AC	69	Fair	100	0	0
MKS	TW B	Taxiway	20	3,418	AAC	77	Satisfactory	100	0	0
MKS	TW C	Taxiway	10	5,845	AC	58	Fair	100	0	0
MKS	TW C	Taxiway	20	4,051	AAC	68	Fair	100	0	0
MKS	TW D	Taxiway	10	4,213	AC	51	Poor	100	0	0
MKS	TW D	Taxiway	20	10,004	AAC	77	Satisfactory	100	0	0
MKS	TW E	Taxiway	10	3,940	AC	55	Poor	100	0	0
MKS	TW E	Taxiway	20	7,664	AAC	70	Fair	100	0	0

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



Legend

2023 Pavement Condition Index

Dark Green	PCI 86-100 Good
Light Green	PCI 71-85 Satisfactory
Yellow	PCI 56-70 Fair
Orange	PCI 41-55 Poor
Pink	PCI 26-40 Very Poor
Red	PCI 11-25 Serious
Grey	PCI 0-10 Failed

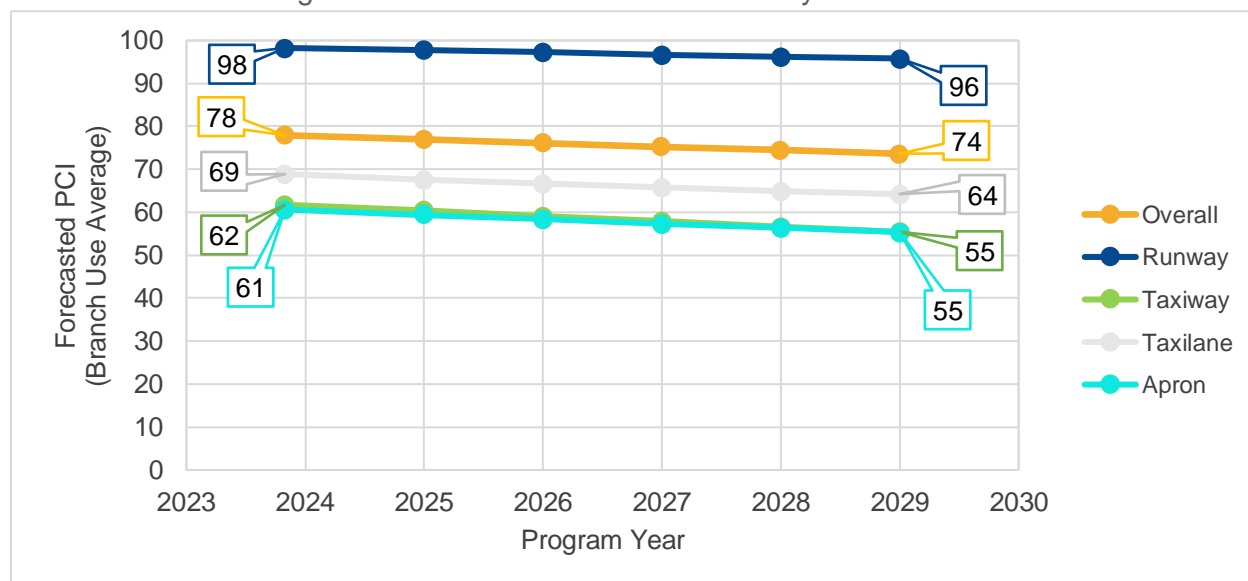
BRANCH IDENTIFIER
SECTION IDENTIFIER
TWA:20 (84)
PCI



Pavement Condition Forecast

A primary objective of this APMS is to estimate the future condition of each individual pavement section. PAVER™ was utilized to develop prediction curves and determine typical deterioration rates that are then used to forecast a future PCI value. This value will assist decision makers in determining at what point in time certain pavement sections will require rehabilitation. The figure below shows the current and 5-year area-weighted forecasted pavement condition distribution of each functional use (Runway, Taxiway, Taxilane, Apron) found at the Airport. The forecasted 5-year PCIs at a section-level are displayed graphically on the **2029 Forecasted Airfield Pavement Condition Index Exhibit** and are summarized in **Table 3**. All forecasts presented assume that no maintenance or rehabilitation is performed within the 5-year analysis period. **Figure 6** displays the forecasted pavement conditions at the branch-level for MKS.

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.

MKS - Berkeley County 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
MKS	AP 01	10	60	59	58	57	56	55
MKS	AP 01	20	61	60	59	58	57	56
MKS	RW 5	10	98	97	97	97	96	96
MKS	RW 5	20	100	99	99	99	98	98
MKS	TL 01	10	73	72	70	69	68	67
MKS	TL 01	20	67	66	65	64	64	63
MKS	TW A	05	67	66	65	64	64	63
MKS	TW A	10	57	56	55	53	52	50
MKS	TW A	20	50	48	46	45	44	43
MKS	TW A	30	58	57	56	55	53	52
MKS	TW A	40	75	74	72	71	70	69
MKS	TW A	50	59	58	57	56	55	54
MKS	TW A	60	75	74	72	71	70	69
MKS	TW B	10	69	68	67	66	65	64
MKS	TW B	20	77	76	74	73	72	71
MKS	TW C	10	58	57	56	55	53	52
MKS	TW C	20	68	67	66	65	64	64
MKS	TW D	10	51	49	47	46	44	43
MKS	TW D	20	77	76	74	73	72	71
MKS	TW E	10	55	53	52	50	49	47
MKS	TW E	20	70	69	68	67	66	65

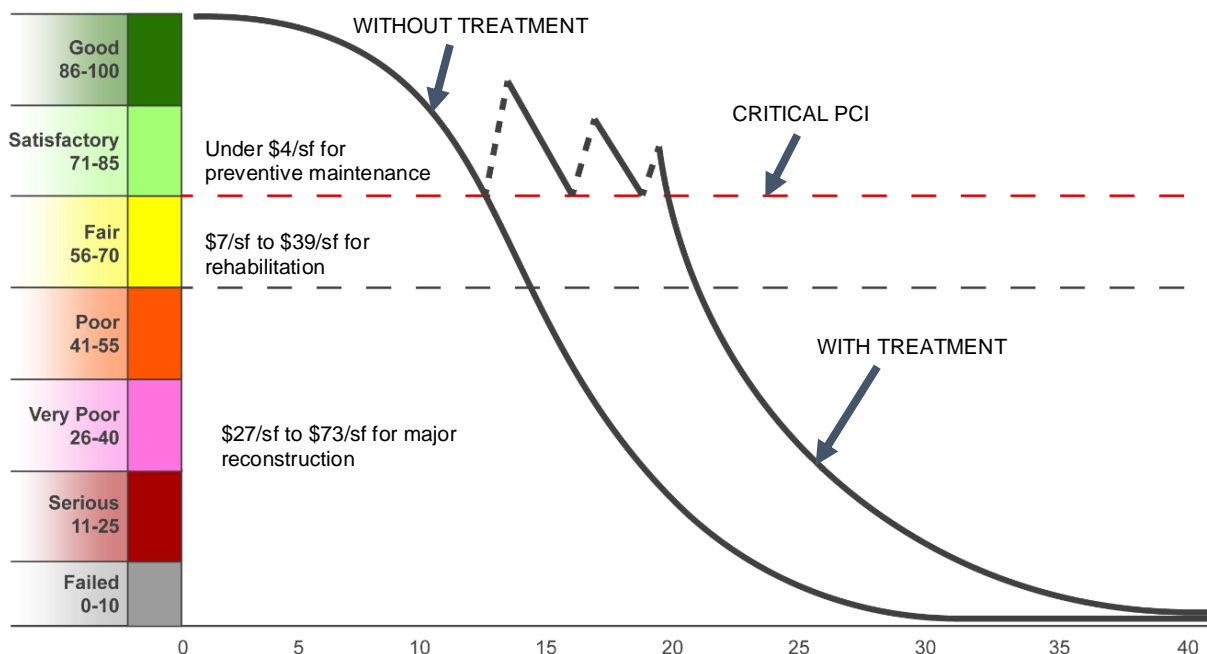
M&R Overview

An analysis was performed to assess the pavement maintenance and rehabilitation (M&R) needs at MKS 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	3,270	LF	\$ 13,930
	Surface Seal	74,620	SF	\$ 123,140
	PCC Partial-Depth Patching	13	SF	\$ 2,280
Localized Preventive Maintenance Total =				\$ 139,350
Localized Stopgap Maintenance	AC Crack Sealing Narrow	2,403	LF	\$ 10,250
	Surface Seal	178,573	SF	\$ 294,720
Localized Stopgap Maintenance Total =				\$ 304,970
Planning-Level Localized M&R Needs =				\$ 444,320

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:

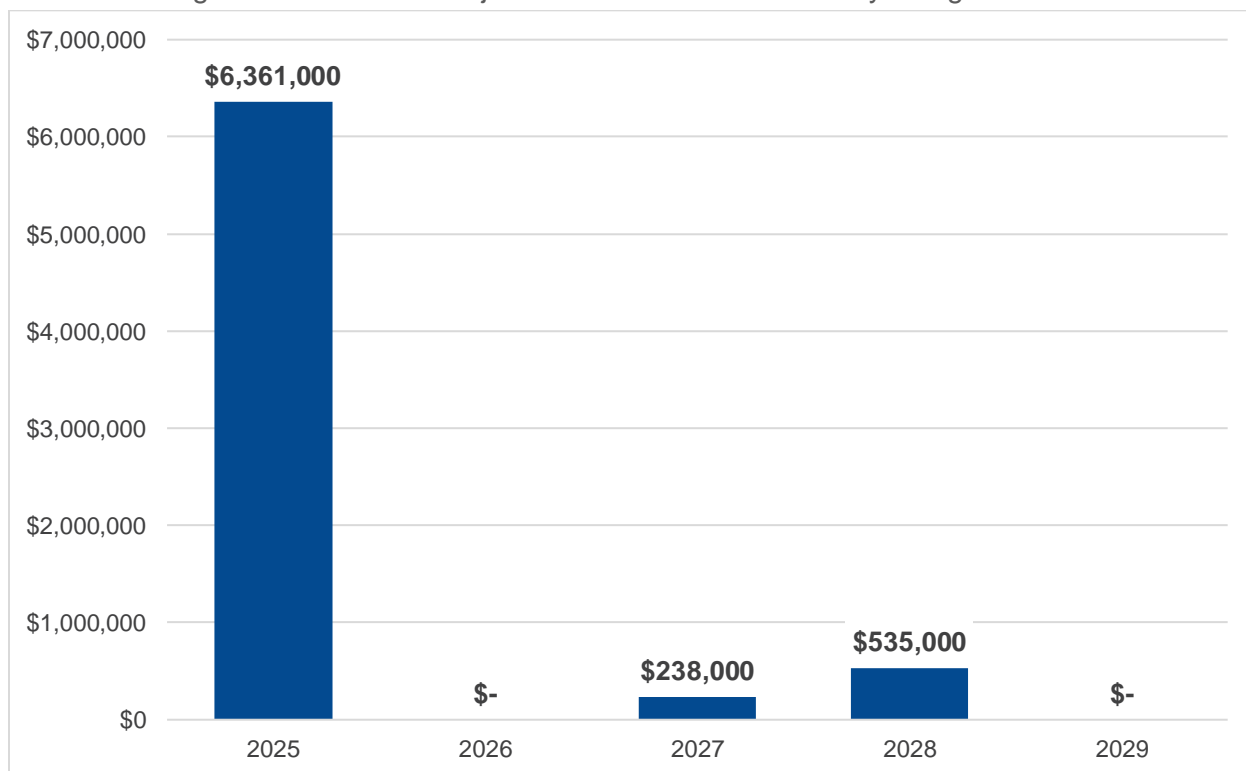
- ➔ **Intermediate Major Rehabilitation (PCI 56 to 70)** –
 - **AC:** Milling of the upper surface course and replacing with new AC with isolated areas of full-depth reconstruction
 - **PCC:** Combination of crack sealing, joint seal replacement, limited patching, and slab replacement
- ➔ **Full-Depth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

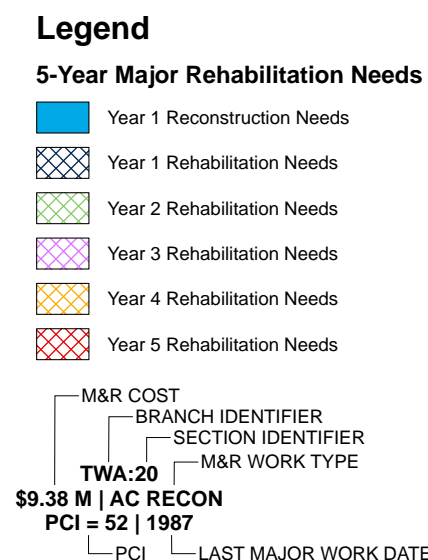
The 5-year major rehabilitation needs analysis at MKS results in a total 5-year cost of \$7.13M. The **5-Year Major Rehabilitation Needs Exhibit** graphically depicts the major rehabilitation needs at a section-level which are also summarized in **Table 5** with rounded costs. Annual needs are displayed 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	MKS	AP 01	10	AC	55,906	59	AC Rehabilitation	\$ 588,000
2025	MKS	AP 01	20	AC	110,417	60	AC Rehabilitation	\$ 1,160,000
2025	MKS	TL 01	20	AC	48,413	66	AC Rehabilitation	\$ 509,000
2025	MKS	TW A	05	AAC	2,611	66	AC Rehabilitation	\$ 28,000
2025	MKS	TW A	10	AC	21,656	56	AC Rehabilitation	\$ 764,000
2025	MKS	TW A	20	AC	50,738	48	AC Reconstruction	\$ 1,789,000
2025	MKS	TW A	30	AC	66,780	57	AC Rehabilitation	\$ 801,000
2025	MKS	TW A	50	AC	10,237	58	AC Rehabilitation	\$ 108,000
2025	MKS	TW B	10	AC	12,444	68	AC Rehabilitation	\$ 131,000
2025	MKS	TW C	10	AC	5,845	57	AC Rehabilitation	\$ 71,000
2025	MKS	TW C	20	AAC	4,051	67	AC Rehabilitation	\$ 43,000
2025	MKS	TW D	10	AC	4,213	49	AC Reconstruction	\$ 149,000
2025	MKS	TW E	10	AC	3,940	53	AC Reconstruction	\$ 139,000
2025	MKS	TW E	20	AAC	7,664	69	AC Rehabilitation	\$ 81,000
2027	MKS	TL 01	10	AC	22,629	69	AC Rehabilitation	\$ 238,000
2028	MKS	TW A	40	AC	16,031	70	AC Rehabilitation	\$ 169,000
2028	MKS	TW A	60	AC	34,834	70	AC Rehabilitation	\$ 366,000
Total 5-Year Major Rehabilitation Needs =								\$ 7,134,000

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





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



STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

BERKELEY COUNTY AIRPORT (MKS)

AIRFIELD PAVEMENT NETWORK DEFEINITION EXHIBIT

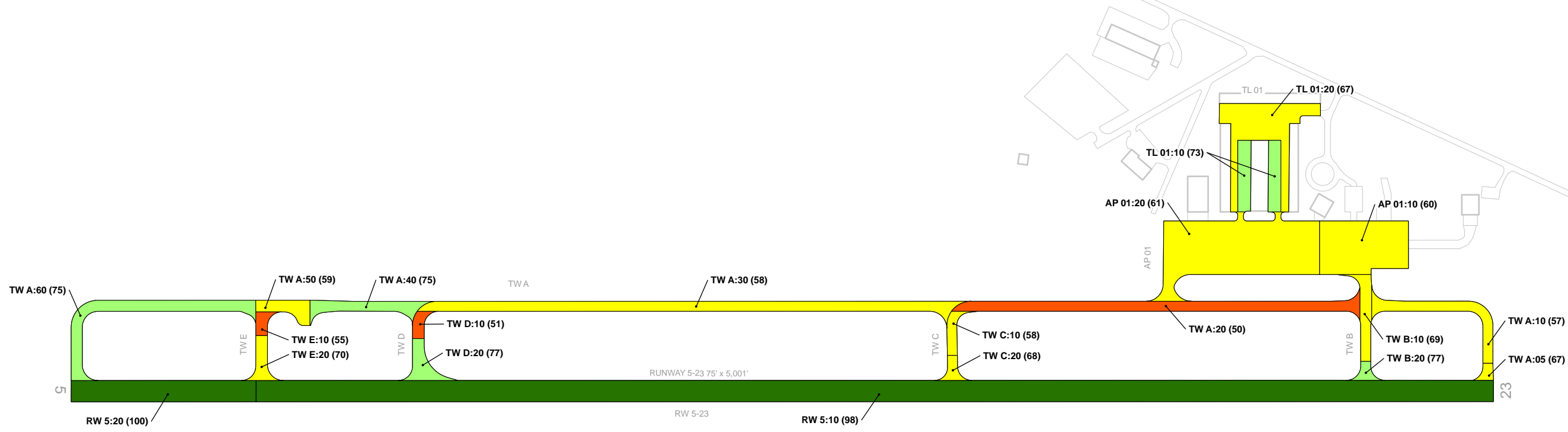


-
- Diagram illustrating the components of a Pavement Branch ID (PBID) and how they relate to inspection procedures.
- The diagram shows three types of branch IDs:
- RW 13-31**: TYPICAL RUNWAY BRANCH ID
 - TW A**: TYPICAL TAXIWAY BRANCH ID
 - AP S**: TYPICAL APRON BRANCH ID
- The diagram then shows a detailed breakdown of the **RW 13-31** PBID into its components:
- RW 13-31**: PAVEMENT BRANCH ID: SECTION ID
 - AAC**: NUMBER OF SAMPLE UNITS IN SECTION
 - 5 of 15**: NUMBER OF SAMPLE UNITS TO BE INSPECTED
 - 100**: PAVEMENT SURFACE TYPE
- A note explains that the section was not inspected due to recent construction, and the estimated age is 100 years:
- SECTION NOT INSPECTED DUE TO RECENT CONSTRUCTION. SEE ESTIMATED AGE EXHIBIT FOR CONSTRUCTION DATES.
- INSPECTED SAMPLE UNITS.

TOTAL SAMPLES INSPECTED = 56
AC: 35 PCC: 21

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





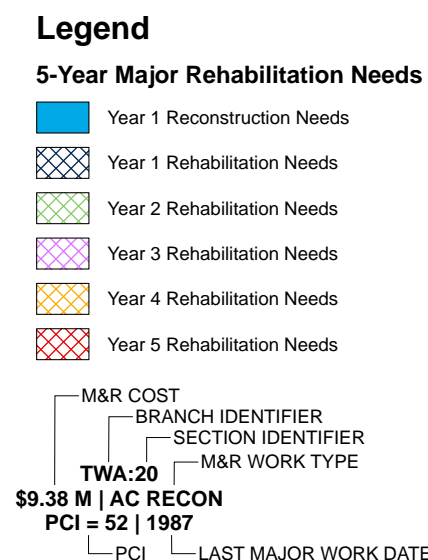
Legend

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





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

Table B1 – System Inventory Data - Section

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface Type	Estimate of Last Construction Date
MKS	AP 01	Apron	10	55,906	AC	7/1/2002
MKS	AP 01	Apron	20	110,417	AC	7/1/2002
MKS	RW 5	Runway	10	326,250	PCC	1/1/2011
MKS	RW 5	Runway	20	48,750	PCC	5/1/2015
MKS	TL 01	Taxilane	10	22,629	AC	7/1/1992
MKS	TL 01	Taxilane	20	48,413	AC	6/1/2000
MKS	TW A	Taxiway	05	2,611	AAC	1/1/2012
MKS	TW A	Taxiway	10	21,656	AC	10/1/2001
MKS	TW A	Taxiway	20	50,738	AC	10/1/2001
MKS	TW A	Taxiway	30	66,780	AC	10/1/2001
MKS	TW A	Taxiway	40	16,031	AC	1/1/2009
MKS	TW A	Taxiway	50	10,237	AC	1/1/2004
MKS	TW A	Taxiway	60	34,834	AC	5/1/2015
MKS	TW B	Taxiway	10	12,444	AC	10/1/2001
MKS	TW B	Taxiway	20	3,418	AAC	1/1/2012
MKS	TW C	Taxiway	10	5,845	AC	10/1/2001
MKS	TW C	Taxiway	20	4,051	AAC	1/1/2012
MKS	TW D	Taxiway	10	4,213	AC	10/1/2001
MKS	TW D	Taxiway	20	10,004	AAC	1/1/2012
MKS	TW E	Taxiway	10	3,940	AC	1/1/2005
MKS	TW E	Taxiway	20	7,664	AAC	6/1/2011

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	166,323	61	Fair
RW 5	Runway	2	375,000	98	Good
TL 01	Taxilane	2	71,042	69	Fair
TW A	Taxiway	7	202,887	60	Fair
TW B	Taxiway	2	15,862	71	Satisfactory
TW C	Taxiway	2	9,896	62	Fair
TW D	Taxiway	2	14,217	69	Fair
TW E	Taxiway	2	11,604	65	Fair

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
MKS	AP 01	Apron	10	55,906	AC	60	Fair	100	0	0	3	11
MKS	AP 01	Apron	20	110,417	AC	61	Fair	96	0	4	5	21
MKS	RW 5	Runway	10	326,250	PCC	98	Good	49	0	51	18	87
MKS	RW 5	Runway	20	48,750	PCC	100	Good	0	0	0	3	13
MKS	TL 01	Taxilane	10	22,629	AC	73	Satisfactory	100	0	0	2	4
MKS	TL 01	Taxilane	20	48,413	AC	67	Fair	85	0	15	3	11
MKS	TW A	Taxiway	05	2,611	AAC	67	Fair	100	0	0	1	1
MKS	TW A	Taxiway	10	21,656	AC	57	Fair	97	0	3	2	5
MKS	TW A	Taxiway	20	50,738	AC	50	Poor	100	0	0	2	10
MKS	TW A	Taxiway	30	66,780	AC	58	Fair	100	0	0	4	13
MKS	TW A	Taxiway	40	16,031	AC	75	Satisfactory	100	0	0	1	3
MKS	TW A	Taxiway	50	10,237	AC	59	Fair	100	0	0	1	2
MKS	TW A	Taxiway	60	34,834	AC	75	Satisfactory	100	0	0	2	6
MKS	TW B	Taxiway	10	12,444	AC	69	Fair	100	0	0	2	3
MKS	TW B	Taxiway	20	3,418	AAC	77	Satisfactory	100	0	0	1	1
MKS	TW C	Taxiway	10	5,845	AC	58	Fair	100	0	0	1	1
MKS	TW C	Taxiway	20	4,051	AAC	68	Fair	100	0	0	1	1
MKS	TW D	Taxiway	10	4,213	AC	51	Poor	100	0	0	1	1
MKS	TW D	Taxiway	20	10,004	AAC	77	Satisfactory	100	0	0	1	2
MKS	TW E	Taxiway	10	3,940	AC	55	Poor	100	0	0	1	1
MKS	TW E	Taxiway	20	7,664	AAC	70	Fair	100	0	0	1	2



STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

MKS - Berkeley County 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
MKS	AP 01	10	60	59	58	57	56	55
MKS	AP 01	20	61	60	59	58	57	56
MKS	RW 5	10	98	97	97	97	96	96
MKS	RW 5	20	100	99	99	99	98	98
MKS	TL 01	10	73	72	70	69	68	67
MKS	TL 01	20	67	66	65	64	64	63
MKS	TW A	05	67	66	65	64	64	63
MKS	TW A	10	57	56	55	53	52	50
MKS	TW A	20	50	48	46	45	44	43
MKS	TW A	30	58	57	56	55	53	52
MKS	TW A	40	75	74	72	71	70	69
MKS	TW A	50	59	58	57	56	55	54
MKS	TW A	60	75	74	72	71	70	69
MKS	TW B	10	69	68	67	66	65	64
MKS	TW B	20	77	76	74	73	72	71
MKS	TW C	10	58	57	56	55	53	52
MKS	TW C	20	68	67	66	65	64	64
MKS	TW D	10	51	49	47	46	44	43
MKS	TW D	20	77	76	74	73	72	71
MKS	TW E	10	55	53	52	50	49	47
MKS	TW E	20	70	69	68	67	66	65



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	3,270	LF	\$ 13,930
	Surface Seal	74,620	SF	\$ 123,140
	PCC Partial-Depth Patching	13	SF	\$ 2,280
Localized Preventive Maintenance Total =				\$ 139,350
Localized Stopgap Maintenance	AC Crack Sealing Narrow	2,403	LF	\$ 10,250
	Surface Seal	178,573	SF	\$ 294,720
Localized Stopgap Maintenance Total =				\$ 304,970
Planning-Level Localized M&R Needs =				\$ 444,320

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

Network ID	Branch ID	Section ID	Area (SF)	Start PCI	End PCI	Cost
MKS	AP 01	10	55,906	60	62	\$ 520
MKS	AP 01	20	110,417	61	62	\$ 8,170
MKS	RW 5	10	326,250	98	98	\$ 2,280
MKS	RW 5	20	48,750	100	100	\$ -
MKS	TL 01	10	22,629	73	82	\$ 43,650
MKS	TL 01	20	48,413	67	74	\$ 39,940
MKS	TW A	05	2,611	67	72	\$ 910
MKS	TW A	10	21,656	57	65	\$ 17,830
MKS	TW A	20	50,738	50	60	\$ 84,670
MKS	TW A	30	66,780	58	67	\$ 101,830
MKS	TW A	40	16,031	75	87	\$ 29,460
MKS	TW A	50	10,237	59	69	\$ 11,770
MKS	TW A	60	34,834	75	93	\$ 59,040
MKS	TW B	10	12,444	69	84	\$ 19,470
MKS	TW B	20	3,418	77	82	\$ 2,050
MKS	TW C	10	5,845	58	63	\$ 7,010
MKS	TW C	20	4,051	68	78	\$ 1,710
MKS	TW D	10	4,213	51	64	\$ 5,120
MKS	TW D	20	10,004	77	86	\$ 2,840
MKS	TW E	10	3,940	55	65	\$ 3,120
MKS	TW E	20	7,664	70	75	\$ 2,850

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
MKS	RW 5	10	SMALL PATCH	Medium	5	Slabs	0.2%	Preventive	PCC Partial-Depth Patching	13	SF	\$ 175.00	\$ 2,280
MKS	TL 01	10	L & T CR	Low	1,470	LF	6.5%	Preventive	AC Crack Sealing Narrow	1,470	LF	\$ 4.25	\$ 6,250
MKS	TL 01	10	L & T CR	Medium	14	LF	0.1%	Preventive	AC Crack Sealing Narrow	14	LF	\$ 4.25	\$ 60
MKS	TL 01	10	WEATHERING	Medium	22,629	SF	100.0%	Preventive	Surface Seal	22,629	SF	\$ 1.65	\$ 37,340
MKS	TW A	40	L & T CR	Low	707	LF	4.4%	Preventive	AC Crack Sealing Narrow	707	LF	\$ 4.25	\$ 3,010
MKS	TW A	40	WEATHERING	Medium	16,031	SF	100.0%	Preventive	Surface Seal	16,031	SF	\$ 1.65	\$ 26,460
MKS	TW A	60	L & T CR	Low	650	LF	1.9%	Preventive	AC Crack Sealing Narrow	650	LF	\$ 4.25	\$ 2,770
MKS	TW A	60	WEATHERING	Medium	34,106	SF	97.9%	Preventive	Surface Seal	34,107	SF	\$ 1.65	\$ 56,280
MKS	TW B	20	L & T CR	Low	150	LF	4.4%	Preventive	AC Crack Sealing Narrow	150	LF	\$ 4.25	\$ 640
MKS	TW B	20	WEATHERING	Medium	854	SF	25.0%	Preventive	Surface Seal	854	SF	\$ 1.65	\$ 1,410
MKS	TW D	20	L & T CR	Low	229	LF	2.3%	Preventive	AC Crack Sealing Narrow	229	LF	\$ 4.25	\$ 980
MKS	TW D	20	L & T CR	Medium	50	LF	0.5%	Preventive	AC Crack Sealing Narrow	50	LF	\$ 4.25	\$ 220
MKS	TW D	20	WEATHERING	Medium	1,000	SF	10.0%	Preventive	Surface Seal	1,000	SF	\$ 1.65	\$ 1,650
MKS	AP 01	10	L & T CR	Medium	122	LF	0.2%	Stopgap	AC Crack Sealing Narrow	122	LF	\$ 4.25	\$ 520
MKS	AP 01	20	WEATHERING	Medium	4,947	SF	4.5%	Stopgap	Surface Seal	4,947	SF	\$ 1.65	\$ 8,170
MKS	TL 01	20	WEATHERING	Medium	24,205	SF	50.0%	Stopgap	Surface Seal	24,205	SF	\$ 1.65	\$ 39,940
MKS	TW A	05	WEATHERING	Medium	549	SF	21.0%	Stopgap	Surface Seal	549	SF	\$ 1.65	\$ 910
MKS	TW A	10	L & T CR	Medium	58	LF	0.3%	Stopgap	AC Crack Sealing Narrow	58	LF	\$ 4.25	\$ 250
MKS	TW A	10	WEATHERING	Medium	10,651	SF	49.2%	Stopgap	Surface Seal	10,651	SF	\$ 1.65	\$ 17,580
MKS	TW A	20	BLOCK CR	Medium	908	SF	1.8%	Stopgap	AC Crack Sealing Narrow	277	LF	\$ 4.25	\$ 1,180
MKS	TW A	20	L & T CR	Medium	933	LF	1.8%	Stopgap	AC Crack Sealing Narrow	933	LF	\$ 4.25	\$ 3,970
MKS	TW A	20	WEATHERING	Medium	48,196	SF	95.0%	Stopgap	Surface Seal	48,197	SF	\$ 1.65	\$ 79,530
MKS	TW A	30	L & T CR	Medium	496	LF	0.7%	Stopgap	AC Crack Sealing Narrow	496	LF	\$ 4.25	\$ 2,110
MKS	TW A	30	WEATHERING	Medium	60,436	SF	90.5%	Stopgap	Surface Seal	60,436	SF	\$ 1.65	\$ 99,720
MKS	TW A	50	L & T CR	Medium	201	LF	2.0%	Stopgap	AC Crack Sealing Narrow	201	LF	\$ 4.25	\$ 860
MKS	TW A	50	WEATHERING	Medium	6,613	SF	64.6%	Stopgap	Surface Seal	6,613	SF	\$ 1.65	\$ 10,920
MKS	TW B	10	WEATHERING	Medium	11,796	SF	94.8%	Stopgap	Surface Seal	11,796	SF	\$ 1.65	\$ 19,470
MKS	TW C	10	L & T CR	Medium	86	LF	1.5%	Stopgap	AC Crack Sealing Narrow	86	LF	\$ 4.25	\$ 370
MKS	TW C	10	WEATHERING	Medium	4,025	SF	68.9%	Stopgap	Surface Seal	4,025	SF	\$ 1.65	\$ 6,650
MKS	TW C	20	L & T CR	Medium	9	LF	0.2%	Stopgap	AC Crack Sealing Narrow	9	LF	\$ 4.25	\$ 40
MKS	TW C	20	WEATHERING	Medium	1,013	SF	25.0%	Stopgap	Surface Seal	1,013	SF	\$ 1.65	\$ 1,680
MKS	TW D	10	L & T CR	Medium	201	LF	4.8%	Stopgap	AC Crack Sealing Narrow	201	LF	\$ 4.25	\$ 860
MKS	TW D	10	WEATHERING	Medium	2,582	SF	61.3%	Stopgap	Surface Seal	2,582	SF	\$ 1.65	\$ 4,270



STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE



MKS - Berkeley County 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	
MKS	TW E	10	L & T CR	Medium	20	LF	0.5%	Stopgap	AC Crack Sealing Narrow	20	LF	\$	4.25	\$	90
MKS	TW E	10	WEATHERING	Medium	1,836	SF	46.6%	Stopgap	Surface Seal	1,836	SF	\$	1.65	\$	3,030
MKS	TW E	20	WEATHERING	Medium	1,724	SF	22.5%	Stopgap	Surface Seal	1,723	SF	\$	1.65	\$	2,850

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	MKS	AP 01	10	AC	55,906	59	AC Rehabilitation	\$ 588,000
2025	MKS	AP 01	20	AC	110,417	60	AC Rehabilitation	\$ 1,160,000
2025	MKS	TL 01	20	AC	48,413	66	AC Rehabilitation	\$ 509,000
2025	MKS	TW A	05	AAC	2,611	66	AC Rehabilitation	\$ 28,000
2025	MKS	TW A	10	AC	21,656	56	AC Rehabilitation	\$ 764,000
2025	MKS	TW A	20	AC	50,738	48	AC Reconstruction	\$ 1,789,000
2025	MKS	TW A	30	AC	66,780	57	AC Rehabilitation	\$ 801,000
2025	MKS	TW A	50	AC	10,237	58	AC Rehabilitation	\$ 108,000
2025	MKS	TW B	10	AC	12,444	68	AC Rehabilitation	\$ 131,000
2025	MKS	TW C	10	AC	5,845	57	AC Rehabilitation	\$ 71,000
2025	MKS	TW C	20	AAC	4,051	67	AC Rehabilitation	\$ 43,000
2025	MKS	TW D	10	AC	4,213	49	AC Reconstruction	\$ 149,000
2025	MKS	TW E	10	AC	3,940	53	AC Reconstruction	\$ 139,000
2025	MKS	TW E	20	AAC	7,664	69	AC Rehabilitation	\$ 81,000
2027	MKS	TL 01	10	AC	22,629	69	AC Rehabilitation	\$ 238,000
2028	MKS	TW A	40	AC	16,031	70	AC Rehabilitation	\$ 169,000
2028	MKS	TW A	60	AC	34,834	70	AC Rehabilitation	\$ 366,000
Total 5-Year Major Rehabilitation Needs =								\$ 7,134,000



Appendix D – PCI Results Summary

RW 5

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
RW 5	RUNWAY	2	375,000	98	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	326,250	PCC	2011	-	98	Good	49	0	51
20	48,750	PCC	2015	-	100	Good	0	0	0



RW 5-10

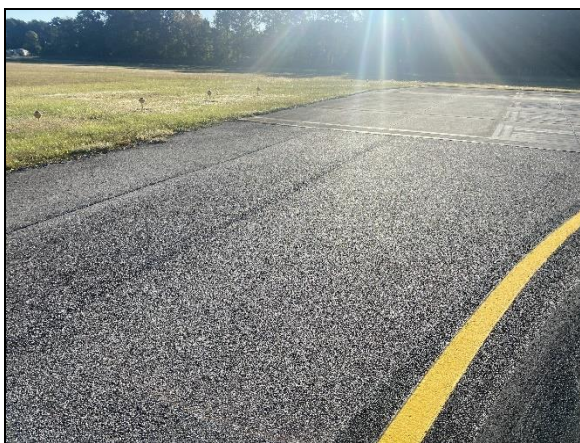


RW 5-20

TW A

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW A	TAXIWAY	7	202,887	60	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	2,611	AAC	2012	-	67	Fair	100	0	0
10	21,656	AC	2001	2005	57	Fair	97	0	3
20	50,738	AC	2001	-	50	Poor	100	0	0
30	66,780	AC	2001	-	58	Fair	100	0	0
40	16,031	AC	2009	-	75	Satisfactory	100	0	0
50	10,237	AC	2004	-	59	Fair	100	0	0
60	34,834	AC	2015	-	75	Satisfactory	100	0	0



TW A-05



TW A-20



TW A-40



TW A-50

TW B

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW B	TAXIWAY	2	15,862	71	Satisfactory

Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
10	12,444	AC	2001	-	69	Fair	100	0	0
20	3,418	AAC	2012	-	77	Satisfactory	100	0	0



TW B-10



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	2	9,896	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	5,845	AC	2001	-	58	Fair	100	0	0
20	4,051	AAC	2012	-	68	Fair	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	2	14,217	69	Fair

Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
10	4,213	AC	2001	2004	51	Poor	100	0	0
20	10,004	AAC	2012	-	77	Satisfactory	100	0	0



TW D-10



TW D-20

TW E

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW E	TAXIWAY	2	11,604	65	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	3,940	AC	2005	-	55	Poor	100	0	0
20	7,664	AAC	2011	-	70	Fair	100	0	0



TW E-10



TW E-20



STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

MKS - Berkeley County Airport

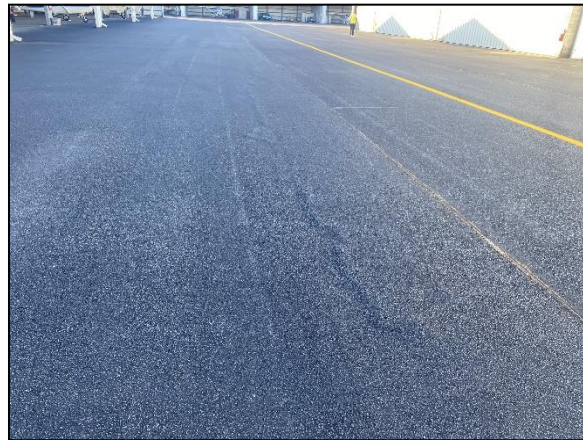
TL 01

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TL 01	TAXILANE	2	71,042	69	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	22,629	AC	1992	2023	73	Satisfactory	100	0	0
20	48,413	AC	2000	2023	67	Fair	85	0	15



TL 01-10



TL 01-20

AP 01

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
AP 01	APRON	2	166,323	61	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	55,906	AC	2002	2023	60	Fair	100	0	0
20	110,417	AC	2002	2023	61	Fair	96	0	4



AP 01-10



AP 01-20



Appendix E – Re-Inspection Report

Re-Inspection Report

SCAC_2024

Generated Date

6/17/2024

Page 1 of 22

Network:	MKS	Name:	BERKELEY COUNTY AIRPORT				
Branch:	AP 01	Name:	APRON 01	Use:	APRON	Area:	166,323 SqFt
Section:	10	of	2	From:	-	To:	-
Surface:	AC	Family:	2024_SC III IV-AP-AC	Zone:		Category:	G
Area:	55,906 SqFt	Length:	312 Ft	Width:	188 Ft	Rank:	P
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft
Shoulder:		Street Type:		Grade:	0	Lanes:	0
Section Comments:							
Work Date:	7/1/2002	Work Type:	New Construction - AC	Code:	NC-AC	Is Major M&R:	True
Work Date:	7/1/2002	Work Type:	Surface Course - AC (Layer Construct)	Code:	SU-AC	Is Major M&R:	False
Work Date:	1/1/2011	Work Type:	Surface Treatment - Seal Coat	Code:	ST-SC	Is Major M&R:	False
Work Date:	10/1/2023	Work Type:	Surface Treatment - Seal Coat	Code:	ST-SC	Is Major M&R:	False
Work Date:	10/1/2023	Work Type:	Crack Sealing - AC	Code:	CS-AC	Is Major M&R:	False
Last Insp. Date:	10/23/2023	Total Samples:	11	Surveyed:	3		
Conditions:	PCI: 60						
Inspection Comments:							
Sample Number:	02	Type:	R	Area:	4600.00 SqFt	PCI:	59
Sample Comments:							
43	BLOCK CR	L	4600.00	SqFt			
57	WEATHERING	L	4600.00	SqFt			
Sample Number:	06	Type:	R	Area:	5500.00 SqFt	PCI:	61
Sample Comments:							
48	L & T CR	L	815.00	Ft			
48	L & T CR	M	34.00	Ft			
57	WEATHERING	L	5500.00	SqFt			
Sample Number:	10	Type:	R	Area:	5500.00 SqFt	PCI:	59
Sample Comments:							
43	BLOCK CR	L	5500.00	SqFt			
57	WEATHERING	L	5500.00	SqFt			

Network:	MKS			Name:	BERKELEY COUNTY AIRPORT									
Branch:	AP 01		Name:	APRON 01		Use:	APRON		Area:	166,323 SqFt				
Section:	20		of	2		From:	-		To:	-		Last Const.:	7/1/2002	
Surface:	AC		Family:	2024_SC III IV-AP-AC		Zone:			Category:	G		Rank:	P	
Area:	110,417 SqFt		Length:	545 Ft		Width:			185 Ft					
Slabs:			Slab Length:	Ft		Slab Width:			Ft	Joint Length:			Ft	
Shoulder:			Street Type:			Grade:	0		Lanes:	0				
Section Comments:														
Work Date:	7/1/2002		Work Type:	Surface Course - AC (Layer Construct)					Code:	SU-AC		Is Major M&R:	False	
Work Date:	7/1/2002		Work Type:	New Construction - AC					Code:	NC-AC		Is Major M&R:	True	
Work Date:	1/1/2011		Work Type:	Surface Treatment - Seal Coat					Code:	ST-SC		Is Major M&R:	False	
Work Date:	10/1/2023		Work Type:	Crack Sealing - AC					Code:	CS-AC		Is Major M&R:	False	
Work Date:	10/1/2023		Work Type:	Surface Treatment - Seal Coat					Code:	ST-SC		Is Major M&R:	False	
Last Insp. Date:	10/23/2023		TotalSamples:	21		Surveyed:	5							
Conditions:	PCI: 61													
Inspection Comments:														
Sample Number:	04		Type:	R		Area:	5434.00 SqFt		PCI:	60				
Sample Comments:														
48	L & T CR		L	905.00 Ft										
57	WEATHERING		L	4891.00 SqFt										
57	WEATHERING		M	543.00 SqFt										
Sample Number:	09		Type:	R		Area:	4180.00 SqFt		PCI:	56				
Sample Comments:														
43	BLOCK CR		L	480.00 SqFt										
48	L & T CR		L	613.00 Ft										
57	WEATHERING		L	3553.00 SqFt										
57	WEATHERING		M	627.00 SqFt										
Sample Number:	11		Type:	R		Area:	5500.00 SqFt		PCI:	62				
Sample Comments:														
48	L & T CR		L	1150.00 Ft										
57	WEATHERING		L	5500.00 SqFt										
Sample Number:	15		Type:	R		Area:	5500.00 SqFt		PCI:	63				
Sample Comments:														
48	L & T CR		L	903.00 Ft										
49	OIL SPILLAGE		N	4.00 SqFt										
57	WEATHERING		L	5500.00 SqFt										
Sample Number:	19		Type:	R		Area:	5500.00 SqFt		PCI:	62				
Sample Comments:														
48	L & T CR		L	733.00 Ft										
49	OIL SPILLAGE		N	21.00 SqFt										
50	PATCHING		L	48.00 SqFt										
57	WEATHERING		L	5452.00 SqFt										

Network:	MKS		Name:	BERKELEY COUNTY AIRPORT											
Branch:	RW 5		Name:	RUNWAY 5-23		Use:	RUNWAY		Area:	375,000 SqFt					
Section:	10	of	2	From:	-			To:	-			Last Const.:	1/1/2011		
Surface:	PCC		Family:	2024_SC II III IV-PCC		Zone:				Category:	G		Rank:	P	
Area:	326,250 SqFt		Length:	4,350 Ft		Width:	75 Ft								
Slabs:	2,088		Slab Length:	12 Ft		Slab Width:	12 Ft		Joint Length:	47,775 Ft					
Shoulder:			Street Type:			Grade:	0		Lanes:	0					
Section Comments:															
Work Date:	9/1/1965			Work Type:	Base Course - Bituminous			Code:	BA-BI		Is Major M&R:	False			
Work Date:	9/1/1965			Work Type:	Base Course - Aggregate			Code:	BA-AG		Is Major M&R:	False			
Work Date:	9/1/1965			Work Type:	Surface Course - AC (Layer Construct)			Code:	SU-AC		Is Major M&R:	False			
Work Date:	9/1/1965			Work Type:	New Construction - AC			Code:	NC-AC		Is Major M&R:	True			
Work Date:	11/1/1990			Work Type:	Overlay - AC			Code:	OL-AC		Is Major M&R:	True			
Work Date:	1/1/2004			Work Type:	Surface Treatment - Seal Coat			Code:	ST-SC		Is Major M&R:	False			
Work Date:	1/1/2011			Work Type:	Reconstruction - PCC			Code:	RC-PC		Is Major M&R:	True			
Last Insp. Date:	10/23/2023			TotalSamples:	87		Surveyed:	18							
Conditions:	PCI: 98														
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:	97					
Sample Comments:															
65	JT SEAL DMG		L	24.00 Slabs											
73	SHRINKAGE CR		N	1.00 Slabs											
Sample Number:	14		Type:	R		Area:	24.00 Slabs		PCI:	97					
Sample Comments:															
66	SMALL PATCH		M	1.00 Slabs											
Sample Number:	19		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:	24		Type:	R		Area:	24.00 Slabs		PCI:	100					
Sample Comments:															
<No Distress>															
Sample Number:	29		Type:	R		Area:	24.00 Slabs		PCI:	100					
Sample Comments:															
<No Distress>															
Sample Number:	34		Type:	R		Area:	24.00 Slabs		PCI:	100					
Sample Comments:															
<No Distress>															
Sample Number:	39		Type:	R		Area:	24.00 Slabs		PCI:	98					
Sample Comments:															
65	JT SEAL DMG		L	24.00 Slabs											
Sample Number:	44		Type:	R		Area:	24.00 Slabs		PCI:	99					
Sample Comments:															
73	SHRINKAGE CR		N	1.00 Slabs											

Sample Number: 49		Type: R	Area:	24.00 Slabs	PCI: 96
Sample Comments:					
65	JT SEAL DMG	L	24.00	Slabs	
73	SHRINKAGE CR	N	2.00	Slabs	
Sample Number: 54		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: 59		Type: R	Area:	24.00 Slabs	PCI: 99
Sample Comments:					
73	SHRINKAGE CR	N	1.00	Slabs	
Sample Number: 64		Type: R	Area:	24.00 Slabs	PCI: 98
Sample Comments:					
65	JT SEAL DMG	L	24.00	Slabs	
Sample Number: 69		Type: R	Area:	24.00 Slabs	PCI: 95
Sample Comments:					
65	JT SEAL DMG	L	24.00	Slabs	
73	SHRINKAGE CR	N	4.00	Slabs	
Sample Number: 74		Type: R	Area:	24.00 Slabs	PCI: 98
Sample Comments:					
65	JT SEAL DMG	L	24.00	Slabs	
Sample Number: 79		Type: R	Area:	24.00 Slabs	PCI: 96
Sample Comments:					
65	JT SEAL DMG	L	24.00	Slabs	
73	SHRINKAGE CR	N	2.00	Slabs	
Sample Number: 84		Type: R	Area:	24.00 Slabs	PCI: 95
Sample Comments:					
65	JT SEAL DMG	L	24.00	Slabs	
66	SMALL PATCH	L	2.00	Slabs	
75	CORNER SPALL	L	1.00	Slabs	
Sample Number: 87		Type: R	Area:	24.00 Slabs	PCI: 98
Sample Comments:					
65	JT SEAL DMG	L	24.00	Slabs	

Network:	MKS			Name:	BERKELEY COUNTY AIRPORT					
Branch:	RW 5		Name:	RUNWAY 5-23		Use:	RUNWAY	Area:	375,000 SqFt	
Section:	20	of	2	From:	-	To:	-	Last Const.:	5/1/2015	
Surface:	PCC	Family:	2024_SC II III IV-PCC		Zone:		Category:		Rank:	P
Area:	48,750 SqFt	Length:	650 Ft		Width:	75 Ft				
Slabs:	312	Slab Length:	12 Ft		Slab Width:	12 Ft		Joint Length:	7,075 Ft	
Shoulder:		Street Type:		Grade:	0		Lanes:	0		
Section Comments:										

Work Date:	5/1/2015	Work Type:	New Construction - PCC		Code:	NC-PC	Is Major M&R:	True	
Last Insp. Date:	10/23/2023	TotalSamples:	13		Surveyed:	3			
Conditions:	PCI:	100							

Inspection Comments:

Sample Number:	02	Type:	R	Area:	24.00 Slabs	PCI:	100		
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Sample Comments:

<No Distress>

Sample Number:	07	Type:	R	Area:	24.00 Slabs	PCI:	100		
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Sample Comments:

<No Distress>

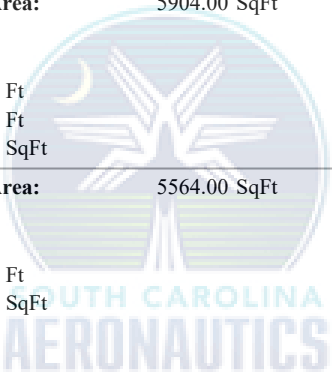
Sample Number:	12	Type:	R	Area:	24.00 Slabs	PCI:	100		
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Sample Comments:

<No Distress>



Network:	MKS	Name:	BERKELEY COUNTY AIRPORT						
Branch:	TL 01	Name:	TAXILANE 01	Use:	TAXILANE	Area:	71,042 SqFt		
Section:	10	of	2	From:	-	To:	-	Last Const.:	7/1/1992
Surface:	AC	Family:	2024_SC III IV-TW TL-AC	Zone:		Category:	G	Rank:	T
Area:	22,629 SqFt	Length:	490 Ft	Width:	46 Ft				
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft		
Shoulder:		Street Type:		Grade:	0	Lanes:	0		
Section Comments:									
Work Date:	7/1/1992	Work Type:	Base Course - Aggregate		Code:	BA-AG	Is Major M&R:	False	
Work Date:	7/1/1992	Work Type:	New Construction - AC		Code:	NC-AC	Is Major M&R:	True	
Work Date:	7/1/1992	Work Type:	Surface Course - AC (Layer Construct)		Code:	SU-AC	Is Major M&R:	False	
Work Date:	1/1/2011	Work Type:	Surface Treatment - Seal Coat		Code:	ST-SC	Is Major M&R:	False	
Work Date:	10/1/2023	Work Type:	Surface Treatment - Seal Coat		Code:	ST-SC	Is Major M&R:	False	
Work Date:	10/1/2023	Work Type:	Crack Sealing - AC		Code:	CS-AC	Is Major M&R:	False	
Last Insp. Date:	10/23/2023	Total Samples:	4	Surveyed:	2				
Conditions:	PCI: 73								
Inspection Comments:									
Sample Number:	01	Type:	R	Area:	5904.00 SqFt	PCI:	71		
Sample Comments:									
48	L & T CR	L	302.00 Ft						
48	L & T CR	M	7.00 Ft						
57	WEATHERING	M	5904.00 SqFt						
Sample Number:	03	Type:	R	Area:	5564.00 SqFt	PCI:	75		
Sample Comments:									
48	L & T CR	L	443.00 Ft						
57	WEATHERING	M	5564.00 SqFt						



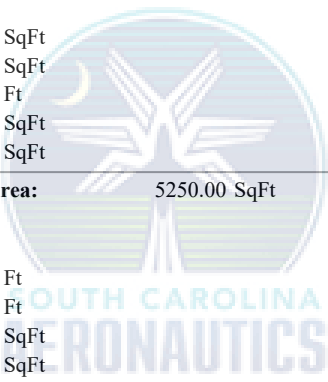
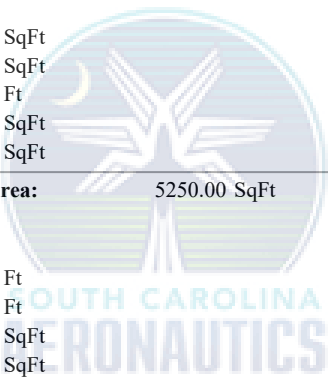
Network:	MKS		Name:	BERKELEY COUNTY AIRPORT					
Branch:	TL 01		Name:	TAXILANE 01		Use:	TAXILANE	Area:	71,042 SqFt
Section:	20	of	2	From:	-	To:	-	Last Const.:	6/1/2000
Surface:	AC	Family:	2024_SC III IV-TW TL-AC	Zone:		Category:	G	Rank:	T
Area:	48,413 SqFt		Length:	358 Ft		Width:	45 Ft		
Slabs:	Slab Length:		Ft		Slab Width:	Ft		Joint Length:	Ft
Shoulder:	Street Type:		Grade:		0		Lanes:	0	
Section Comments:									
Work Date:	6/1/2000		Work Type: Surface Course - AC (Layer Construct)				Code:	SU-AC	
Work Date:	6/1/2000		Work Type: New Construction - AC				Code:	NC-AC	
Work Date:	1/1/2011		Work Type: Surface Treatment - Seal Coat				Code:	ST-SC	
Work Date:	10/1/2023		Work Type: Crack Sealing - AC				Code:	CS-AC	
Work Date:	10/1/2023		Work Type: Surface Treatment - Seal Coat				Code:	ST-SC	
Last Insp. Date:	10/23/2023		TotalSamples:	11		Surveyed:	3		
Conditions:	PCI: 67								
Inspection Comments:									
Sample Number:	04		Type:	R		Area:	3500.00 SqFt		PCI: 71
Sample Comments:									
48	L & T CR		L	265.00 Ft					
57	WEATHERING		L	1750.00 SqFt					
57	WEATHERING		M	1750.00 SqFt					
Sample Number:	08		Type:	R		Area:	5593.00 SqFt		PCI: 67
Sample Comments:									
45	DEPRESSION		L	30.00 SqFt					
48	L & T CR		L	349.00 Ft					
56	SWELLING		L	32.00 SqFt					
57	WEATHERING		L	2797.00 SqFt					
57	WEATHERING		M	2796.00 SqFt					
Sample Number:	09		Type:	R		Area:	4936.00 SqFt		PCI: 66
Sample Comments:									
45	DEPRESSION		L	32.00 SqFt					
48	L & T CR		L	174.00 Ft					
56	SWELLING		L	129.00 SqFt					
57	WEATHERING		L	2468.00 SqFt					
57	WEATHERING		M	2468.00 SqFt					

Network:	MKS	Name:	BERKELEY COUNTY AIRPORT						
Branch:	TW A	Name:	TAXIWAY A	Use:	TAXIWAY	Area:	202,887 SqFt		
Section:	05	of	7	From:	-	To:	-	Last Const.:	1/1/2012
Surface:	AAC	Family:	2024_SC III IV-TW TL-AC	Zone:		Category:	G	Rank:	P
Area:	2,611 SqFt	Length:	60 Ft	Width:	35 Ft				
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft		
Shoulder:		Street Type:		Grade:	0	Lanes:	0		
Section Comments:									
Work Date:	2/1/1989	Work Type:	Base Course - Aggregate			Code:	BA-AG	Is Major M&R:	False
Work Date:	2/1/1989	Work Type:	Surface Course - AC (Layer Construct)			Code:	SU-AC	Is Major M&R:	False
Work Date:	2/1/1989	Work Type:	New Construction - AC			Code:	NC-AC	Is Major M&R:	True
Work Date:	10/1/2001	Work Type:	Reconstruction - AC			Code:	RC-AC	Is Major M&R:	True
Work Date:	1/1/2012	Work Type:	Overlay - AC			Code:	OL-AC	Is Major M&R:	True
Last Insp. Date:	10/23/2023	TotalSamples:	1	Surveyed:	1				
Conditions:	PCI:	67							
Inspection Comments:									

Sample Number:	01	Type:	R	Area:	2611.00 SqFt	PCI:	67
Sample Comments:							
48	L & T CR	L	159.00	Ft			
50	PATCHING	L	414.00	SqFt			
57	WEATHERING	L	1648.00	SqFt			
57	WEATHERING	M	549.00	SqFt			



Network:	MKS	Name:	BERKELEY COUNTY AIRPORT						
Branch:	TW A	Name:	TAXIWAY A	Use:	TAXIWAY	Area:	202,887 SqFt		
Section:	10	of	7	From:	-	To:	-	Last Const.:	10/1/2001
Surface:	AC	Family:	2024_SC III IV-TW TL-AC	Zone:		Category:	G	Rank:	P
Area:	21,656 SqFt	Length:	600 Ft	Width:	35 Ft				
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft		
Shoulder:		Street Type:		Grade:	0	Lanes:	0		
Section Comments:									
Work Date:	2/1/1989	Work Type:	New Construction - AC			Code:	NC-AC	Is Major M&R:	True
Work Date:	2/1/1989	Work Type:	Surface Course - AC (Layer Construct)			Code:	SU-AC	Is Major M&R:	False
Work Date:	2/1/1989	Work Type:	Base Course - Aggregate			Code:	BA-AG	Is Major M&R:	False
Work Date:	10/1/2001	Work Type:	Reconstruction - AC			Code:	RC-AC	Is Major M&R:	True
Work Date:	1/1/2005	Work Type:	Surface Treatment - Seal Coat			Code:	ST-SC	Is Major M&R:	False
Work Date:	1/1/2011	Work Type:	Patching - AC			Code:	PA-AC	Is Major M&R:	False
Last Insp. Date: 10/23/2023									
		Total Samples:	5	Surveyed:		2			
Conditions: PCI: 57									
Inspection Comments:									
Sample Number:	01	Type:	R	Area:	3150.00 SqFt	PCI:	49		
Sample Comments:									
42	BLEEDING	N	5.00	SqFt					
48	L & T CR	L	794.00	Ft					
50	PATCHING	M	135.00	SqFt					
57	WEATHERING	L	1507.00	SqFt					
57	WEATHERING	M	1508.00	SqFt					
Sample Number:	03	Type:	R	Area:	5054.00 SqFt	PCI:	62		
Sample Comments:									
42	BLEEDING	N	20.00	SqFt					
48	L & T CR	L	402.00	Ft					
48	L & T CR	M	22.00	Ft					
57	WEATHERING	L	2527.00	SqFt					
57	WEATHERING	M	2527.00	SqFt					

Network:		MKS		Name:		BERKELEY COUNTY AIRPORT																									
Branch:		TW A		Name:		TAXIWAY A		Use:		TAXIWAY		Area:		202,887 SqFt																	
Section:		20		of		7		From:		-		To:		-		Last Const.:		10/1/2001													
Surface:		AC		Family:		2024_SC III IV-TW TL-AC		Zone:				Category:		G		Rank:		P													
Area:		50,738 SqFt		Length:		1,410 Ft		Width:		35 Ft																					
Slabs:				Slab Length:		Ft		Slab Width:		Ft		Joint Length:		Ft																	
Shoulder:				Street Type:				Grade:		0		Lanes:		0																	
Section Comments:																															
Work Date:				2/1/1989				Work Type:				Surface Course - AC (Layer Construct)				Code:				SU-AC				Is Major M&R:				False			
Work Date:				2/1/1989				Work Type:				Base Course - Aggregate				Code:				BA-AG				Is Major M&R:				False			
Work Date:				2/1/1989				Work Type:				New Construction - AC				Code:				NC-AC				Is Major M&R:				True			
Work Date:				10/1/2001				Work Type:				Reconstruction - AC				Code:				RC-AC				Is Major M&R:				True			
Work Date:				10/1/2023				Work Type:				Crack Sealing - AC				Code:				CS-AC				Is Major M&R:				False			
Last Insp. Date:				10/23/2023				TotalSamples:				10				Surveyed:				2											
Conditions:				PCI:				50																							
Inspection Comments:																															
Sample Number:				03				Type:		R		Area:				5250.00 SqFt				PCI:				49							
Sample Comments:																															
43		BLOCK CR		L		3563.00		SqFt																							
43		BLOCK CR		M		188.00		SqFt																							
48		L & T CR		L		97.00		Ft																							
52		RAVELING		L		263.00		SqFt																							
57		WEATHERING		M		4987.00		SqFt																							
Sample Number:				07				Type:		R		Area:				5250.00 SqFt				PCI:				51							
Sample Comments:																															
48		L & T CR		L		954.00		Ft																							
48		L & T CR		M		193.00		Ft																							
52		RAVELING		L		263.00		SqFt																							
57		WEATHERING		M		4987.00		SqFt																							

Network:	MKS			Name:	BERKELEY COUNTY AIRPORT				
Branch:	TW A		Name:	TAXIWAY A		Use:	TAXIWAY	Area:	202,887 SqFt
Section:	30	of	7	From:	-	To:	-	Last Const.:	10/1/2001
Surface:	AC	Family:	2024_SC III IV-TW TL-AC	Zone:		Category:	G	Rank:	P
Area:	66,780 SqFt	Length:	2,120 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:	10/1/2001	Work Type:	New Construction - AC			Code:	NC-AC	Is Major M&R:	True
Work Date:	10/1/2001	Work Type:	Surface Course - AC (Layer Construct)			Code:	SU-AC	Is Major M&R:	False
Work Date:	1/1/2015	Work Type:	Patching - AC			Code:	PA-AC	Is Major M&R:	False
Work Date:	10/1/2023	Work Type:	Crack Sealing - AC			Code:	CS-AC	Is Major M&R:	False
Last Insp. Date:	10/23/2023	TotalSamples:	13	Surveyed:	4				
Conditions:	PCI:	58							
Inspection Comments:									
Sample Number:	03	Type:	R	Area:	5250.00 SqFt	PCI:	58		
Sample Comments:									
48	L & T CR	L	480.00 Ft						
48	L & T CR	M	34.00 Ft						
50	PATCHING	L	305.00 SqFt						
52	RAVELING	L	247.00 SqFt						
57	WEATHERING	M	4698.00 SqFt						
Sample Number:	06	Type:	R	Area:	5250.00 SqFt	PCI:	55		
Sample Comments:									
48	L & T CR	L	594.00 Ft						
48	L & T CR	M	33.00 Ft						
50	PATCHING	L	300.00 SqFt						
52	RAVELING	L	248.00 SqFt						
57	WEATHERING	M	4702.00 SqFt						
Sample Number:	09	Type:	R	Area:	5250.00 SqFt	PCI:	61		
Sample Comments:									
48	L & T CR	L	556.00 Ft						
48	L & T CR	M	48.00 Ft						
52	RAVELING	L	263.00 SqFt						
57	WEATHERING	M	4987.00 SqFt						
Sample Number:	12	Type:	R	Area:	5250.00 SqFt	PCI:	58		
Sample Comments:									
48	L & T CR	L	480.00 Ft						
48	L & T CR	M	41.00 Ft						
50	PATCHING	L	389.00 SqFt						
52	RAVELING	L	243.00 SqFt						
57	WEATHERING	M	4618.00 SqFt						

Network:	MKS	Name:	BERKELEY COUNTY AIRPORT							
Branch:	TW A	Name:	TAXIWAY A		Use:	TAXIWAY	Area:	202,887 SqFt		
Section:	40	of	7	From:	-	To:	-	Last Const.:	1/1/2009	
Surface:	AC	Family:	2024_SC III IV-TW TL-AC		Zone:		Category:		Rank:	P
Area:	16,031 SqFt	Length:	450 Ft	Width:	35 Ft					
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft			
Shoulder:		Street Type:		Grade:	0	Lanes:	0			
Section Comments:										
Work Date:	1/1/2009	Work Type:	New Construction - AC			Code:	NC-AC	Is Major M&R:	True	
Work Date:	1/1/2011	Work Type:	Patching - AC			Code:	PA-AC	Is Major M&R:	False	
Last Insp. Date:	10/23/2023	Total Samples:	3	Surveyed:	1					
Conditions:	PCI:	75								
Inspection Comments:										
Sample Number:	02	Type:	R	Area:	5190.00 SqFt	PCI:	75			
Sample Comments:										
48	L & T CR	L	229.00	Ft						
57	WEATHERING	M	5190.00	SqFt						



Network:	MKS			Name:	BERKELEY COUNTY AIRPORT									
Branch:	TW A		Name:	TAXIWAY A		Use:	TAXIWAY		Area:	202,887 SqFt				
Section:	50		of	7		From:	-		To:	-		Last Const.:	1/1/2004	
Surface:	AC		Family:	2024_SC III IV-TW TL-AC		Zone:			Category:			Rank:	P	
Area:	10,237 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:	1/1/2004		Work Type:	New Construction - AC				Code:	NC-AC		Is Major M&R:	True		
Work Date:	1/1/2011		Work Type:	Patching - AC				Code:	PA-AC		Is Major M&R:	False		
Last Insp. Date:	10/23/2023		TotalSamples:	2		Surveyed:	1							
Conditions:	PCI: 59													
Inspection Comments:														
Sample Number:	02		Type:	R		Area:	5444.00 SqFt		PCI:	59				
Sample Comments:														
48	L & T CR		L	180.00 Ft										
48	L & T CR		M	107.00 Ft										
50	PATCHING		L	1927.00 SqFt										
57	WEATHERING		M	3517.00 SqFt										



Network:	MKS			Name:	BERKELEY COUNTY AIRPORT				
Branch:	TW A		Name:	TAXIWAY A		Use:	TAXIWAY	Area:	202,887 SqFt
Section:	60	of	7	From:	-	To:	-	Last Const.:	5/1/2015
Surface:	AC	Family:	2024_SC III IV-TW TL-AC	Zone:		Category:		Rank:	P
Area:	34,834 SqFt	Length:	900 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:	5/1/2015	Work Type: New Construction - AC				Code:	NC-AC	Is Major M&R: True	

Last Insp. Date:	10/23/2023	TotalSamples:	6	Surveyed:	2
Conditions:	PCI:	75			
Inspection Comments:					

Sample Number:	01	Type:	R	Area:	4923.00 SqFt	PCI:	75
Sample Comments:							
48	L & T CR	L	95.00 Ft				
57	WEATHERING	M	4923.00 SqFt				

Sample Number:	04	Type:	R	Area:	5850.00 SqFt	PCI:	75
Sample Comments:							
48	L & T CR	L	106.00 Ft				
57	WEATHERING	M	5625.00 SqFt				



Network: MKS

Name: BERKELEY COUNTY AIRPORT

Branch: TW B

Name: TAXIWAY B

Use: TAXIWAY

Area: 15,862 SqFt

Section: 10

of 2

From: -

To: -

Last Const.: 10/1/2001

Surface: AC

Family: 2024_SC III IV-TW TL-AC

Zone:

Category: G

Rank: P

Area: 12,444 SqFt

Length: 300 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: 10/1/2001

Work Type: New Construction - AC

Code: NC-AC

Is Major M&R: True

Work Date: 10/1/2001

Work Type: Surface Course - AC (Layer Construct)

Code: SU-AC

Is Major M&R: False

Last Insp. Date: 10/23/2023

TotalSamples: 3

Surveyed: 2

Conditions: PCI: 69

Inspection Comments:

Sample Number: 01

Type: R

Area: 3675.00 SqFt

PCI: 68

Sample Comments:

48 L & T CR L 54.00 Ft

50 PATCHING L 17.00 SqFt

52 RAVELING L 183.00 SqFt

57 WEATHERING M 3475.00 SqFt

Sample Number: 02

Type: R

Area: 3945.00 SqFt

PCI: 70

Sample Comments:

48 L & T CR L 160.00 Ft

52 RAVELING L 197.00 SqFt

57 WEATHERING M 3748.00 SqFt



Network:	MKS		Name:	BERKELEY COUNTY AIRPORT							
Branch:	TW B		Name:	TAXIWAY B		Use:	TAXIWAY	Area:	15,862 SqFt		
Section:	20	of 2	From:	-			To:	-		Last Const.:	1/1/2012
Surface:	AAC	Family:	2024_SC III IV-TW TL-AC		Zone:		Category:	G		Rank:	P
Area:	3,418 SqFt		Length:	100 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:	10/1/2001		Work Type:	New Construction - AC			Code:	NC-AC		Is Major M&R:	True
Work Date:	10/1/2001		Work Type:	Surface Course - AC (Layer Construct)			Code:	SU-AC		Is Major M&R:	False
Work Date:	1/1/2004		Work Type:	Surface Treatment - Seal Coat			Code:	ST-SC		Is Major M&R:	False
Work Date:	1/1/2012		Work Type:	Overlay - AC			Code:	OL-AC		Is Major M&R:	True
Last Insp. Date:	10/23/2023		TotalSamples:	1		Surveyed:	1				
Conditions:	PCI:	77									
Inspection Comments:											
Sample Number:	01	Type:	R	Area:	3418.00 SqFt		PCI:	77			
Sample Comments:											

48	L & T CR	L	150.00	Ft
57	WEATHERING	L	2564.00	SqFt
57	WEATHERING	M	854.00	SqFt



Network:	MKS			Name:	BERKELEY COUNTY AIRPORT							
Branch:	TW C		Name:	TAXIWAY C		Use:	TAXIWAY	Area:	9,896 SqFt			
Section:	10	of 2	From:	-			To:	-		Last Const.:	10/1/2001	
Surface:	AC	Family:	2024_SC III IV-TW TL-AC		Zone:				Category:	G	Rank:	S
Area:	5,845 SqFt		Length:	150 Ft		Width:	35 Ft					
Slabs:	Slab Length:		Ft		Slab Width:	Ft		Joint Length:	Ft			
Shoulder:	Street Type:				Grade:	0		Lanes:	0			
Section Comments:												
Work Date:	2/1/1989		Work Type: Base Course - Aggregate				Code:	BA-AG		Is Major M&R:	False	
Work Date:	2/1/1989		Work Type: Surface Course - AC (Layer Construct)				Code:	SU-AC		Is Major M&R:	False	
Work Date:	2/1/1989		Work Type: New Construction - AC				Code:	NC-AC		Is Major M&R:	True	
Work Date:	10/1/2001		Work Type: Reconstruction - AC				Code:	RC-AC		Is Major M&R:	True	
Last Insp. Date:	10/23/2023		TotalSamples:	1		Surveyed:	1					
Conditions:	PCI:	58										
Inspection Comments:												

48	L & T CR	L	679.00	Ft
48	L & T CR	M	86.00	Ft
50	PATCHING	L	5.00	SqFt
52	RAVELING	L	473.00	SqFt
57	WEATHERING	L	1342.00	SqFt
57	WEATHERING	M	4025.00	SqFt



Network:	MKS	Name:	BERKELEY COUNTY AIRPORT						
Branch:	TW C	Name:	TAXIWAY C	Use:	TAXIWAY	Area:	9,896 SqFt		
Section:	20	of	2	From:	-	To:	-	Last Const.:	1/1/2012
Surface:	AAC	Family:	2024_SC III IV-TW TL-AC	Zone:		Category:	G	Rank:	S
Area:	4,051 SqFt	Length:	110 Ft	Width:	35 Ft				
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:		Ft	
Shoulder:		Street Type:		Grade:	0	Lanes:	0		
Section Comments:									
Work Date:	2/1/1989	Work Type:	New Construction - AC		Code:	NC-AC	Is Major M&R:	True	
Work Date:	2/1/1989	Work Type:	Surface Course - AC (Layer Construct)		Code:	SU-AC	Is Major M&R:	False	
Work Date:	2/1/1989	Work Type:	Base Course - Aggregate		Code:	BA-AG	Is Major M&R:	False	
Work Date:	9/1/2001	Work Type:	Overlay - AC		Code:	OL-AC	Is Major M&R:	True	
Work Date:	1/1/2004	Work Type:	Surface Treatment - Seal Coat		Code:	ST-SC	Is Major M&R:	False	
Work Date:	1/1/2012	Work Type:	Overlay - AC		Code:	OL-AC	Is Major M&R:	True	
Last Insp. Date:	10/23/2023	Total Samples:	1	Surveyed:	1				
Conditions:	PCI: 68								
Inspection Comments:									
Sample Number:	01	Type:	R	Area:	4051.00 SqFt	PCI:	68		
Sample Comments:									
48	L & T CR	L	248.00	Ft					
48	L & T CR	M	9.00	Ft					
57	WEATHERING	L	3038.00	SqFt					
57	WEATHERING	M	1013.00	SqFt					



Network:	MKS		Name:	BERKELEY COUNTY AIRPORT							
Branch:	TW D		Name:	TAXIWAY D		Use:	TAXIWAY	Area:	14,217 SqFt		
Section:	10	of 2	From:	-			To:	-		Last Const.:	10/1/2001
Surface:	AC	Family:	2024_SC III IV-TW TL-AC		Zone:		Category:	G		Rank:	P
Area:	4,213 SqFt		Length:	110 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:	10/1/2001		Work Type:	New Construction - AC			Code:	NC-AC		Is Major M&R:	True
Work Date:	10/1/2001		Work Type:	Surface Course - AC (Layer Construct)			Code:	SU-AC		Is Major M&R:	False
Work Date:	1/1/2004		Work Type:	Surface Treatment - Seal Coat			Code:	ST-SC		Is Major M&R:	False
Last Insp. Date:	10/23/2023		TotalSamples:	1		Surveyed:	1				
Conditions:	PCI: 51										
Inspection Comments:											

Sample Number:	01	Type:	R	Area:	4213.00 SqFt	PCI:	51
Sample Comments:							

48	L & T CR	L	94.00	Ft
48	L & T CR	M	201.00	Ft
50	PATCHING	L	1495.00	SqFt
52	RAVELING	L	136.00	SqFt
57	WEATHERING	M	2582.00	SqFt



Network:	MKS		Name:	BERKELEY COUNTY AIRPORT							
Branch:	TW D		Name:	TAXIWAY D		Use:	TAXIWAY	Area:	14,217 SqFt		
Section:	20	of 2	From:	-			To:	-		Last Const.:	1/1/2012
Surface:	AAC	Family:	2024_SC III IV-TW TL-AC		Zone:		Category:	G		Rank:	P
Area:	10,004 SqFt		Length:	200 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:	10/1/2001		Work Type:	New Construction - AC			Code:	NC-AC		Is Major M&R:	True
Work Date:	10/1/2001		Work Type:	Surface Course - AC (Layer Construct)			Code:	SU-AC		Is Major M&R:	False
Work Date:	1/1/2012		Work Type:	Overlay - AC			Code:	OL-AC		Is Major M&R:	True
Last Insp. Date:	10/23/2023		TotalSamples:	2		Surveyed:	1				
Conditions:	PCI:		77								
Inspection Comments:											
Sample Number:	02		Type:	R		Area:	4023.00 SqFt		PCI:	77	
Sample Comments:											
48	L & T CR		L	92.00 Ft							
48	L & T CR		M	20.00 Ft							
57	WEATHERING		L	3621.00 SqFt							
57	WEATHERING		M	402.00 SqFt							



Network:	MKS		Name:	BERKELEY COUNTY AIRPORT						
Branch:	TW E		Name:	TAXIWAY E		Use:	TAXIWAY	Area:	11,604 SqFt	
Section:	10	of 2	From:	-		To:	-		Last Const.:	1/1/2005
Surface:	AC	Family:	2024_SC III IV-TW TL-AC		Zone:			Category:	Rank: P	
Area:	3,940 SqFt		Length:	100 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:	1/1/2005		Work Type:	New Construction - AC		Code:	NC-AC		Is Major M&R:	True
Last Insp. Date:	10/23/2023		TotalSamples:	1		Surveyed:	1			
Conditions:	PCI: 55									
Inspection Comments:										
Sample Number:	01	Type:	R	Area:	3940.00 SqFt		PCI:	55		
Sample Comments:										
48	L & T CR		L	58.00 Ft						
48	L & T CR		M	20.00 Ft						
50	PATCHING		L	2104.00 SqFt						
57	WEATHERING		M	1836.00 SqFt						



Network:	MKS		Name:	BERKELEY COUNTY AIRPORT							
Branch:	TW E		Name:	TAXIWAY E		Use:	TAXIWAY	Area:	11,604 SqFt		
Section:	20	of 2	From:	-		To:	-		Last Const.:	6/1/2011	
Surface:	AAC	Family:	2024_SC III IV-TW TL-AC		Zone:			Category:	Rank: P		
Area:	7,664 SqFt	Length:	200 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:	1/1/2004		Work Type:	New Construction - AC			Code:	NC-AC		Is Major M&R:	True
Work Date:	6/1/2011		Work Type:	Overlay - AC			Code:	OL-AC		Is Major M&R:	True
Last Insp. Date:	10/23/2023		TotalSamples:	2		Surveyed:	1				
Conditions:	PCI:	70									
Inspection Comments:											
Sample Number:	02	Type:	R	Area:	4100.00 SqFt		PCI:	70			
Sample Comments:											
48	L & T CR	L	158.00 Ft								
50	PATCHING	L	412.00 SqFt								
57	WEATHERING	L	2766.00 SqFt								
57	WEATHERING	M	922.00 SqFt								





Kimley»Horn