

SOUTH CAROLINA AERONAUTICS COMMISSION

STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE



LKR - Lancaster County Airport - McWhirter Field





▼ LKR - Lancaster County Airport - McWhirter Field

Contents

Overview	3
Introduction	3
System Inventory	4
Functional Evaluation	8
Pavement Condition Index	8
Critical PCI	g
PCI Results Summary	g
Pavement Condition Forecast	11
M&R Overview	15
Localized Maintenance and Repair	16
Major Rehabilitation Needs	16
Appendix A – Exhibits	
Appendix B – Analysis Tables	B-1
Appendix C – Maintenance and Rehabilitation Tables	C-1
Appendix D – Detailed PCI Results	D-1
Appendix E – Re-Inspection Report	





Overview

AERONAUTICS

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 <u>SCAC</u> Statewide Report.

Project elements performed for the 2021-2024 program update included 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 Lancaster County Airport – McWhirter Field (LKR)



Figure 1 - Airport Layout



LKR - Lancaster County Airport - McWhirter Field

System Inventory

The pavements at Lancaster County Airport – McWhirter Field (LKR) include approximately 1.2 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.

Construction Year	Location	Work Type / Pavement Section
2018	AP 01	New Construction - AC 4" P-401, 8" P-209, 12" P-155, P-152
2020	AP 01	Mill and Overlay 2" P-401 Mill and Overlay Variable 5" P-401 Surface Seal - Rejuvenating P-408
2020	AP 01	New Construction - AC 8" P-501, 6" P-209, P-152
2020	TW A	Mill and Overlay 5" P-401
2020	TW B	Mill and Overlay 2" P-401
2021	AP 01	New Construction PCC 8" P-501
2021	AP 01	AC Overlay 4" P-401

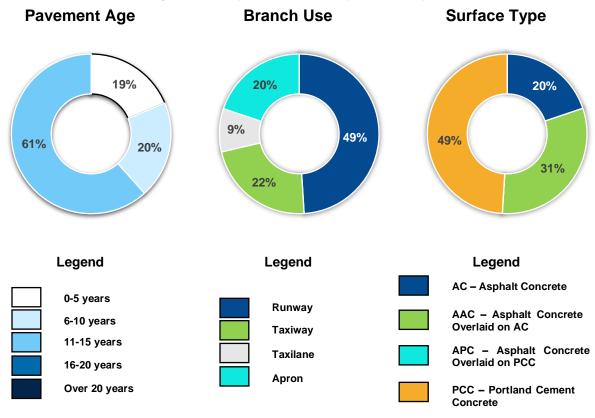
Table 1 - Recent Airfield Pavement Construction

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

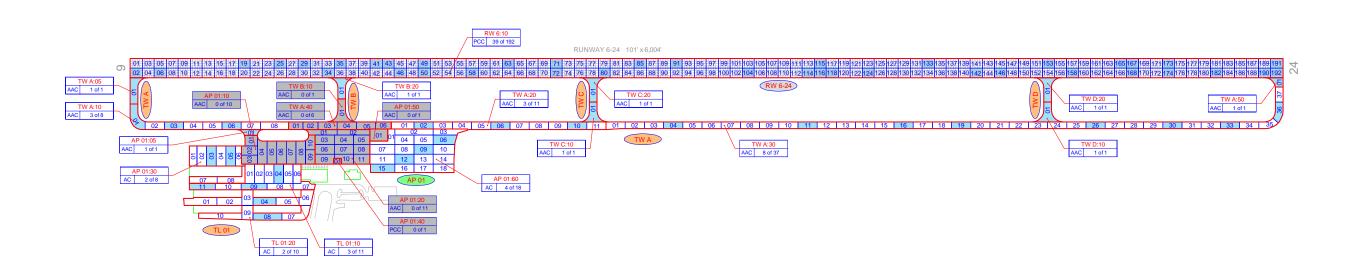


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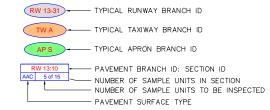
Figure 2 - System Inventory Summary







LEGEND



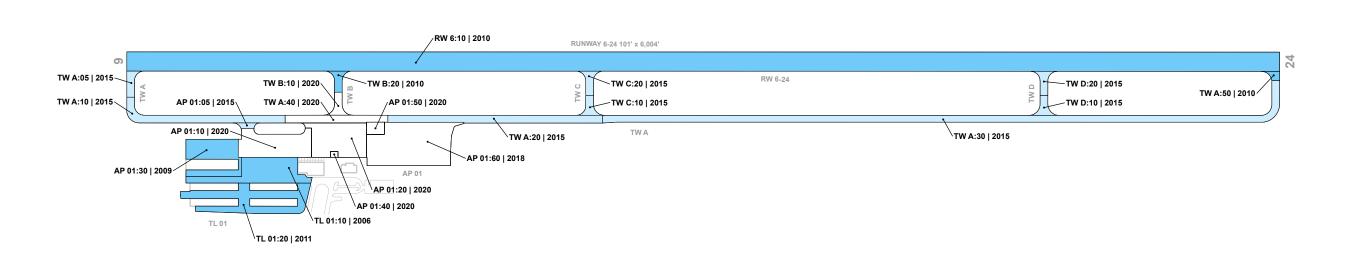
SECTION NOT INSPECTED DUE TO RECENT CONSTRUCTION. SEE ESTIMATED AGE EXHIBIT FOR CONSTRUCTION DATES.

INSPECTED SAMPLE UNITS.

TOTAL SAMPLES INSPECTED = 72 AC: 33 PCC: 39

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





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

SOUTH CAROLINA AERONAUTICS



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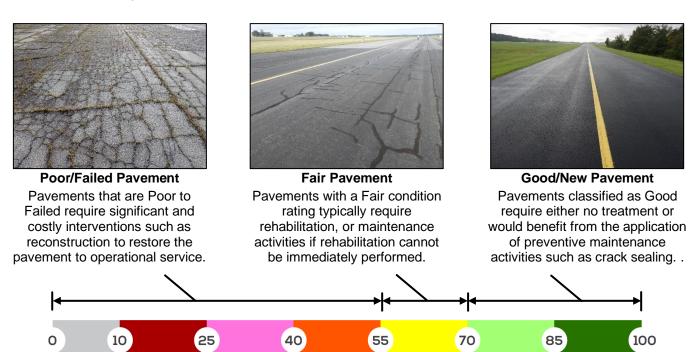
Functional Evaluation

Pavement Condition Index

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

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





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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

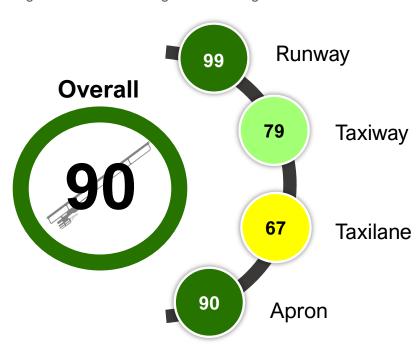
The PCI survey for Lancaster County Airport – McWhirter Field (LKR) was performed in September 2021. **The overall area-weighted average PCI value of the network was 90**, representing a condition rating of **Good**. Approximately 90% of inspected pavements are in Good or Satisfactory condition and the remaining 10% of inspected pavements are in Fair 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





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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
LKR	AP 01	Apron	05	2,535	AAC	74	Satisfactory	100	0	0
LKR	AP 01	Apron	10	48,604	AAC	100	Good	0	0	0
LKR	AP 01	Apron	20	51,020	AAC	100	Good	0	0	0
LKR	AP 01	Apron	30	39,271	AC	62	Fair	100	0	0
LKR	AP 01	Apron	40	1,200	AC	100	Good	0	0	0
LKR	AP 01	Apron	50	5,975	AAC	100	Good	0	0	0
LKR	AP 01	Apron	60	95,022	AC	91	Good	100	0	0
LKR	RW 6	Runway	10	600,400	PCC	99	Good	52	0	48
LKR	TL 01	Taxilane	10	51,680	AC	71	Satisfactory	99	0	1
LKR	TL 01	Taxilane	20	55,468	AC	63	Fair	100	0	0
LKR	TW A	Taxiway	05	5,980	AAC	70	Fair	100	0	0
LKR	TW A	Taxiway	10	36,354	AAC	74	Satisfactory	100	0	0
LKR	TW A	Taxiway	20	43,143	AAC	75	Satisfactory	100	0	0
LKR	TW A	Taxiway	30	129,646	AAC	80	Satisfactory	96	0	4
LKR	TW A	Taxiway	40	20,961	AAC	100	Good	0	0	0
LKR	TW A	Taxiway	50	2,567	AAC	74	Satisfactory	100	0	0
LKR	TW B	Taxiway	10	6,159	AAC	100	Good	0	0	0
LKR	TW B	Taxiway	20	5,473	AAC	70	Fair	65	0	35
LKR	TW C	Taxiway	10	5,406	AAC	69	Fair	100	0	0
LKR	TW C	Taxiway	20	6,113	AAC	67	Fair	100	0	0
LKR	TW D	Taxiway	10	5,705	AAC	66	Fair	100	0	0
LKR	TW D	Taxiway	20	6,113	AAC	73	Satisfactory	100	0	0

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



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Pavement Condition Forecast

A primary objective of this APMS is to estimate the future condition of each individual pavement section. PAVERTM 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 **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 LKR.

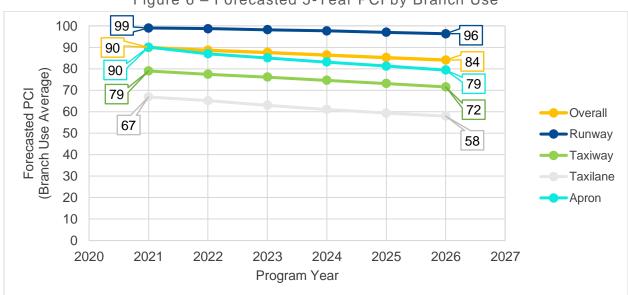


Figure 6 - Forecasted 5-Year PCI by Branch Use

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.

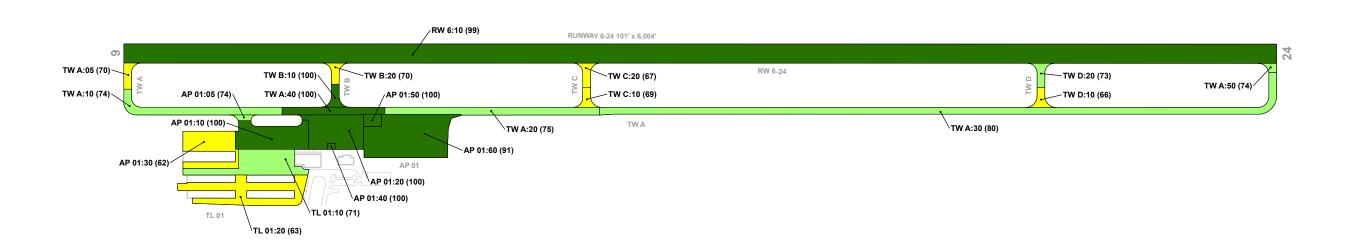


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Table 3 - Forecasted (2022-2026) Pavement Condition Index Summary - Section

Network	Branch ID	Section ID	Current		Forecasted PCI						
ID	Branchib	Occilon ID	PCI	2022	2023	2024	2025	2026			
LKR	AP 01	05	74	73	71	70	69	68			
LKR	AP 01	10	100	95	92	90	88	86			
LKR	AP 01	20	100	95	92	90	88	86			
LKR	AP 01	30	62	62	61	61	60	60			
LKR	AP 01	40	100	95	92	90	88	86			
LKR	AP 01	50	100	95	92	90	88	86			
LKR	AP 01	60	91	89	87	85	83	81			
LKR	RW 6	10	99	99	98	98	97	96			
LKR	TL 01	10	71	69	67	65	62	60			
LKR	TL 01	20	63	61	59	58	57	56			
LKR	TW A	05	70	68	66	64	61	59			
LKR	TW A	10	74	73	70	68	66	63			
LKR	TW A	20	75	74	72	69	67	65			
LKR	TW A	30	80	80	79	79	78	77			
LKR	TW A	40	100	93	90	87	85	83			
LKR	TW A	50	74	73	70	68	66	63			
LKR	TW B	10	100	93	90	87	85	83			
LKR	TW B	20	70	68	66	64	61	59			
LKR	TW C	10	69	67	65	63	60	59			
LKR	TW C	20	67	65	63	61	59	58			
LKR	TW D	10	66	64	62	60	58	57			
LKR	TW D	20	73	71	69	67	64	62			





2021 Pavement Condition Index

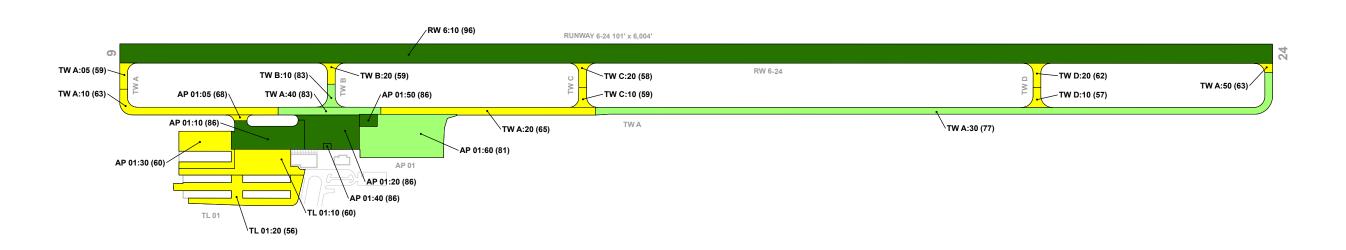
PCI 86-100 Good PCI 71-85 Satisfactory

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)





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





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M&R Overview

An analysis was performed to assess the pavement maintenance and rehabilitation (M&R) needs at LKR 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.

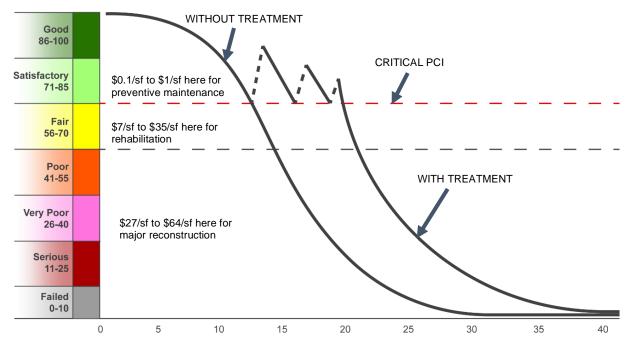


Figure 7 – Pavement Life and the Effect of Treatments

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STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE

LKR - Lancaster County Airport - McWhirter Field

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.

Localized Maintenance Category	Localized Work Type	Rough Estimate of Work Quantity	Work Units	Plar	Planning Material Cost			
	AC Crack Sealing Narrow	18,446	LF	\$	73,830			
Localized Preventive Maintenance	Surface Seal	8,032	SF	\$	7,250			
	PCC Partial-Depth Patching	SF	\$	2,840				
	Localized F	Preventive Maintenan	ce Total =	\$	83,920			
	AC Crack Sealing Narrow	3,117	LF	\$	12,480			
Localized Stopgap Maintenance	AC Crack Sealing Wide	68	LF	\$	860			
	Surface Seal	\$	10					
	Localized Stopgap Maintenance Total =							
	Total Planning-Level I	ocalized Maintenance	e Needs =	\$	97 270			

Table 4 – Localized Maintenance Summary by Policy Type

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 LKR results in a total 5-year cost of \$1.80M. 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**.

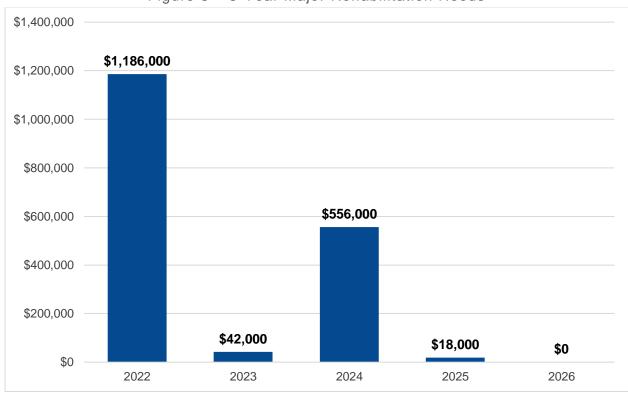


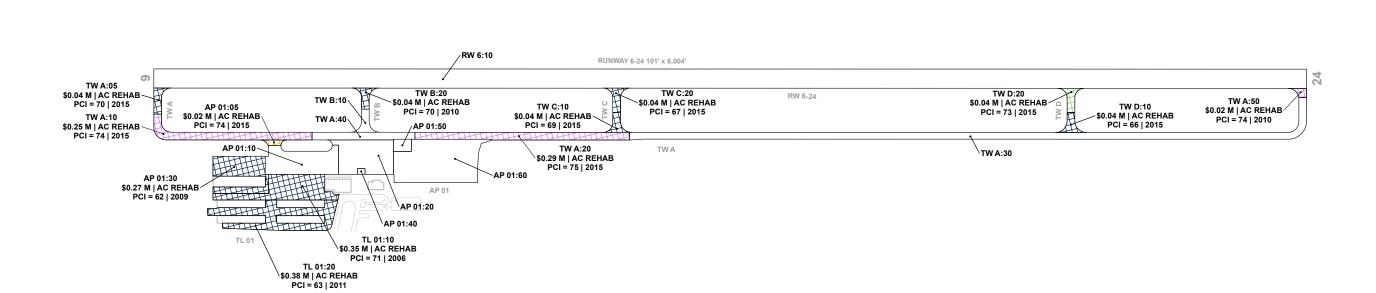
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Table 5 – 5-Year Major Rehabilitation Needs

Program Year	Network ID	Branch ID	Section ID	Surface	Area (SF)	PCI Before	Rehabilitation Type	anning Cost Estimate
2022	LKR	AP 01	30	AC	39,271	62	AC Rehabilitation	\$ 266,000
2022	LKR	TL 01	10	AC	51,680	69	AC Rehabilitation	\$ 349,000
2022	LKR	TL 01	20	AC	55,468	61	AC Rehabilitation	\$ 375,000
2022	LKR	TW A	5	AAC	5,980	68	AC Rehabilitation	\$ 41,000
2022	LKR	TW B	20	AAC	5,473	68	AC Rehabilitation	\$ 37,000
2022	LKR	TW C	10	AAC	5,406	67	AC Rehabilitation	\$ 37,000
2022	LKR	TW C	20	AAC	6,113	65	AC Rehabilitation	\$ 42,000
2022	LKR	TW D	10	AAC	5,705	64	AC Rehabilitation	\$ 39,000
2023	LKR	TW D	20	AAC	6,113	69	AC Rehabilitation	\$ 42,000
2024	LKR	TW A	10	AAC	36,354	68	AC Rehabilitation	\$ 246,000
2024	LKR	TW A	20	AAC	43,143	69	AC Rehabilitation	\$ 292,000
2024	LKR	TW A	50	AAC	2,567	68	AC Rehabilitation	\$ 18,000
2025	LKR	AP 01	5	AAC	2,535	69	AC Rehabilitation	\$ 18,000
				T	otal 5-Yea	r Major Reh	abilitation Needs =	\$ 1,802,000

Figure 8 – 5-Year Major Rehabilitation Needs





5-Year Major Rehabilitation Needs Year 1 Reconstruction Needs

Year 1 Rehabilitation Needs

Year 2 Rehabilitation Needs

Year 3 Rehabilitation Needs
Year 4 Rehabilitation Needs

Year 5 Rehabilitation Needs

M&R COST

BRANCH IDENTIFIER

SECTION IDENTIFIER

TWA:20 M&R WORK TYPE

\$9.38 M | AC RECON PCI = 52 | 1987

PCI LAST MAJOR WORK DATE

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



SECTION I

Appendices

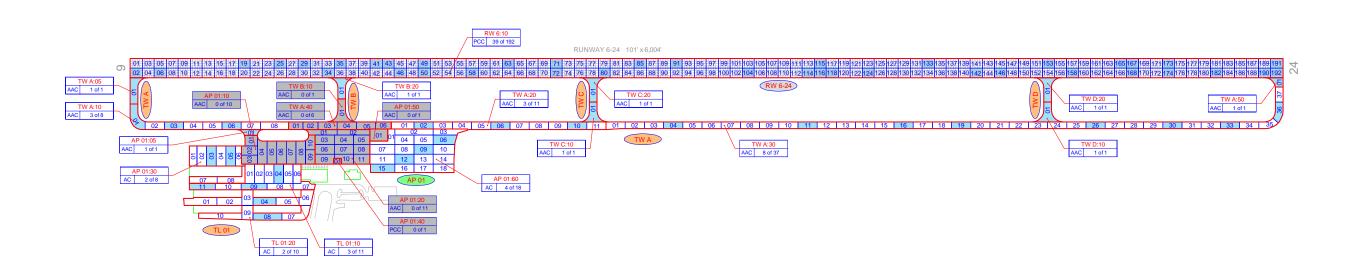




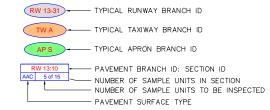
▼ LKR - Lancaster County Airport - McWhirter Field

Appendix A – Exhibits





LEGEND



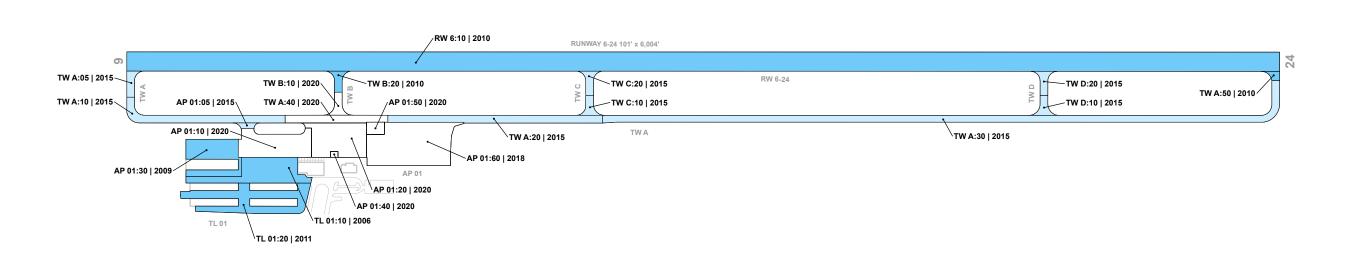
SECTION NOT INSPECTED DUE TO RECENT CONSTRUCTION. SEE ESTIMATED AGE EXHIBIT FOR CONSTRUCTION DATES.

INSPECTED SAMPLE UNITS.

TOTAL SAMPLES INSPECTED = 72 AC: 33 PCC: 39

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





Estimated Age at Inspection

0-5 Years 6-10 Years

11-15 Years 16-20 Years

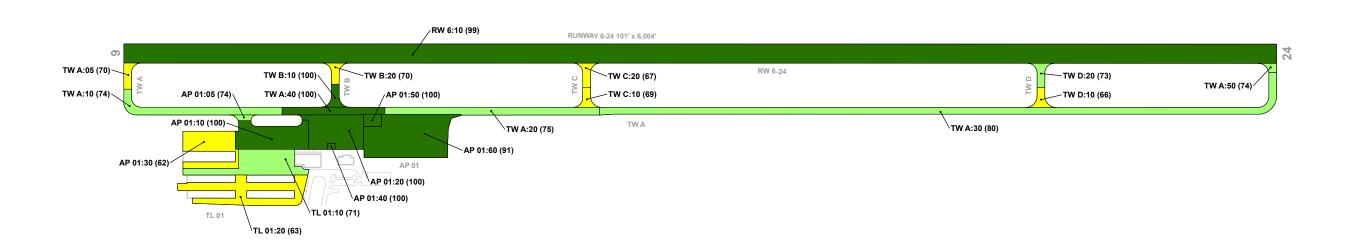
> 20 Years

BRANCH IDENTIFIER
SECTION IDENTIFIER
TWA:20 | 1985

LAST MAJOR WORK DATE

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2021 Pavement Condition Index

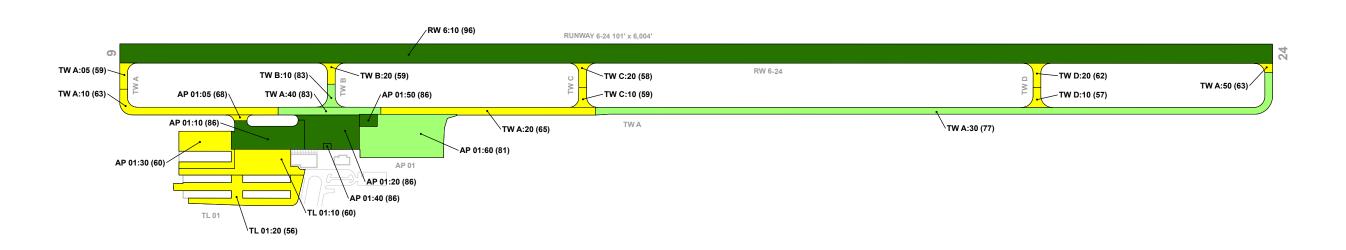
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PCI 56-70 Fair PCI 41-55 Poor PCI 26-40 Very Poor

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BRANCH IDENTIFIER
SECTION IDENTIFIER
TWA:20 (84)





2026 Forecasted Pavement Condition Index

PCI 86-100 Good
PCI 71-85 Satisfactory

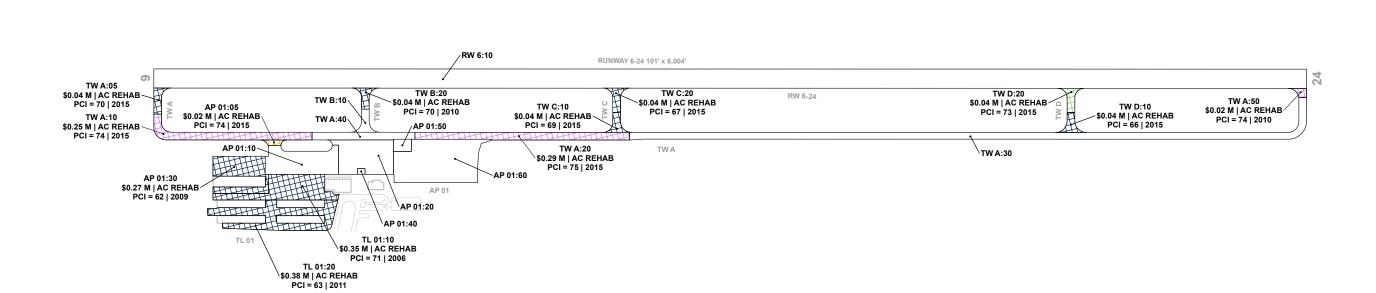
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PCI 26-40 Very Poor
PCI 11-25 Serious

PCI 0-10 Failed

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





5-Year Major Rehabilitation Needs Year 1 Reconstruction Needs

Year 1 Rehabilitation Needs

Year 2 Rehabilitation Needs

Year 3 Rehabilitation Needs
Year 4 Rehabilitation Needs

Year 5 Rehabilitation Needs

M&R COST

BRANCH IDENTIFIER

SECTION IDENTIFIER

TWA:20 M&R WORK TYPE

\$9.38 M | AC RECON PCI = 52 | 1987

PCI LAST MAJOR WORK DATE

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





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Appendix B – Analysis Tables



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Table B1 - System Inventory Data - Section

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface Type	Estimate of Last Construction Date
LKR	AP 01	Apron	05	2,535	AAC	1/1/2015
LKR	AP 01	Apron	10	48,604	AAC	1/1/2020
LKR	AP 01	Apron	20	51,020	AAC	1/1/2020
LKR	AP 01	Apron	30	39,271	AC	1/1/2009
LKR	AP 01	Apron	40	1,200	AC	1/1/2020
LKR	AP 01	Apron	50	5,975	AAC	1/1/2020
LKR	AP 01	Apron	60	95,022	AC	7/1/2018
LKR	RW 6	Runway	10	600,400	PCC	1/1/2010
LKR	TL 01	Taxilane	10	51,680	AC	12/1/2006
LKR	TL 01	Taxilane	20	55,468	AC	1/1/2011
LKR	TW A	Taxiway	05	5,980	AAC	1/1/2015
LKR	TW A	Taxiway	10	36,354	AAC	1/1/2015
LKR	TW A	Taxiway	20	43,143	AAC	1/1/2015
LKR	TW A	Taxiway	30	129,646	AAC	1/1/2015
LKR	TW A	Taxiway	40	20,961	AAC	1/1/2020
LKR	TW A	Taxiway	50	2,567	AAC	1/1/2010
LKR	TW B	Taxiway	10	6,159	AAC	1/1/2020
LKR	TW B	Taxiway	20	5,473	AAC	1/1/2010
LKR	TW C	Taxiway	10	5,406	AAC	1/1/2015
LKR	TW C	Taxiway	20	6,113	AAC	1/1/2015
LKR	TW D	Taxiway	10	5,705	AAC	1/1/2015
LKR	TW D	Taxiway	20	6,113	AAC	1/1/2015

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	7	243,627	90	Good
RW 6	Runway	1	600,400	99	Good
TL 01	Taxilane	2	107,148	67	Fair
TW A	Taxiway	6	238,651	80	Satisfactory
TW B	Taxiway	2	11,632	86	Good
TW C	Taxiway	2	11,519	68	Fair
TW D	Taxiway	2	11,818	70	Fair





LKR - Lancaster County Airport - McWhirter Field

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
LKR	AP 01	Apron	05	2,535	AAC	74	Satisfactory	100	0	0	1	1
LKR	AP 01	Apron	10	48,604	AAC	100	Good	0	0	0	0	0
LKR	AP 01	Apron	20	51,020	AAC	100	Good	0	0	0	0	0
LKR	AP 01	Apron	30	39,271	AC	62	Fair	100	0	0	2	8
LKR	AP 01	Apron	40	1,200	AC	100	Good	0	0	0	0	0
LKR	AP 01	Apron	50	5,975	AAC	100	Good	0	0	0	0	0
LKR	AP 01	Apron	60	95,022	AC	91	Good	100	0	0	4	18
LKR	RW 6	Runway	10	600,400	PCC	99	Good	52	0	48	39	192
LKR	TL 01	Taxilane	10	51,680	AC	71	Satisfactory	99	0	1	3	11
LKR	TL 01	Taxilane	20	55,468	AC	63	Fair	100	0	0	2	10
LKR	TW A	Taxiway	05	5,980	AAC	70	Fair	100	0	0	1	1
LKR	TW A	Taxiway	10	36,354	AAC	74	Satisfactory	100	0	0	3	8
LKR	TW A	Taxiway	20	43,143	AAC	75	Satisfactory	100	0	0	3	11
LKR	TW A	Taxiway	30	129,646	AAC	80	Satisfactory	96	0	4	8	37
LKR	TW A	Taxiway	40	20,961	AAC	100	Good	0	0	0	0	0
LKR	TW A	Taxiway	50	2,567	AAC	74	Satisfactory	100	0	0	1	1
LKR	TW B	Taxiway	10	6,159	AAC	100	Good	0	0	0	0	0
LKR	TW B	Taxiway	20	5,473	AAC	70	Fair	65	0	35	1	1
LKR	TW C	Taxiway	10	5,406	AAC	69	Fair	100	0	0	1	1
LKR	TW C	Taxiway	20	6,113	AAC	67	Fair	100	0	0	1	1
LKR	TW D	Taxiway	10	5,705	AAC	66	Fair	100	0	0	1	1
LKR	TW D	Taxiway	20	6,113	AAC	73	Satisfactory	100	0	0	1	1



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

Network	Branch ID	Section ID	Current		Fore	ecasted	PCI	
ID	Dianchib	Section id	PCI	2022	2023	2024	2025	2026
LKR	AP 01	05	74	73	71	70	69	68
LKR	AP 01	10	100	95	92	90	88	86
LKR	AP 01	20	100	95	92	90	88	86
LKR	AP 01	30	62	62	61	61	60	60
LKR	AP 01	40	100	95	92	90	88	86
LKR	AP 01	50	100	95	92	90	88	86
LKR	AP 01	60	91	89	87	85	83	81
LKR	RW 6	10	99	99	98	98	97	96
LKR	TL 01	10	71	69	67	65	62	60
LKR	TL 01	20	63	61	59	58	57	56
LKR	TW A	05	70	68	66	64	61	59
LKR	TW A	10	74	73	70	68	66	63
LKR	TW A	20	75	74	72	69	67	65
LKR	TW A	30	80	80	79	79	78	77
LKR	TW A	40	100	93	90	87	85	83
LKR	TW A	50	74	73	70	68	66	63
LKR	TW B	10	100	93	90	87	85	83
LKR	TW B	20	70	68	66	64	61	59
LKR	TW C	10	69	67	65	63	60	59
LKR	TW C	20	67	65	63	61	59	58
LKR	TW D	10	66	64	62	60	58	57
LKR	TW D	20	73	71	69	67	64	62



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Appendix C – Maintenance and Rehabilitation Tables



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Table C1 – Localized Maintenance Summary by Policy Type

Localized Maintenance Category	Localized Work Type	Rough Estimate of Work Quantity	Work Units	Plar	nning Material Cost
	AC Crack Sealing Narrow	18,446	LF	\$	73,830
Localized Preventive Maintenance	Surface Seal	8,032	SF	\$	7,250
	PCC Partial-Depth Patching	31	SF	\$	2,840
	Localized F	Preventive Maintenan	ce Total =	\$	83,920
	AC Crack Sealing Narrow	3,117	LF	\$	12,480
Localized Stopgap Maintenance	AC Crack Sealing Wide	68	LF	\$	860
	Surface Seal	SF	\$	10	
	\$	13,350			
	Total Planning-Level L	ocalized Maintenance	e Needs =	\$	97,270

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

Network ID	Branch ID	Section ID	Area (SF)	Start PCI	End PCI	Cost
LKR	AP 01	05	2,535	74	74	\$ -
LKR	AP 01	10	48,604	100	100	\$ -
LKR	AP 01	20	51,020	100	100	\$ -
LKR	AP 01	30	39,271	62	70	\$ 7,010
LKR	AP 01	40	1,200	100	100	\$ -
LKR	AP 01	50	5,975	100	100	\$ -
LKR	AP 01	60	95,022	91	91	\$ 3,420
LKR	RW 6	10	600,400	99	99	\$ 2,840
LKR	TL 01	10	51,680	71	78	\$ 19,140
LKR	TL 01	20	55,468	63	68	\$ 6,080
LKR	TW A	05	5,980	70	70	\$ -
LKR	TW A	10	36,354	74	74	\$ 12,190
LKR	TW A	20	43,143	75	75	\$ 14,050
LKR	TW A	30	129,646	80	80	\$ 28,490
LKR	TW A	40	20,961	100	100	\$ -
LKR	TW A	50	2,567	74	79	\$ 690
LKR	TW B	10	6,159	100	100	\$ -
LKR	TW B	20	5,473	70	70	\$ -
LKR	TW C	10	5,406	69	69	\$ -
LKR	TW C	20	6,113	67	71	\$ 110
LKR	TW D	10	5,705	66	70	\$ 140
LKR	TW D	20	6,113	73	73	\$ 2,300





LKR - Lancaster County Airport - McWhirter Field

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	I ocalized Work Type		Work Unit	Uni	t Cost	Work Cost
LKR	AP 01	05	L&TCR	Low	181	LF	7.1%	Preventive	AC Crack Sealing Narrow	181	LF	\$	4.00	\$ 730
LKR	AP 01	05	WEATHERING	Medium	51	SF	2.0%	Preventive	Surface Seal	51	SF	\$	0.90	\$ 50
LKR	AP 01	60	L&TCR	Low	854	LF	0.9%	Preventive	AC Crack Sealing Narrow	854	LF	\$	4.00	\$ 3,420
LKR	RW 6	10	JOINT SPALL	Medium	5	Slabs	0.1%	Preventive	PCC Partial-Depth Patching	31	SF	\$	90.00	\$ 2,840
LKR	TL 01	10	L&TCR	Low	2,967	LF	5.7%	Preventive	AC Crack Sealing Narrow	2,967	LF	\$	4.00	\$ 11,870
LKR	TL 01	10	L&TCR	Medium	51	LF	0.1%	Preventive	AC Crack Sealing Narrow	51	LF	\$	4.00	\$ 210
LKR	TL 01	10	PATCHING	Low	77	SF	0.2%	Preventive	Surface Seal	116	SF	\$	0.90	\$ 110
LKR	TL 01	10	RAVELING	Low	7,737	SF	15.0%	Preventive	Surface Seal	7,737	SF	\$	0.90	\$ 6,970
LKR	TW A	10	L&TCR	Low	3,046	LF	8.4%	Preventive	AC Crack Sealing Narrow	3,046	LF	\$	4.00	\$ 12,190
LKR	TW A	20	L&TCR	Low	3,511	LF	8.1%	Preventive	AC Crack Sealing Narrow	3,511	LF	\$	4.00	\$ 14,050
LKR	TW A	30	L&TCR	Low	7,122	LF	5.5%	Preventive	AC Crack Sealing Narrow	7,122	LF	\$	4.00	\$ 28,490
LKR	TW A	50	L&TCR	Low	142	LF	5.5%	Preventive	AC Crack Sealing Narrow	142	LF	\$	4.00	\$ 570
LKR	TW A	50	RAVELING	Low	128	SF	5.0%	Preventive	Surface Seal	128	SF	\$	0.90	\$ 120
LKR	TW D	20	L&TCR	Low	573	LF	9.4%	Preventive	AC Crack Sealing Narrow	573	LF	\$	4.00	\$ 2,300
LKR	AP 01	30	L&TCR	Medium	1,752	LF	4.5%	Stopgap	AC Crack Sealing Narrow	1,752	LF	\$	4.00	\$ 7,010
LKR	TL 01	20	L&TCR	Medium	1,306	LF	2.4%	Stopgap	AC Crack Sealing Narrow	1,306	LF	\$	4.00	\$ 5,230
LKR	TL 01	20	L&TCR	High	68	LF	0.1%	Stopgap	AC Crack Sealing Wide	68	LF	\$	12.50	\$ 860
LKR	TW C	20	L&TCR	Medium	25	LF	0.4%	Stopgap	AC Crack Sealing Narrow	25	LF	\$	4.00	\$ 100
LKR	TW C	20	RAVELING	Medium	4	SF	0.1%	Stopgap	Surface Seal	4	SF	\$	0.90	\$ 10
LKR	TW D	10	L&TCR	Medium	34	LF	0.6%	Stopgap	AC Crack Sealing Narrow	34	LF	\$	4.00	\$ 140





LKR - Lancaster County Airport - McWhirter Field

Table C4 – 5-Year Major Rehabilitation Needs

Program Year	Network ID	Branch ID	Section ID	Surface	Area (SF)	PCI Before	Rehabilitation Type	Planning Cos Estimate	
2022	LKR	AP 01	30	AC	39,271	62	AC Rehabilitation	\$	266,000
2022	LKR	TL 01	10	AC	51,680	69	AC Rehabilitation	\$	349,000
2022	LKR	TL 01	20	AC	55,468	61	AC Rehabilitation	\$	375,000
2022	LKR	TW A	5	AAC	5,980	68	AC Rehabilitation	\$ 41,000	
2022	LKR	TW B	20	AAC	5,473	68	AC Rehabilitation	\$ 37,000	
2022	LKR	TW C	10	AAC	5,406	67	AC Rehabilitation	\$ 37,000	
2022	LKR	TW C	20	AAC	6,113	65	AC Rehabilitation	\$	42,000
2022	LKR	TW D	10	AAC	5,705	64	AC Rehabilitation	\$	39,000
2023	LKR	TW D	20	AAC	6,113	69	AC Rehabilitation	\$	42,000
2024	LKR	TW A	10	AAC	36,354	68	AC Rehabilitation	\$	246,000
2024	LKR	TW A	20	AAC	43,143	69	AC Rehabilitation	\$	292,000
2024	LKR	TW A	50	AAC	2,567	68	AC Rehabilitation	\$ 18,000	
2025	LKR	AP 01	5	AAC	2,535	69	AC Rehabilitation	\$ 18,000	
Total 5-Year Major Rehabilitation Needs = \$									1,802,000



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Appendix D – Detailed PCI Results





LKR - Lancaster County Airport - McWhirter Field

AP 01

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area- Weighted Avg PCI	Branch Condition Rating	
AP 01	APRON	7	243,627	90	Good	

Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
05	2,535	AAC	2015	2015	74	Satisfactory	100	0	0
10	48,604	AAC	2020	2020	100	Good	0	0	0
20	51,020	AAC	2020	2020	100	Good	0	0	0
30	39,271	AC	2009	-	62	Fair	100	0	0
40	1,200	AC	2020	-	100	Good	0	0	0
50	5,975	AAC	2020	-	100	Good	0	0	0
60	95,022	AC	2018	-	91	Good	100	0	0





AP 01-05 AP 01-30



AP 01-60





LKR - Lancaster County Airport - McWhirter Field

RW 6

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area- Weighted Avg PCI	Branch Condition Rating	
RW 6	RUNWAY	1	600,400	99	Good	

Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	PCI		PCI % Climate		
10	600,400	PCC	2010	-	99	Good	52	0	48





RW 6-10

RW 6-10





RW 6-10

RW 6-10



LKR - Lancaster County Airport - McWhirter Field

TW A

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area- Weighted Avg PCI	Branch Condition Rating
TW A	TAXIWAY	6	238,651	80	Satisfactory

Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
05	5,980	AAC	2015	2015	70	Fair	100	0	0
10	36,354	AAC	2015	2015	74	Satisfactory	100	0	0
20	43,143	AAC	2015	2015	75	Satisfactory	100	0	0
30	129,646	AAC	2015	2015	80	Satisfactory	96	0	4
40	20,961	AAC	2020	-	100	Good	0	0	0
50	2,567	AAC	2010	-	74	Satisfactory	100	0	0









TW A-20 TW A-30





LKR - Lancaster County Airport - McWhirter Field

TW B

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area- Weighted Avg PCI	Branch Condition Rating
TW B	TAXIWAY	2	11,632	86	Good

Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate		PCI % Other
10	6,159	AAC	2020	-	100	Good	0	0	0
20	5,473	AAC	2010	-	70	Fair	65	0	35





TW B-20 TW B-20

TW C

	Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area- Weighted Avg PCI	Branch Condition Rating
ĺ	TW C	TAXIWAY	2	11,519	68	Fair

Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate		PCI % Other
10	5,406	AAC	2015	2015	69	Fair	100	0	0
20	6,113	AAC	2015	2015	67	Fair	100	0	0





TW C-10 TW C-20





LKR - Lancaster County Airport - McWhirter Field

TW D

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area- Weighted Avg PCI	Branch Condition Rating
TW D	TAXIWAY	2	11,818	70	Fair

Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate		PCI % Other
10	5,705	AAC	2015	2015	66	Fair	100	0	0
20	6,113	AAC	2015	2015	73	Satisfactory	100	0	0





TW D-10 TW D-20



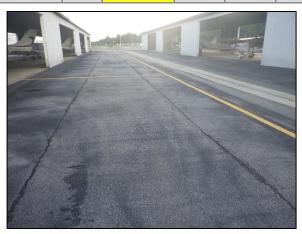
LKR - Lancaster County Airport - McWhirter Field

TL 01

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area- Weighted Avg PCI	Branch Condition Rating
TL 01	TAXILANE	2	107,148	67	Fair

Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	PCI		PCI % Climate		PCI % Other
10	51,680	AC	2006	2013	71	Satisfactory	99	0	1
20	55,468	AC	2011	2015	63	Fair	100	0	0





TL 01-10 TL 01-20



TL 01-20



3

LKR - Lancaster County Airport - McWhirter Field

Appendix E – Re-Inspection Report

Re-Inspection Report

SCAC_2021

Page 1 of 22 Generated Date 5/29/2022

Generated Date	5/29/2022					8
Network: LKR		Name:	Lancaster County A	irport - McWhirter	Field	
Branch: AP 01	Name:	APRON 01	Use:	APRON	Area:	243,627 SqFt
Section: 05	of 7	From: -		То: -		Last Const.: 1/1/2015
Surface: AAC	Family: SC III & IV-A	AP-AC Zone:		Category: G		Rank: S
Area:	2,535 SqFt Length:	200 Ft	Width:	100 Ft		
Slabs:	Slab Length:	Ft Slab	Width:	Ft	Joint Lengt	h: Ft
Shoulder:	Street Type:	Grad	de: 0		Lanes:	0
Section Comments:						
Work Date: 4/1/1983	Work Type: Surf	ace Course - AC (Layer C	Construct) Code	e: SU-AC	Is Majo	or M&R: False
Work Date: 4/1/1983	Work Type: Nev	Construction - Initial	Code	e: NU-IN	Is Majo	or M&R: True
Work Date: 6/1/1985	Work Type: Crac	ck Sealing - AC	Code	e: CS-AC	Is Majo	or M&R: False
Work Date: 6/1/2006	Work Type: Ove	rlay - AC Structural	Code	e: OL-AS	Is Majo	or M&R: True
Work Date: 1/1/2015	Work Type: Ove	rlay - AC Structural	Code	e: OL-AS	Is Majo	or M&R: True
Work Date: 1/2/2015	Work Type: Suri	ace Seal - Rejuvenating	Code	e: SS-RE	Is Majo	or M&R: False
Last Insp. Date: 9/22/	/2021 Total S	Samples: 1	Surveyed:	1		
Conditions: PCI:	74		<i>)</i>			
Inspection Comments:						
Sample Number: 01	Type: R	Area:	2535.00 SqFt	PCI: 74		
Sample Comments:	- , pe. 10			/ 102. /1		
•						
48 L & T CR	L	181.00 Ft				
57 WEATHERING	L	2484.00 SqFt				
57 WEATHERING	M	51.00 SqFt				

						Name: La	ncaster Coun	ity Airpo	OIT - IVIC WII	inter Fleid	·		
Bran	ich: AP 01		Na	ame:	APRON 0)1	Use:	APl	RON	Are	a : 2	43,627 SqFt	
Secti	on: 10	of	f 7	Fr	om: -			,	То: -			Last Const.:	1/1/2020
Surf	ace: AAC	Family:	SC III	& IV-AP-	AC	Zone:		(Category:	G		Rank: S	
Area	:	48,604 SqFt	I	ength:	12	20 Ft	Width:		382 Ft				
Slab	s:	Slab Len	gth:		Ft	Slab Width	:]	Ft		Joint Length:	F	't
Shou	ılder:	Street Ty	vpe:			Grade:	0				Lanes: 0		
Secti	on Comments:												
Wor	k Date: 4/1/1983	Wo	ork Typ	e: New Co	onstruction -	Initial	ı	Code:	NU-IN		Is Major N	M&R: True	
Wor	k Date: 4/1/1983	We	ork Typ	e: Surface	e Course - AC	C (Layer Construc	et)	Code:	SU-AC		Is Major N	M&R: False	
Wor	k Date: 6/1/1985	We	ork Typ	e: Crack S	Sealing - AC		-	Code:	CS-AC		Is Major N	M&R: False	
Wor	k Date: 12/1/200	6 W 6	ork Typ	e: Overlay	y - AC Struct	tural	-	Code:	OL-AS		Is Major N	M&R: True	
Wor	k Date: 1/1/2013	We	ork Typ	e: Surface	e Seal - Rejuv	venating	ı	Code:	SS-RE		Is Major N	M&R: False	
Wor	k Date: 1/1/2020	We	ork Typ	e: Mill an	d Overlay			Code:	ML-OV		Is Major N	M&R: True	
Wor	k Date: 1/2/2020	We	ork Tvn	e Surface	e Seal - Rejuv	vanatina		Code	SS-RE		Is Major N	M&R: False	
WUI	R Dute: 1/2/2020		JP	c. Bullace	Bear Reju	venanng		couc.	DD-KL		15 Major P	viceit. Tuise	
			- · JP			venating					is Major P	- Tuise	
Last	Insp. Date: 4/1		- · JP		nples: 9	:: *** Pre-Consti	Surve	yed: 3			is wiajoi i	Tuise	
Last Cond	Insp. Date: 4/1	4/2016	~ , p		nples: 9		Surve	yed: 3			is Major P	Tuise	
Last Cond Insp	Insp. Date: 4/1- litions: PCI: ection Comments	4/2016 73 ::			nples: 9	E: *** Pre-Consti	Survey	yed: 3		73	IS Major P	Tuise	
Last Cond Inspe	Insp. Date: 4/1	4/2016 73		TotalSan	nples: 9 NOTE	E: *** Pre-Consti	Surve	yed: 3		73	IS Major P		
Last Cond Inspe	Insp. Date: 4/1- ditions: PCI: ection Comments ple Number: 04 ple Comments:	4/2016 73 ::	oe:	TotalSan	nples: 9 NOTE	a: 600	Survey	yed: 3		73	is Major P		
Last Cond Inspe Sam Sam	Insp. Date: 4/1- ditions: PCI: ection Comments ple Number: 04 ple Comments: LONGITUDIN CRACKING RAVELING	4/2016 73 :: Typ	oe: SE L L	TotalSan	nples: 9 NOTE Area 373.00 Ft 900.00 Sq	a: 600	Survey	yed: 3		73	IS Major P		
Last Cond Inspe Samp Samp 48	Insp. Date: 4/1- ditions: PCI: ection Comments ple Number: 04 ple Comments: LONGITUDIN CRACKING	4/2016 73 :: Typ	oe: SE L	TotalSan	NOTE Area 373.00 Ft	a: 600	Survey	yed: 3	PCI:		is Major P		
Last Cond Inspe Samp Samp 48	Insp. Date: 4/1- ditions: PCI: ection Comments ple Number: 04 ple Comments: LONGITUDIN CRACKING RAVELING WEATHERING ple Number: 05	4/2016 73 :: Typ FAL/TRANSVERS	oe: SE L L L	TotalSan	nples: 9 NOTE Area 373.00 Ft 900.00 Sq	a: 600	Survey	yed: 3			IS Major P		
Last Cond Samp Samp 48	Insp. Date: 4/1- ditions: PCI: ection Comments ple Number: 04 ple Comments: LONGITUDIN CRACKING RAVELING WEATHERING	4/2016 73 :: Typ FAL/TRANSVERS	oe: SE L L L	TotalSan	nples: 9 NOTE Area 373.00 Ft 900.00 Sq 5100.00 Sq	a: 600	Survey ruction PCI 00.00 SqFt	yed: 3	PCI:		IS Major P		
Last Cond Inspe Samp Samp 48	Insp. Date: 4/1- ditions: PCI: ection Comments ple Number: 04 ple Comments: LONGITUDIN CRACKING RAVELING WEATHERING ple Number: 05 ple Comments: LONGITUDIN	4/2016 73 :: Typ FAL/TRANSVERS	SE L L L	TotalSan	nples: 9 NOTE Area 373.00 Ft 900.00 Sq 5100.00 Sq	a: 600	Survey ruction PCI 00.00 SqFt	yed: 3	PCI:		IS Major P		
Last Cond Sam Sam 48 52 57 Sam Sam 48	Insp. Date: 4/1- ditions: PCI: ection Comments ple Number: 04 ple Comments: LONGITUDIN CRACKING RAVELING WEATHERING ple Number: 05 ple Comments: LONGITUDIN CRACKING RAVELING	4/2016 73 :: Typ AL/TRANSVERS G Typ	De: L L L De:	R R	nples: 9 NOTE Area 373.00 Ft 900.00 Sq 5100.00 Sq Area 305.00 Ft 900.00 Sq	a: 600	Survey ruction PCI 00.00 SqFt	yed: 3	PCI:		IS Major P		
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Last Cond Inspe Samp 48 52 57 Samp Samp 48 52 57 Samp Samp Samp Samp 52 57 Samp Samp Samp Samp Samp Samp Samp Samp	Insp. Date: 4/1- ditions: PCI: ection Comments ple Number: 04 ple Comments: LONGITUDIN CRACKING RAVELING WEATHERING ple Number: 05 ple Comments: LONGITUDIN CRACKING RAVELING WEATHERING WEATHERING WEATHERING WEATHERING	4/2016 73 Typ AL/TRANSVERS G Typ	De: L L L De: L L L L L L L L L L L L L L L L L L L	R R	nples: 9 NOTE Area 373.00 Ft 900.00 Sq 5100.00 Sq Area 305.00 Ft 900.00 Sq	a: 600 IFt IFt a: 600	Survey ruction PCI 00.00 SqFt	yed: 3	PCI:	75	IS Major P		
Last Condinsposed Samp Samp 48 52 57 Samp 48 52 57 Samp 52 57	Insp. Date: 4/1- ditions: PCI: ection Comments ple Number: 04 ple Comments: LONGITUDIN CRACKING RAVELING WEATHERING ple Number: 05 ple Comments: LONGITUDIN CRACKING RAVELING WEATHERING WEATHERING WEATHERING	4/2016 73 Typ AL/TRANSVERS G Typ	De: L L L De: L L L L L L L L L L L L L L L L L L L	R R	nples: 9 NOTE Area 373.00 Ft 900.00 Sq 5100.00 Sq Area 305.00 Ft 900.00 Sq 5100.00 Sq	a: 600 IFt IFt a: 600	Survey ruction PCI 00.00 SqFt	yed: 3	PCI:	75	IS Major P		
Last Cond Inspector Samp Samp 48 52 57 Samp Samp Samp 52 57 Samp Samp 52 57 Samp 52 57	Insp. Date: 4/1- ditions: PCI: ection Comments ple Number: 04 ple Comments: LONGITUDIN CRACKING RAVELING WEATHERING ple Number: 05 ple Comments: LONGITUDIN CRACKING RAVELING WEATHERING WEATHERING WEATHERING Ple Number: 07 ple Comments:	4/2016 73 Typ AL/TRANSVERS G Typ	De: SE L L L L De: L L L L L L L L L L L L L L L L L L	R R	nples: 9 NOTE Area 373.00 Ft 900.00 Sq 5100.00 Sq Area 305.00 Ft 900.00 Sq 5100.00 Sq	a: 600 a: 600 a: 600 a: 600 a: 600	Survey ruction PCI 00.00 SqFt	yed: 3	PCI:	75	IS Major P		
Last Cond Inspector Samp 48 52 57 Samp 48 52 57 Samp 52 Samp 52 Samp 53 Samp 54 Samp 55 Samp 5	Insp. Date: 4/1- ditions: PCI: ection Comments ple Number: 04 ple Comments: LONGITUDIN CRACKING RAVELING WEATHERING ple Number: 05 ple Comments: LONGITUDIN CRACKING RAVELING WEATHERING WEATHERING WEATHERING DIE Number: 07 ple Comments:	4/2016 73 :: Typ AL/TRANSVERS G Typ AL/TRANSVERS	De: SE L L L L De: L L L L L L L L L L L L L L L L L L	R R	nples: 9 NOTE Area 373.00 Ft 900.00 Sq 5100.00 Sq Area 305.00 Ft 900.00 Sq 5100.00 Sq Area	a: 600 AFT AE AE AE AE AE AE AE AE AE A	Survey ruction PCI 00.00 SqFt	yed: 3	PCI:	75	IS Major P		

	ork: LKR					Name: L	ancaster Cour	шу Апр		inter racio	<u> </u>		
Bran	ch: AP 01		Na	ame:	APRON	01	Use	: AP	RON	Are	a : 2	43,627 SqFt	
Secti	on: 20	of	7	Fr	om: -				То: -			Last Const.:	1/1/2020
Surf	ace: AAC	Family:	SC III	& IV-AP-	-AC	Zone:			Category:	G		Rank: P	
Area	: 5	51,020 SqFt	L	Length:	1	179 Ft	Width:		286 Ft				
Slab	s:	Slab Leng	th:		Ft	Slab Widtl	h:		Ft		Joint Length:	F	⁷ t
Shou	lder:	Street Typ	e:			Grade:	0				Lanes: 0		
Secti	on Comments:												
Wor	k Date: 8/1/1970	Woi	rk Typ	e: New C	onstruction -	- Initial		Code:	NU-IN		Is Major N	M&R: True	
Wor	k Date: 8/1/1970	Woi	rk Typ	e: Surface	e Course - A	C (Layer Constru	ict)	Code:	SU-AC		Is Major N	M&R: False	
Wor	k Date: 6/1/1985	Woi	rk Typ	e: Crack	Sealing - AC			Code:	CS-AC		Is Major N	M&R: False	
Wor	k Date: 12/1/2006	Woı	k Typ	e: Overla	y - AC Struc	ctural		Code:	OL-AS		Is Major N	M&R: True	
Wor	k Date: 1/1/2013	Woi	rk Typ	e: Surface	e Seal - Reju	ivenating		Code:	SS-RE		Is Major N	M&R: False	
Wor	k Date: 1/1/2020	Woı	k Typ	e: Mill an	nd Overlay			Code:	ML-OV		Is Major N	M&R: True	
	k Date: 1/2/2020	Wor	·k Tvn	or Cumfood	o Cool Dain			Codor	SS-RE		I. Maian	M&R: False	
Wor	K Date. 1/2/2020	*****	хтур	e: Surrace	e Seal - Reju	ivenating		Coue:	SS-KE		is Major P	vicer. Taise	
			- т тур			ivenating					is Major P	vicer. Taise	
Last	Insp. Date: 4/14/		атур		mples: 9		Surve	yed: 3			is wiajor r	Taise	
Last Cond	Insp. Date: 4/14/	2016	лтур		mples: 9	E: *** Pre-Cons	Surve	yed: 3			is Major P	vice. Taise	
Last Cond Insp	Insp. Date: 4/14/ litions: PCI: ection Comments:	2016 74			mples: 9	E: *** Pre-Cons	Surve truction PCI	yed: 3		72	is major r	vice. Taise	
Last Cond Inspe	Insp. Date: 4/14/	2016		TotalSar	nples: 9 NOTI	E: *** Pre-Cons	Surve	yed: 3		72	is major r	Take. Take	
Last Cond Inspe	Insp. Date: 4/14/ litions: PCI: ection Comments: ple Number: 01 ple Comments:	2016 74	:	TotalSar	nples: 9 NOTI	E: *** Pre-Const	Surve truction PCI	yed: 3		72	is major r	Take. Taise	
Last Cond Inspe Sam Sam	Insp. Date: 4/14/ litions: PCI: ection Comments: ple Number: 01 ple Comments: LONGITUDINA CRACKING RAVELING	2016 74 Type	: E L	TotalSar R	nples: 9 NOTI Are 310.00 Ft	E: *** Pre-Constant a: 4' t	Surve truction PCI	yed: 3		72	is major r	Talse	
Last Cond Inspe Samp Samp 48	Insp. Date: 4/14/ litions: PCI: ection Comments: ple Number: 01 ple Comments: LONGITUDINA CRACKING	2016 74 Type	: E L L	TotalSar R	NOTI Are	E: *** Pre-Constant a: 4' t	Surve truction PCI	yed: 3	PCI:		is major r	Talse	
Last Cond Inspe Samp Samp 48	Insp. Date: 4/14/ litions: PCI: ection Comments: ple Number: 01 ple Comments: LONGITUDINA CRACKING RAVELING WEATHERING ple Number: 05	2016 74 Type	: E L L	TotalSar R	nples: 9 NOTI Are 310.00 Ft	E: *** Pre-Const	Surve truction PCI	yed: 3			is major r	Talse	
Last Cond Samp Samp 48	Insp. Date: 4/14/ litions: PCI: ection Comments: ple Number: 01 ple Comments: LONGITUDINA CRACKING RAVELING WEATHERING	2016 74 Type L/TRANSVERSI	: E L L	TotalSar R	nples: 9 NOTI Are 310.00 Fr 710.00 Sc 4023.00 Sc	E: *** Pre-Const	Surve truction PCI 733.00 SqFt	yed: 3	PCI:		is major r	Talse	
Last Cond Samp Samp 48 52 57 Samp Samp	Insp. Date: 4/14/ litions: PCI: ection Comments: ple Number: 01 ple Comments: LONGITUDINA CRACKING RAVELING WEATHERING ple Number: 05 ple Comments: LONGITUDINA	2016 74 Type L/TRANSVERSI	: E L L L	TotalSar R	nples: 9 NOTI Are 310.00 Fr 710.00 Sc 4023.00 Sc	E: *** Pre-Constant a: 4' t qFt qFt south a: 50	Surve truction PCI 733.00 SqFt	yed: 3	PCI:		is major r	Talse	
Last Cond Sam Sam 48 52 57 Sam Sam 48	Insp. Date: 4/14/ litions: PCI: ection Comments: ple Number: 01 ple Comments: LONGITUDINA CRACKING RAVELING WEATHERING ple Number: 05 ple Comments: LONGITUDINA CRACKING RAVELING	2016 74 Type L/TRANSVERSI	: E L L L	R R	mples: 9 NOTI Are 310.00 Fr 710.00 Sr 4023.00 Sr Are 143.00 Fr 750.00 Sr	E: *** Pre-Const a: 4' t qFt qFt t qFt	Surve truction PCI 733.00 SqFt	yed: 3	PCI:		IS MIAJOF P	Talse	
Last Conc Inspe Sam Sam 48 52 57 Sam Sam Sam 52 57	Insp. Date: 4/14/ litions: PCI: ection Comments: ple Number: 01 ple Comments: LONGITUDINA CRACKING RAVELING WEATHERING ple Number: 05 ple Comments: LONGITUDINA CRACKING RAVELING WEATHERING	2016 74 Type L/TRANSVERSI Type L/TRANSVERSI	: L L :	R R	nples: 9 NOTI Are 310.00 Fr 710.00 Sr 4023.00 Sr Are	E: *** Pre-Constant a: 4' t qFt qFt t qFt qFt	Surve truction PCI 733.00 SqFt	yed: 3	PCI:	78	is major r	Talse	
Last Conc Inspe Samp 48 52 57 Samp Samp 48	Insp. Date: 4/14/ litions: PCI: ection Comments: ple Number: 01 ple Comments: LONGITUDINA CRACKING RAVELING WEATHERING ple Number: 05 ple Comments: LONGITUDINA CRACKING RAVELING	2016 74 Type L/TRANSVERSI	: L L :	R R	mples: 9 NOTI Are 310.00 Fr 710.00 Sr 4023.00 Sr Are 143.00 Fr 750.00 Sr	E: *** Pre-Constant a: 4' t qFt qFt t qFt qFt	Surve truction PCI 733.00 SqFt	yed: 3	PCI:	78	IS MIAJOF P	Talse	
Last Condinsposed Samp Samp 48 52 57 Samp 48 52 57 Samp 52 57	Insp. Date: 4/14/ litions: PCI: ection Comments: ple Number: 01 ple Comments: LONGITUDINA CRACKING RAVELING WEATHERING ple Number: 05 ple Comments: LONGITUDINA CRACKING RAVELING WEATHERING	2016 74 Type L/TRANSVERSI Type L/TRANSVERSI	: L L :	R R	nples: 9 NOTI Are 310.00 Ft 710.00 St 4023.00 St Are 143.00 Ft 750.00 St 4250.00 St	E: *** Pre-Constant a: 4' t qFt qFt t qFt qFt	Surve truction PCI 733.00 SqFt	yed: 3	PCI:	78	IS MIAJOF P	Talse	
Last Cond Inspe Samp 48 52 57 Samp Samp 48 52 57 Samp Samp Samp Samp 52 57 Samp Samp Samp Samp Samp Samp Samp Samp	Insp. Date: 4/14/ ditions: PCI: ection Comments: ple Number: 01 ple Comments: LONGITUDINA CRACKING RAVELING WEATHERING ple Number: 05 ple Comments: LONGITUDINA CRACKING RAVELING WEATHERING WEATHERING WEATHERING WEATHERING	2016 74 Type L/TRANSVERSI Type Type	: L L L L L L L L L	R R	nples: 9 NOTI Are 310.00 Ft 710.00 St 4023.00 St Are 143.00 Ft 750.00 St 4250.00 St	E: *** Pre-Consultation of the consultation of	Surve truction PCI 733.00 SqFt	yed: 3	PCI:	78	IS MIAJOF P	Talse	
Last Cond Inspector Samp 48 52 57 Samp 48 52 57 Samp 52 Samp 52 Samp 53 Samp 54 Samp 55 Samp 5	Insp. Date: 4/14/ litions: PCI: ection Comments: ple Number: 01 ple Comments: LONGITUDINA CRACKING RAVELING WEATHERING ple Number: 05 ple Comments: LONGITUDINA CRACKING RAVELING WEATHERING WEATHERING WEATHERING UEATHERING WEATHERING Ple Number: 09 ple Comments: LONGITUDINA	2016 74 Type L/TRANSVERSI Type Type	: L L L L L L L L L	R R	nples: 9 NOTI Are 310.00 Ft 710.00 St 4023.00 St Are 143.00 Ft 750.00 St 4250.00 St	E: *** Pre-Consider: ta: 4' tt qFt qFt qFt qFt qFt qFt tt qFt qFt	Surve truction PCI 733.00 SqFt	yed: 3	PCI:	78	IS MIAJOF P	Talse	

Netw	vork: LKR			Nan	ne: Lancaster Count	y Airport - McWhirt	er Field		
Bran	nch: AP 01		Name:	APRON 01	Use:	APRON	Area:	243,627 SqFt	
Secti	ion: 30	of	7	From: -		То: -		Last Const.:	1/1/2009
Surfa	ace: AC	Family: S	SC III & IV-A	AP-AC Zon	e:	Category:		Rank: S	
Area	39,27	71 SqFt	Length:	272 F	t Width:	104 Ft			
Slabs	s:	Slab Lengtl	h:	Ft	Slab Width:	Ft	Joint Le	ength: Ft	
Shou	ılder:	Street Type	e:		Grade: 0		Lanes:	0	
Secti	on Comments:								
Wor	k Date: 1/1/2009	Worl	k Type: Nev	v Construction - Init	ial C	Code: NU-IN	Is M	Major M&R: True	
Last	Insp. Date: 9/22/202	1	Totals	Samples: 8	Surveyo	ed: 2			
Conc	ditions: PCI: 62								
Inspe	ection Comments:								
Samj	ple Number: 03	Type:	R	Area:	5200.00 SqFt	PCI: 5	58		
Samj	ple Comments:								
48	L & T CR		L	76.00 Ft					
48	L & T CR		M	332.00 Ft					
52 57	RAVELING		L	520.00 SqFt					
	WEATHERING	Т	L	4680.00 SqFt	5200 00 C-E4	DCI. (
-	ple Number: 05	Type:	R	Area:	5200.00 SqFt	PCI: 6) /		
Samj	ple Comments:								
48	L & T CR		L	256.00 Ft					
48	L & T CR		M	132.00 Ft					
52 57	RAVELING		L	520.00 SqFt					
31	WEATHERING		L	4680.00 SqFt					

Network: LKR		Name:	Lancaster County	Airport - McWhirter F	ield	
Branch: AP 01	Name:	APRON 01	Use:	APRON	Area: 243,627	SqFt
Section: 60	of 7	From: -		То: -	Last	Const.: 7/1/2018
Surface: AC	Family: SC III & IV-	AP-AC Zone:		Category:	Rank	: P
Area: 95,022	2 SqFt Length	: 227 Ft	Width:	438 Ft		
Slabs:	Slab Length:	Ft Slal	Width:	Ft	Joint Length:	Ft
Shoulder:	Street Type:	Gra	de: 0		Lanes: 0	
Section Comments:						
Work Date: 7/1/2018	Work Type: Ne	w Construction - AC	Co	ode: NC-AC	Is Major M&R:	True
Work Date: 7/2/2018	Work Type: Sub	bbase-Lime Stabilized	Co	ode: SB-LS	Is Major M&R:	False
Work Date: 7/3/2018	Work Type: Bas	se Course - Aggregate	Co	ode: BA-AG	Is Major M&R:	False
Work Date: 7/4/2021	Work Type: Sur	face Course - AC (Layer	Construct) Co	ode: SU-AC	Is Major M&R:	False
Last Insp. Date: 9/22/2021	Total	Samples: 18	Surveye	d: 4		
Conditions: PCI: 91						
Inspection Comments:						
Sample Number: 06	Type: R	Area:	5889.00 SqFt	PCI: 88		
Sample Comments:						
48 L & T CR	L	104.00 Ft				
57 WEATHERING	L	5889.00 SqFt				
Sample Number: 09	Type: R	Area:	5000.00 SqFt	PCI: 88		
Sample Comments:						
48 L & T CR	L	90.00 Ft				
57 WEATHERING	L	5000.00 SqFt				
Sample Number: 12	Type: R	Area:	5200.00 SqFt	PCI: 94		
Sample Comments:						
57 WEATHERING	L	5200.00 SqFt				
Sample Number: 15	Type: R	Area:	5507.00 SqFt	PCI: 94		
Sample Comments:						

WEATHERING

57

L 5507.00 SqFt

Network: LKR		Name:	Lancaster County Airp	port - McWhirter Fie	ld
Branch: RW 6	Name:	RUNWAY 6/24	Use: RU	UNWAY Ar	rea: 600,400 SqFt
Section: 10	of 1 Fro	om: -		То: -	Last Const.: 1/1/2010
	mily: SC III & IV-PCC	Zone:		Category: G	Rank: P
Area: 600,400 Sq.		3,300 Ft	Width:	100 Ft	
	lab Length:		Width: 12	Ft	Joint Length: 49,400 Ft
Shoulder: Str Section Comments:	treet Type:	Grad	le: 0		Lanes: 0
	W. J. T. at Dogo Co		Codo	DA AC	T. M. 1. MOD. E.L.
Work Date: 5/1/1971	Work Type: Base Co			BA-AG	Is Major M&R: False
Work Date: 5/1/1971		Course - AC (Layer Co		SU-AC	Is Major M&R: False
Work Date: 1/1/1992	Work Type: OVERL			OL-AT	Is Major M&R: False
Work Date: 1/1/1992	Work Type: New Co			NU-IN	Is Major M&R: True
Work Date: 1/1/2010	Work Type: Overlay	-PCC	Code:	OL-PCC	Is Major M&R: True
Last Insp. Date: 9/22/2021	TotalSam	192	Surveyed: 3	39	
Conditions: PCI: 99					
Inspection Comments:					
Sample Number: 02	Type: R	Area:	20.00 Slabs	PCI: 97	
Sample Comments:	_				
74 JOINT SPALL Sample Number 06	L Tymes P	2.00 Slabs	20.00 Slabs	PCI: 100	
Sample Number: 06 Sample Comments:	Type: R	Area:	20.00 Stabs	PCI: 100	
Sample Comments: <no distress=""></no>					
<no distress=""> Sample Number: 104</no>	Type: R	Area:	20.00 Slabs	PCI: 97	
Sample Comments:	Type.	SOU	JTH CAROLIN/	A	
74 JOINT SPALL	L	2.00 Slabs			
Sample Number: 114	Type: R	Area:	20.00 Slabs	PCI: 98	
Sample Comments:	-v E -		-		
74 JOINT SPALL	L	1.00 Slabs			
Sample Number: 115	Type: R	Area:	20.00 Slabs	PCI: 100	
Sample Comments:	•				
<no distress=""></no>					
Sample Number: 116	Type: R	Area:	20.00 Slabs	PCI: 98	
Sample Comments:					
75 CORNER SPALL	L	1.00 Slabs			
Sample Number: 118	Type: R	Area:	20.00 Slabs	PCI: 98	
Sample Comments:					
74 JOINT SPALL	L	1.00 Slabs			
Sample Number: 124	Type: R	Area:	20.00 Slabs	PCI: 100	
Sample Comments:					
<no distress=""></no>					
Sample Number: 133	Type: R	Area:	20.00 Slabs	PCI: 100	
Sample Comments:					
<no distress=""></no>			22.00.01.1		
Sample Number: 142	Type: R	Area:	20.00 Slabs	PCI: 99	
Sample Comments:	-				
66 SMALL PATCH	L	1.00 Slabs			

Sample Number: 146	Type:	R	Area:	20.00 Slabs	PCI:	100
Sample Comments:						
<no distress=""></no>						
Sample Number: 153	Type:	R	Area:	20.00 Slabs	PCI:	94
Sample Comments:						
74 JOINT SPALL75 CORNER SPALL		M	1.00 Slabs 1.00 Slabs			
Sample Number: 158	Type:	R	Area:	20.00 Slabs	PCI:	100
Sample Comments:						
<no distress=""></no>						
Sample Number: 165	Type:	R	Area:	20.00 Slabs	PCI:	100
Sample Comments:						
<no distress=""></no>						
Sample Number: 167	Type:	R	Area:	20.00 Slabs	PCI:	100
Sample Comments:						
<no distress=""></no>						
Sample Number: 168	Type:	R	Area:	20.00 Slabs	PCI:	100
Sample Comments:						
<no distress=""></no>						
Sample Number: 173	Type:	R	Area:	20.00 Slabs	PCI:	98
Sample Comments:						
74 JOINT SPALL	I	_	1.00 Slabs			
Sample Number: 174	Туре:	R	Area:	20.00 Slabs	PCI:	100
Sample Comments:						
<no distress=""></no>						
Sample Number: 182	Type:	R	Area:	20.00 Slabs	PCI:	100
Sample Comments:						
<no distress=""></no>						
Sample Number: 19	Type:	R	Area:	20.00 Slabs	PCI:	100
Sample Comments:						
<no distress=""></no>						
Sample Number: 190	Type:	R	Area:	20.00 Slabs	PCI:	100
Sample Comments:						
<no distress=""></no>						
Sample Number: 191	Type:	R	Area:	24.00 Slabs	PCI:	98
Sample Comments:						
65 JT SEAL DMG	I	_	24.00 Slabs			
Sample Number: 192	Туре:	R	Area:	24.00 Slabs	PCI:	100
Sample Comments:						
<no distress=""></no>						
Sample Number: 25	Туре:	R	Area:	20.00 Slabs	PCI:	100
Sample Comments:						
<no distress=""></no>						
Sample Number: 29	Type:	R	Area:	20.00 Slabs	PCI:	100
Sample Comments:						
<no distress=""></no>						
Sample Number: 34	Туре:	R	Area:	20.00 Slabs	PCI:	100
Sample Comments:						
<no distress=""></no>						

Sample Number: 35 Sample Comments: <no distress=""> Sample Number: 41 Sample Comments: <no distress=""> Sample Number: 43 Sample Comments: 74 JOINT SPALL 75 CORNER SPALL Sample Number: 46 Sample Comments: <no distress=""> Sample Number: 49 Sample Comments: <no distress=""> Sample Number: 50 Sample Comments: <no distress=""> Sample Number: 50 Sample Comments: <no distress=""> Sample Number: 50 Sample Comments: <no distress=""> Sample Number: 58</no></no></no></no></no></no></no>		R R R L L R	Area: Area: 1.00 Slabs 2.00 Slabs Area:	20.00 Slabs 20.00 Slabs 20.00 Slabs	PCI: PCI:	100
<no distress=""> Sample Number: 41 Sample Comments: <no distress=""> Sample Number: 43 Sample Comments: 74 JOINT SPALL 75 CORNER SPALL Sample Number: 46 Sample Comments: <no distress=""> Sample Number: 49 Sample Comments: <no distress=""> Sample Number: 50 Sample Comments: <no distress=""> Sample Number: 50 Sample Comments: <no distress=""></no></no></no></no></no></no>	Type:	R L L	Area: 1.00 Slabs 2.00 Slabs			
Sample Number: 41 Sample Comments: <no distress=""> Sample Number: 43 Sample Comments: 74 JOINT SPALL 75 CORNER SPALL Sample Number: 46 Sample Comments: <no distress=""> Sample Number: 49 Sample Comments: <no distress=""> Sample Number: 50 Sample Comments: <no distress=""></no></no></no></no>	Type:	R L L	Area: 1.00 Slabs 2.00 Slabs			
Sample Comments: <no distress=""> Sample Number: 43 Sample Comments: 74 JOINT SPALL 75 CORNER SPALL Sample Number: 46 Sample Comments: <no distress=""> Sample Number: 49 Sample Comments: <no distress=""> Sample Number: 50 Sample Comments: <no distress=""> Sample Number: 50 Sample Comments: <no distress=""></no></no></no></no></no>	Type:	R L L	Area: 1.00 Slabs 2.00 Slabs			
<no distress=""> Sample Number: 43 Sample Comments: 74 JOINT SPALL 75 CORNER SPALL Sample Number: 46 Sample Comments: <no distress=""> Sample Number: 49 Sample Comments: <no distress=""> Sample Number: 50 Sample Comments: <no distress=""> Sample Number: 50 Sample Comments: <no distress=""></no></no></no></no></no>	Type:	L L	1.00 Slabs 2.00 Slabs	20.00 Slabs	PCI:	94
Sample Number: 43 Sample Comments: 74 JOINT SPALL 75 CORNER SPALL Sample Number: 46 Sample Comments: <no distress=""> Sample Number: 49 Sample Comments: <no distress=""> Sample Number: 50 Sample Comments: <no distress=""></no></no></no>	Type:	L L	1.00 Slabs 2.00 Slabs	20.00 Slabs	PCI:	94
Sample Comments: 74 JOINT SPALL 75 CORNER SPALL Sample Number: 46 Sample Comments: <no distress=""> Sample Comments: <no distress=""> Sample Number: 50 Sample Comments: <no distress=""></no></no></no>	Type:	L L	1.00 Slabs 2.00 Slabs	20.00 Slabs	PCI:	94
74 JOINT SPALL 75 CORNER SPALL Sample Number: 46 Sample Comments: <no distress=""> Sample Number: 49 Sample Comments: <no distress=""> Sample Number: 50 Sample Comments: <no distress=""></no></no></no>	Type:	L	2.00 Slabs			
75 CORNER SPALL Sample Number: 46 Sample Comments: <no distress=""> Sample Number: 49 Sample Comments: <no distress=""> Sample Number: 50 Sample Comments: <no distress=""></no></no></no>	Type:	L	2.00 Slabs			
Sample Number: 46 Sample Comments: <no distress=""> Sample Number: 49 Sample Comments: <no distress=""> Sample Number: 50 Sample Comments: <no distress=""></no></no></no>	Type:					
Sample Comments: <no distress=""> Sample Number: 49 Sample Comments: <no distress=""> Sample Number: 50 Sample Comments: <no distress=""></no></no></no>		R	Area:			
<no distress=""> Sample Number: 49 Sample Comments: <no distress=""> Sample Number: 50 Sample Comments: <no distress=""></no></no></no>	Type:			20.00 Slabs	PCI:	100
Sample Number: 49 Sample Comments: <no distress=""> Sample Number: 50 Sample Comments: <no distress=""></no></no>	Type:					
Sample Comments: <no distress=""> Sample Number: 50 Sample Comments: <no distress=""></no></no>	Type:					
<no distress=""> Sample Number: 50 Sample Comments: <no distress=""></no></no>		R	Area:	20.00 Slabs	PCI:	100
Sample Number: 50 Sample Comments: <no distress=""></no>						
Sample Comments: <no distress=""></no>						
<no distress=""></no>	Type:	R	Area:	20.00 Slabs	PCI:	100
Sample Number: 58						
Sample Number. 36	Type:	R	Area:	20.00 Slabs	PCI:	100
Sample Comments:						
<no distress=""></no>						
Sample Number: 63	Type:	R	Area:	20.00 Slabs	PCI:	100
Sample Comments:						
<no distress=""></no>						
Sample Number: 71	Type:	R	Area:	20.00 Slabs	PCI:	100
Sample Comments:						
<no distress=""></no>						
Sample Number: 72	Type:	R	Area:	20.00 Slabs	PCI:	100
Sample Comments:						
<no distress=""></no>						
Sample Number: 80	Type:	R	Area:	20.00 Slabs	PCI:	98
Sample Comments:						
74 JOINT SPALL		L	1.00 Slabs			
Sample Number: 85	Type:	R	Area:	20.00 Slabs	PCI:	100
Sample Comments:						
<no distress=""></no>						
Sample Number: 91		R	A =	20.00.01.1		
Sample Comments:	Type:		Area:	20.00 Slabs	PCI:	100

<No Distress>

Network: LKR		Name:		Airport - McWhir		10=116 = =	
Branch: TL 01	Name:	TAXILANE 01	Use:	TAXILANE	Area:	107,148 SqFt	
Section: 10	of 2	From: -		To: -		Last Const.: 12/1	/200
Surface: AC	Family: SC III & IV	-TW-TL-AC Zone:		Category: C	i	Rank: T	
Area: 51,680	SqFt Lengt	h: 1,500 Ft	Width:	50 Ft			
Slabs:	Slab Length:	Ft Sla	b Width:	Ft	Joint	Length: Ft	
Shoulder:	Street Type:	Gr	ade: 0		Lanes	s: 0	
Section Comments:							
Work Date: 6/1/1996	Work Type: Su	urface Course - AC (Layer	Construct) Co	ode: SU-AC	Is	s Major M&R: False	
Work Date: 6/1/1996	Work Type: No	ew Construction - Initial	Co	ode: NU-IN	Is	Major M&R: True	
Work Date: 12/1/2006	Work Type: Co	omplete Reconstruction - A	AC Co	ode: CR-AC	Is	Major M&R: True	
Work Date: 1/1/2013	Work Type: Su	urface Seal - Rejuvenating	Co	ode: SS-RE	Is	s Major M&R: False	
Last Insp. Date: 9/22/2021	Tota	alSamples: 11	Surveye	ed: 3			
•		•	•				
Conditions: PCI: 71							
Inspection Comments:	Type: R	Area:	5000.00 SqFt	PCI:	72		
Inspection Comments: Sample Number: 04	Type: R	Area:	5000.00 SqFt	PCI:	72		
Inspection Comments: Sample Number: 04 Sample Comments:			5000.00 SqFt	PCI:	72		
Inspection Comments: Sample Number: 04 Sample Comments: 48 L & T CR	L	321.00 Ft	5000.00 SqFt	PCI:	72		
Inspection Comments: Sample Number: 04 Sample Comments:		321.00 Ft 750.00 SqFt	5000.00 SqFt	PCI:	72		
Inspection Comments: Sample Number: 04 Sample Comments: 48 L & T CR 52 RAVELING 57 WEATHERING	L L L	321.00 Ft					
Inspection Comments: Sample Number: 04 Sample Comments: 48 L & T CR 52 RAVELING 57 WEATHERING Sample Number: 09	L L L	321.00 Ft 750.00 SqFt 4250.00 SqFt	5000.00 SqFt 4590.00 SqFt	PCI:			
Inspection Comments: Sample Number: 04 Sample Comments: 48 L & T CR 52 RAVELING 57 WEATHERING Sample Number: 09 Sample Comments:	L L L Type: R	321.00 Ft 750.00 SqFt 4250.00 SqFt Area:					
Inspection Comments: Sample Number: 04 Sample Comments: 48 L & T CR 52 RAVELING 57 WEATHERING Sample Number: 09 Sample Comments:	L L L	321.00 Ft 750.00 SqFt 4250.00 SqFt					
Inspection Comments: Sample Number: 04 Sample Comments: 48 L & T CR 52 RAVELING 57 WEATHERING Sample Number: 09 Sample Comments: 45 DEPRESSION	L L L Type: R	321.00 Ft 750.00 SqFt 4250.00 SqFt Area:					
Inspection Comments: Sample Number: 04 Sample Comments: 48	L L L Type: R	321.00 Ft 750.00 SqFt 4250.00 SqFt Area: 9.00 SqFt 173.00 Ft					
Inspection Comments: Sample Number: 04 Sample Comments: 48 L & T CR 52 RAVELING 57 WEATHERING Sample Number: 09 Sample Comments: 45 DEPRESSION 48 L & T CR 48 L & T CR	L L L Type: R	321.00 Ft 750.00 SqFt 4250.00 SqFt Area: 9.00 SqFt 173.00 Ft 14.00 Ft					
Inspection Comments: Sample Number: 04 Sample Comments: 48 L & T CR 52 RAVELING 57 WEATHERING Sample Number: 09 Sample Comments: 45 DEPRESSION 48 L & T CR 48 L & T CR 50 PATCHING	L L L Type: R	321.00 Ft 750.00 SqFt 4250.00 SqFt Area: 9.00 SqFt 173.00 Ft 14.00 Ft 21.00 SqFt					
Inspection Comments: Sample Number: 04 Sample Comments: 48 L & T CR 52 RAVELING 57 WEATHERING Sample Number: 09 Sample Comments: 45 DEPRESSION 48 L & T CR 48 L & T CR 50 PATCHING 52 RAVELING 57 WEATHERING	L L L Type: R	321.00 Ft 750.00 SqFt 4250.00 SqFt Area: 9.00 SqFt 173.00 Ft 14.00 Ft 21.00 SqFt 685.00 SqFt			70		
Inspection Comments: Sample Number: 04 Sample Comments: 48 L & T CR 52 RAVELING 57 WEATHERING Sample Number: 09 Sample Comments: 45 DEPRESSION 48 L & T CR 48 L & T CR 50 PATCHING 52 RAVELING 57 WEATHERING Sample Number: 11	L L L Type: R	321.00 Ft 750.00 SqFt 4250.00 SqFt Area: 9.00 SqFt 173.00 Ft 14.00 Ft 21.00 SqFt 685.00 SqFt 3884.00 SqFt	4590.00 SqFt	PCI:	70		
Inspection Comments: Sample Number: 04 Sample Comments: 48 L & T CR 52 RAVELING 57 WEATHERING Sample Number: 09 Sample Comments: 45 DEPRESSION 48 L & T CR 48 L & T CR 50 PATCHING 52 RAVELING	L L L Type: R	321.00 Ft 750.00 SqFt 4250.00 SqFt Area: 9.00 SqFt 173.00 Ft 14.00 Ft 21.00 SqFt 685.00 SqFt 3884.00 SqFt	4590.00 SqFt	PCI:	70		
Inspection Comments: Sample Number: 04 Sample Comments: 48 L & T CR 52 RAVELING 57 WEATHERING Sample Number: 09 Sample Comments: 45 DEPRESSION 48 L & T CR 48 L & T CR 50 PATCHING 52 RAVELING 57 WEATHERING Sample Number: 11 Sample Comments:	L L L L L L L L L L	321.00 Ft 750.00 SqFt 4250.00 SqFt Area: 9.00 SqFt 173.00 Ft 14.00 Ft 21.00 SqFt 685.00 SqFt 3884.00 SqFt Area:	4590.00 SqFt	PCI:	70		

Branch: TL 01	Name:	TAXILANE 01	Use:	TAXILANE	Area:	107,148 SqFt
Section: 20	of 2	rom: -		То: -		Last Const.: 1/1/201
Surface: AC	Family: SC III & IV-TV	V-TL-AC Zone:		Category: G		Rank: T
Area: 55,46	8 SqFt Length:	1,500 Ft	Width:	50 Ft		
Slabs:	Slab Length:	Ft Slab	Width:	Ft	Joint Length	: Ft
Shoulder:	Street Type:	Grae	de: 0		Lanes: 0	
Section Comments:						
Work Date: 6/1/1996	Work Type: New	Construction - Initial	C	ode: NU-IN	Is Major	M&R: True
Work Date: 6/1/1996	Work Type: Surface	ce Course - AC (Layer C	Construct) C	ode: SU-AC	Is Major	M&R: False
Work Date: 1/1/2011	Work Type: Comp	lete Reconstruction - A	C C	ode: CR-AC	Is Major	M&R: True
Work Date: 1/1/2012	Work Type: Surface	ce Seal - Rejuvenating	C	ode: SS-RE	Is Major	M&R: False
Work Date: 1/1/2015	Work Type: Surface	ce Seal - Rejuvenating	C	ode: SS-RE	Is Major	M&R: False
Work Date: 1/2/2015	Work Type: Surface	ce Seal - Rejuvenating	C	ode: SS-RE	Is Major	M&R: False
Last Insp. Date: 9/22/2021	TotalSa	mples: 10	Surveye	d: 2		
•	TotalSa	mples: 10	Surveye	d: 2		
Conditions: PCI: 63	TotalSa	mples: 10	Surveye	d: 2		
Conditions: PCI: 63 Inspection Comments:	TotalSa Type: R	Area:	Surveye 4920.00 SqFt	PCI: 65		
Conditions: PCI: 63 Inspection Comments: Sample Number: 04						
Conditions: PCI: 63 Inspection Comments: Sample Number: 04 Sample Comments:	Type: R	Area:				
Conditions: PCI: 63 Inspection Comments: Sample Number: 04 Sample Comments: 48 L & T CR						
Conditions: PCI: 63 Inspection Comments: Sample Number: 04 Sample Comments: 48 L & T CR 52 RAVELING	Type: R	Area: 549.00 Ft				
Conditions: PCI: 63 Inspection Comments: Sample Number: 04 Sample Comments: 48 L & T CR 52 RAVELING 57 WEATHERING	Type: R L L	Area: 549.00 Ft 246.00 SqFt				
Conditions: PCI: 63 Inspection Comments: Sample Number: 04 Sample Comments: 48 L & T CR 52 RAVELING 57 WEATHERING Sample Number: 08	Type: R L L L L	Area: 549.00 Ft 246.00 SqFt 4674.00 SqFt	4920.00 SqFt	PCI: 65		
Conditions: PCI: 63 Inspection Comments: Sample Number: 04 Sample Comments: 48 L & T CR 52 RAVELING 57 WEATHERING Sample Number: 08 Sample Comments:	Type: R L L L L	Area: 549.00 Ft 246.00 SqFt 4674.00 SqFt Area:	4920.00 SqFt	PCI: 65		
Conditions: PCI: 63 Inspection Comments: Sample Number: 04 Sample Comments: 48 L & T CR 52 RAVELING 57 WEATHERING Sample Number: 08 Sample Comments: 48 L & T CR	Type: R L L L Type: R	Area: 549.00 Ft 246.00 SqFt 4674.00 SqFt Area:	4920.00 SqFt	PCI: 65		
Conditions: PCI: 63 Inspection Comments: Sample Number: 04 Sample Comments: 48 L & T CR 52 RAVELING 57 WEATHERING Sample Number: 08 Sample Comments:	Type: R L L L Type: R	Area: 549.00 Ft 246.00 SqFt 4674.00 SqFt Area:	4920.00 SqFt	PCI: 65		

Network: LKR		Name:	Lancaster County Ai	rport - McWhirter	Field
Branch: TW A	Name:	TAXIWAY A	Use: 7	TAXIWAY	Area: 238,651 SqFt
Section: 05 Surface: AAC	of 6 From Family: SC III & IV-TW-			To: - Category: G	Last Const.: 1/1/2015 Rank: P
	SqFt Length:	1,300 Ft	Width:	40 Ft	Naik. 1
Slabs:	Slab Length:		Width:	Ft	Joint Length: Ft
Shoulder:	Street Type:	Grad	e: 0		Lanes: 0
Section Comments:					
Work Date: 4/1/1983	Work Type: Subbase	e - Aggregate	Code	: SB-AG	Is Major M&R: False
Work Date: 4/1/1983	Work Type: Base Co	ourse - Aggregate	Code	: BA-AG	Is Major M&R: False
Work Date: 4/1/1983	Work Type: New Co	nstruction - Initial	Code	: NU-IN	Is Major M&R: True
Work Date: 4/1/1983	Work Type: Surface	Course - AC (Layer C	onstruct) Code	: SU-AC	Is Major M&R: False
Work Date: 6/1/1985	Work Type: Crack S	ealing - AC	Code	: CS-AC	Is Major M&R: False
Work Date: 1/1/2010	Work Type: Overlay	- AC Structural	Code	: OL-AS	Is Major M&R: True
Work Date: 1/1/2015	Work Type: Overlay	- AC Structural	Code	: OL-AS	Is Major M&R: True
Work Date: 1/2/2015	Work Type: Surface	Seal - Rejuvenating	Code	: SS-RE	Is Major M&R: False
Last Insp. Date: 9/22/2021	TotalSam	ples: 1	Surveyed:	1	
Conditions: PCI: 70					
Inspection Comments:					
Sample Number: 01	Type: R	Area:	5980.00 SqFt	PCI: 70	
Sample Comments:					
48 L & T CR 57 WEATHERING	L L :	681.00 Ft 5980.00 SqFt			

Netw	ork: LKR					Namo	: Lar	caster County	/ Airpo	rt - McWhi	rter Field			
Bran	ch: TW A			Name:	TAXIW	AY A		Use:	TAX	IWAY	Area	:	238,651 SqFt	
Sectio	on: 10		of 6		From: -				Т	o: -			Last Const.:	1/1/2015
Surfa	ce: AAC	Family:	SC	III & IV-7	ΓW-TL-AC	Zone	:		C	ategory:	G		Rank: P	
Area:		36,354 SqFt		Length:		918 Ft		Width:		40 Ft				
Slabs	:	Slab Lo	ength:		Ft		Slab Width:		F	t		Joint Length	: F	t
Shoul	lder:	Street '	Гуре:				Grade: 0					Lanes: 0		
Sectio	on Comments:													
Work	Date: 4/1/1983	V	Work 7	Гуре: Sub	base - Aggreg	ate		C	ode:	SB-AG		Is Major	M&R: False	
Work	Date: 4/1/1983	V	Work 1	Гуре: Nev	v Construction	ı - Initia	1	C	ode:	NU-IN		Is Major	M&R: True	
Work	Date: 4/1/1983	•	Work 7	Гуре: Bas	e Course - Ag	gregate		C	ode:	BA-AG		Is Major	M&R: False	
Work	Date: 4/1/1983	`	Work 7	Гуре: Sur	face Course	AC (La	yer Construct	c) C	ode:	SU-AC		Is Major	M&R: False	
Work	Date: 6/1/1985	1	Work 7	Гуре: Cra	ck Sealing - A	С		C	ode: (CS-AC		Is Major	M&R: False	
Work	Date: 1/1/2015	1	Work 7	Гуре: Ove	erlay - AC Stru	ıctural		C	ode: (OL-AS		Is Major	M&R: True	
Work	Date: 1/2/2015	1	Work 7	Гуре: Sur	face Seal - Rej	uvenati	ng	C	ode:	SS-RE		Is Major	M&R: False	
Last 1	Insp. Date: 9/2	2/2021		Total	Samples: 8			Surveye	ed: 3					
Cond	itions: PCI:	74												
Inspe	ction Comments	:												
Samp	le Number: 01	T	ype:	R	Aı	ea:	650	7.00 SqFt		PCI:	77			
Samp	le Comments:													
48	L & T CR			L	432.00	Ft								
57	WEATHERIN	G		L	6507.00									
Samp	ole Number: 03	T	ype:	R	Aı	ea:	399	9.00 SqFt	INA	PCI:	73			
Samp	le Comments:													
48	L & T CR			L	365.00	Ft								
57	WEATHERIN	G		L	3999.00									
Samp	le Number: 06	T	ype:	R	Aı	ea:	399	7.00 SqFt		PCI:	71			
Samp	le Comments:													
48	L & T CR			L	418.00	Ft								
	2 a 1 cit			-	110.00									

Networ	k: LKR				Nai	me: Lan	ncaster County	Airport - McWhi	rter Field			
Branch	: TW A			Name:	TAXIWAY A	Α	Use:	TAXIWAY	Area:	238,6	51 SqFt	
Section	: 20		of 6		From: -			То: -		La	ast Const.:	1/1/2015
Surface	: AAC	Famil	ly: SC	C III & IV-	TW-TL-AC Zoi	ie:		Category: (Ĵ	R	ank: P	
Area:		43,143 SqFt		Length	1,118	Ft	Width:	40 Ft				
Slabs:		Slab	Length	:	Ft	Slab Width:		Ft	Joint	Length:	F	t
Should	er:	Stree	et Type:			Grade: 0			Lane	es: 0		
Section	Comments:											
Work I	Date: 4/1/1983		Work	Type: Sul	bbase - Aggregate		Со	de: SB-AG	I	s Major M&I	R: False	
Work I	Date: 4/1/1983		Work	Type: Ne	w Construction - Ini	tial	Со	de: NU-IN	I	s Major M&I	R: True	
Work I	Date: 4/1/1983	1	Work	Type: Sur	rface Course - AC (I	Layer Construct	t) Co	de: SU-AC	I	s Major M&I	R: False	
Work I	Date: 4/1/1983		Work	Type: Bas	se Course - Aggrega	te	Со	de: BA-AG	I	s Major M&I	R: False	
Work I	Date: 6/1/1985		Work	Type: Cra	ack Sealing - AC		Со	de: CS-AC	I	s Major M&I	R: False	
Work I	Date: 1/1/2015		Work	Type: Ov	erlay - AC Structura	1	Со	de: OL-AS	I	s Major M&I	R: True	
Work I	Date: 1/2/2015		Work	Type: Su	rface Seal - Rejuven	ating	Со	de: SS-RE	I	s Major M&I	R: False	
Last In	sp. Date: 9/2	2/2021		Tota	Samples: 11		Surveyed	1: 3				
Conditi	ons: PCI:	75										
Inspect	ion Comments	s:										
Sample	Number: 02	2	Type:	R	Area:	360	0.00 SqFt	PCI:	74			
Sample	Comments:											
48	L & T CR			L	307.00 Ft							
	WEATHERIN	G		L	3600.00 SqFt							
Sample	Number: 06	,)	Type:	R	Area:	400	0.00 SqFt	PCI:	72			
Sample	Comments:											
48	L & T CR			L	389.00 Ft							
	WEATHERIN	G		L	4000.00 SqFt							
	Number: 10		Type:	R	Area:	400	0.00 SqFt	PCI:	78			
Sample	Comments:		•				-					
48	L & T CR			L	248.00 Ft							
	WEATHERIN	G		L	4000.00 SqFt							

Networl	k: LKR				Name	. I oeo	actor Com	nts/ Ai-	ort - McWhirt	er Field			
						e. Lanc				er rieiu			
Branch:	TW A		Name:	TAXIW	/AY A		Use	: TA	XIWAY	Area:	238,65	1 SqFt	
Section:	30	of 6		From: -					To: -		Las	t Const.:	1/1/2015
Surface	: AAC	Family: SC	C III & IV-	TW-TL-AC	Zone	:			Category: G		Rai	nk: P	
Area:	129	9,646 SqFt	Length	: 3	,675 Ft		Width:		35 Ft				
Slabs:		Slab Length:	:	Ft	:	Slab Width:			Ft	Joint	Length:	Ft	
Shoulde	er:	Street Type:			(Grade: 0				Lanes	: 0		
Section	Comments:												
Work D	eate: 3/1/2000	Work	Type: Nev	w Construction	n - Initia	ıl		Code:	NU-IN	Is	Major M&R	True	
Work D	eate: 3/1/2000	Work	Type: Sur	face Course -	AC (La	yer Construct)		Code:	SU-AC	Is	Major M&R	False	
Work D	pate: 3/1/2000	Work	Type: Bas	se Course - Ag	gregate			Code:	BA-AG	Is	Major M&R	False	
Work D	eate: 1/1/2015	Work	Type: Ove	erlay - AC Str	uctural			Code:	OL-AS	Is	Major M&R	True	
Work D	eate: 1/2/2015	Work	Type: Sur	face Seal - Re	juvenati	ng		Code:	SS-RE	Is	Major M&R	False	
Last Ins	sp. Date: 9/22/2	021	Total	Samples: 3	7		Surve	yed: 8	3				
Condition	ons: PCI: 8	30											
Inspecti	on Comments:												
Sample	Number: 04	Type:	R	A	rea:	3500.	00 SqFt		PCI: 8	32			
_	Comments:												
48 I	L & T CR		L	146.00	Et /								
	WEATHERING		L	3500.00									
Sample	Number: 11	Type:	R	A	rea:	3500.	00 SqFt		PCI: 8	34			
Sample	Comments:												
	L & T CR WEATHERING		L L	112.00 3500.00									
	Number: 16	Type:	R		rea:	3500.	00 SqFt		PCI: 8				
_	Comments:	J.F.					ÄÚI						
48 I	& T CR		L	160.00	Ft								
57 V	WEATHERING		L	3500.00	SqFt								
Sample	Number: 19	Type:	R	A	rea:	3500.	00 SqFt		PCI: 8	31			
Sample	Comments:												
	L & T CR		L	157.00									
	WEATHERING	T	L	3500.00		2500	00 G E		DCI. 7	16			
_	Number: 26 Comments:	Туре:	R	A	rea:	3500.	.00 SqFt		PCI:	/6			
48 I	& T CR		L	232.00	Ft								
56 S	SWELLING		L	1.00	SqFt								
	WEATHERING		L	3500.00			00 ~ =						
_	Number: 30	Type:	R	A	rea:	3500.	00 SqFt		PCI: 8	31			
_	Comments:												
	L & T CR WEATHERING		L L	166.00 3500.00									
Sample	Number: 33	Type:	R	A	rea:	3500.	00 SqFt		PCI: 8	31			
Sample	Comments:												
	L & T CR WEATHERING		L L	156.00 3500.00									
	Number: 36	Type:	R		rea:	4008.	00 SqFt		PCI:	71			
_	Comments:	v x					1						
48 I	L & T CR		L	437.00	Ft								
	WEATHERING		L	4008.00									

Network: LKR		Name:	Lancaster County Air	port - McWhirter Fi	ield
Branch: TW A	Name:	TAXIWAY A	Use: T.	AXIWAY A	Area: 238,651 SqFt
Section: 40		om: -		То: -	Last Const.: 1/1/2020
Surface: AAC Fam	nily: SC III & IV-TW	-TL-AC Zone:		Category: G	Rank: P
Area: 20,961 SqF	Ft Length:	535 Ft	Width:	40 Ft	
Slabs: Sla	b Length:	Ft Slab	Width:	Ft	Joint Length: Ft
Shoulder: Str	eet Type:	Grad	le: 0		Lanes: 0
Section Comments:					
Work Date: 4/1/1983	Work Type: Base C	Course - Aggregate	Code:	BA-AG	Is Major M&R: False
Work Date: 4/1/1983	Work Type: Surfac	e Course - AC (Layer C	onstruct) Code:	SU-AC	Is Major M&R: False
Work Date: 4/1/1983	Work Type: Subbas	se - Aggregate	Code:	SB-AG	Is Major M&R: False
Work Date: 4/1/1983	Work Type: New C	Construction - Initial	Code:	NU-IN	Is Major M&R: True
Work Date: 6/1/1985	Work Type: Crack	Sealing - AC	Code:	CS-AC	Is Major M&R: False
Work Date: 12/1/2006	Work Type: Overla	y - AC Structural	Code:	OL-AS	Is Major M&R: True
Work Date: 1/1/2020	Work Type: Mill an	nd Overlay	Code:	ML-OV	Is Major M&R: True
Last Insp. Date: 4/14/2016	TotalSa	mples: 6	Surveyed:	2	
Conditions: PCI: 68		NOTE: *** Pre-	Construction PCI ***		
Inspection Comments:					
Sample Number: 02	Type: R	Area:	4000.00 SqFt	PCI: 70	
Sample Comments:					
48 LONGITUDINAL/TRANS CRACKING	SVERSE L	322.00 Ft			
52 RAVELING	L	600.00 SqFt			
57 WEATHERING	L	3400.00 SqFt	JTH CAROLIN.	A	
Sample Number: 03	Type: R	Area:	4000.00 SqFt	PCI: 67	
Sample Comments:					
48 LONGITUDINAL/TRANS CRACKING	SVERSE L	400.00 Ft			
52 RAVELING	L	600.00 SqFt			
57 WEATHERING	L	3400.00 SqFt			

Network:	: LKR			Nar	ne: Lan	caster County	Airport - McWhirte	r Field			
Branch:	TW A		Name:	TAXIWAY A		Use:	TAXIWAY	Area:	238,65	l SqFt	
Section:	50	o	of 6	From: -			То: -		Las	t Const.:	1/1/2010
Surface:	AAC	Family:	SC III & IV-	TW-TL-AC Zon	e:		Category: G		Rar	ık: P	
Area:		2,567 SqFt	Length	: 3,900 I	₹t	Width:	35 Ft				
Slabs:		Slab Lei	ngth:	Ft	Slab Width:		Ft	Joint I	ength:	Ft	:
Shoulder	:	Street T	ype:		Grade: 0			Lanes:	0		
Section C	Comments:										
Work Da	ite: 3/1/2000	W	ork Type: Sur	face Course - AC (L	ayer Construct)	Со	de: SU-AC	Is	Major M&R:	False	
Work Da	ite: 3/1/2000	W	ork Type: Nev	w Construction - Init	ial	Со	de: NU-IN	Is	Major M&R:	True	
Work Da	ite: 3/1/2000	W	ork Type: Bas	se Course - Aggregat	te	Со	de: BA-AG	Is	Major M&R:	False	
Work Da	ite: 1/1/2010	W	ork Type: Ove	erlay - AC Structura	<u> </u>	Со	de: OL-AS	Is	Major M&R:	True	
-	Date: 9/22		Total	Samples: 1		Surveyed	: 1				
Condition Inspection	ns: PCI: n Comments	74 :									
Sample N	Number: 01	Ty	pe: R	Area:	2567	7.00 SqFt	PCI: 74	4			
Sample C	Comments:										
48 L	& T CR		L	142.00 Ft							
	AVELING		L	128.00 SqFt							
57 W	EATHERING	3	L	2439.00 SqFt							

Network:	LKR				Name:	Lanc	aster County	Airport - McWhirt	er Field		
Branch:	TW B		Name:	TAXIWA	Y B		Use:	TAXIWAY	Area:	11,632 \$	SqFt
Section:	10	of 2	2	From: -				То: -		Last (Const.: 1/1/202
Surface:	AAC	Family: So	C III & IV-T	W-TL-AC	Zone:			Category: G		Rank	: P
Area:	6,13	59 SqFt	Length:	1	20 Ft		Width:	40 Ft			
Slabs:		Slab Length	:	Ft	Slab	Width:		Ft	Joint L	ength:	Ft
Shoulder:		Street Type:	:		Grad	le: 0			Lanes:	0	
Section Co	omments:										
Work Date	e: 8/1/1970	Work	Type: Base	e Course - Aggr	egate		Со	de: BA-AG	Is I	Major M&R: I	False
Work Date	e: 8/1/1970	Work	Type: Surf	ace Course - A	C (Layer C	Construct)	Со	de: SU-AC	Is I	Major M&R: I	False
Work Date	e: 8/1/1970	Work	Type: New	Construction -	Initial		Co	de: NU-IN	Is I	Major M&R:	Ггие
Work Date	e: 6/1/1985	Work	Type: Crac	k Sealing - AC			Со	de: CS-AC	Is I	Major M&R: I	False
Work Date	e: 12/1/2006	Work	Type: Over	rlay - AC Struc	tural		Со	de: OL-AS	Is I	Major M&R:	Ггие
Work Date	e: 1/1/2020	Work	Type: Mill	and Overlay			Со	de: ML-OV	Is I	Major M&R:	Ггие
Last Insp.	Date: 4/14/201	6	TotalS	Samples: 1			Surveyed	l: 1			
Condition	s: PCI : 70			NOTE	: *** Pre-	-Constru	ction PCI ***	k			
Inspection	Comments:										
Sample Nu Sample Co	umber: 01	Туре:	R	Are	a: /	5519	.00 SqFt	PCI: 7	0		
18 LO	NGITUDINAL/T ACKING	RANSVERSE	L	338.00 Ft							
	VELING		L	2760.00 Sc	Ft						
	EATHERING		L	2759.00 Sc							

Network: LKR		Name:	Lancaster County	Airport - McWhirter	Field	
Branch: TW B	Name:	TAXIWAY B	Use:	TAXIWAY	Area: 11,6	532 SqFt
Section: 20	of 2 F	rom: -		То: -	L	ast Const.: 1/1/2010
Surface: AAC	Family: SC III & IV-TV	7-TL-AC Zone:		Category: G	R	ank: P
Area:	5,473 SqFt Length:	110 Ft	Width:	40 Ft		
Slabs:	Slab Length:	Ft Slab	Width:	Ft	Joint Length:	Ft
Shoulder:	Street Type:	Grad	le: 0		Lanes: 0	
Section Comments:						
Work Date: 8/1/1970	Work Type: Base	Course - Aggregate	C	ode: BA-AG	Is Major M&l	R: False
Work Date: 8/1/1970	Work Type: New O	Construction - Initial	C	ode: NU-IN	Is Major M&l	R: True
Work Date: 8/1/1970	Work Type: Surface	e Course - AC (Layer C	onstruct) Co	ode: SU-AC	Is Major M&l	R: False
Work Date: 6/1/1985	Work Type: Crack	Sealing - AC	C	ode: CS-AC	Is Major M&l	R: False
Work Date: 6/1/2006	Work Type: Overl	ny - AC Structural	C	ode: OL-AS	Is Major M&l	R: True
Work Date: 1/1/2010	Work Type: Overl	ny - AC Structural	C	ode: OL-AS	Is Major M&l	R: True
Last Insp. Date: 9/22/2	2021 TotalSa	mples: 1	Surveye	d: 1		
Conditions: PCI:	70					
Inspection Comments:						
Sample Number: 01	Type: R	Area:	5473.00 SqFt	PCI: 70		
Sample Comments:						
42 BLEEDING	N	156.00 SqFt				
48 L & T CR	L	231.00 Ft				
52 RAVELING	L	547.00 SqFt				
57 WEATHERING	L	4926.00 SqFt				

Network: LKR		Name:	Lancaster County Air	port - McWhirter	Field	
Branch: TW C	Name:	TAXIWAY C	Use: T	AXIWAY	Area: 11,5	19 SqFt
Section: 10	of 2 Fro	m: -		То: -	La	ast Const.: 1/1/2015
Surface: AAC	Family: SC III & IV-TW-	ΓL-AC Zone:		Category: G	R	ank: S
Area: 5,406	6 SqFt Length:	230 Ft	Width:	40 Ft		
Slabs:	Slab Length:	Ft Slab	Width:	Ft	Joint Length:	Ft
Shoulder:	Street Type:	Grad	e: 0		Lanes: 0	
Section Comments:						
Work Date: 4/1/1983	Work Type: New Co	nstruction - Initial	Code:	NU-IN	Is Major M&I	R: True
Work Date: 4/1/1983	Work Type: Surface	Course - AC (Layer C	onstruct) Code:	SU-AC	Is Major M&I	R: False
Work Date: 4/1/1983	Work Type: Base Co	ourse - Aggregate	Code:	BA-AG	Is Major M&I	R: False
Work Date: 4/1/1983	Work Type: Subbase	- Aggregate	Code:	SB-AG	Is Major M&I	R: False
Work Date: 6/1/1985	Work Type: Crack S	ealing - AC	Code:	CS-AC	Is Major M&I	R: False
Work Date: 1/1/2015	Work Type: Overlay	- AC Structural	Code:	OL-AS	Is Major M&I	R: True
Work Date: 1/2/2015	Work Type: Surface	Seal - Rejuvenating	Code:	SS-RE	Is Major M&I	R: False
Last Insp. Date: 9/22/2021	TotalSam	ples: 1	Surveyed:	1		
Conditions: PCI: 69						
Inspection Comments:						
Sample Number: 01	Type: R	Area:	5406.00 SqFt	PCI: 69		
Sample Comments:						
48 L & T CR 57 WEATHERING		656.00 Ft 5406.00 SqFt				
57 WEATHERING	ь,	7100.00 Bq11				

Network:	LKR				Na	me: La	ncaster County	Airpor	t - McWhirte	er Field			
Branch:	TW C		Nai	me: TA	AXIWAY	С	Use:	TAX	IWAY	Area:	11,	519 SqFt	
Section: 2	20	(of 2	From:	=:			To): -		I	Last Const.:	1/1/2015
Surface:	AAC	Family:	SC III 8	IV-TW-TL-	AC Zo	ne:		Ca	ategory: G		I	Rank: S	
Area:		6,113 SqFt	Le	ength:	230	Ft	Width:		40 Ft				
Slabs:		Slab Le	ength:		Ft	Slab Width	:	Ft		Joint 1	Length:	F	t
Shoulder:		Street 7	Гуре:			Grade:	0			Lanes	: 0		
Section Con	mments:												
Work Date:	: 4/1/1983	V	Vork Type	: Subbase - A	ggregate		Co	de: S	B-AG	Is	Major M&	R: False	
Work Date:	: 4/1/1983	V	Vork Type	: New Constr	uction - In	itial	Co	de: N	IU-IN	Is	Major M&	R: True	
Work Date:	: 4/1/1983	V	Vork Type	: Surface Cou	irse - AC (Layer Constru	et) Co	de: S	U-AC	Is	Major M&	R: False	
Work Date:	: 4/1/1983	V	Vork Type	: Base Course	e - Aggrega	ate	Co	de: B	BA-AG	Is	Major M&	R: False	
Work Date:	: 6/1/1985	V	Vork Type	: Crack Sealin	ng - AC		Co	de: C	CS-AC	Is	Major M&	R: False	
Work Date:	: 1/1/2010	V	Vork Type	: Overlay - A	C Structura	al	Co	de: C	DL-AS	Is	Major M&	R: True	
Work Date:	: 1/1/2015	V	Vork Type	: Overlay - A	C Structura	al	Co	de: C	DL-AS	Is	Major M&	R: True	
Work Date:	: 1/2/2015	V	Vork Type	: Surface Sea	l - Rejuven	ating	Co	de: S	S-RE	Is	Major M&	R: False	
Last Insp. E	Date: 9/22/	2021	,	TotalSamples	: 1	/10	Surveyed	i: 1					
Conditions:	PCI:	67											
Inspection (Comments:												
Sample Nur	mber: 01	Ту	pe:	R	Area:	61	13.00 SqFt		PCI: 67	7			
Sample Cor	mments:												
48 L&	T CR		L	444	.00 Ft								
	T CR		M		.00 Ft								
	/ELING		M		.00 SqFt								
	ATHERING		L		.00 SqFt								

			ter Field	ort - McWhirte	er County Airp	Lanca	Name:					LKR	vork:	Netw
- _[Ft	11,818 SqFt	ı: :	Area	XIWAY	Use: TA		WAY D	TAXIV	Name:			TW D	nch:	Bran
onst.: 1/1/2015	Last Const.:			То: -			-	rom: -	Fr	of 2		10	ion:	Secti
S	Rank: S			Category: G			Zone:	V-TL-AC	III & IV-TW	: SC	Family:	AAC	ace:	Surfa
				35 Ft	idth:	•	230 Ft		Length:		5,705 SqFt		ı:	Area
Ft	. F	Joint Length:		Ft		Width:	Slab	Ft	:	Length:	Slab Le		s:	Slabs
		Lanes: 0				de: 0	Gra			Type:	Street 7		ılder:	Shou
												mments:	ion Co	Secti
ue	M&R: True	Is Major N		NU-IN	Code:		on - Initial	Constructio	Type: New C	Work 7	V	: 3/1/2000	k Date	Wor
lse	M&R: False	Is Major N		SU-AC	Code:	Construct)	AC (Layer (e Course -	Type: Surfac	Work 7	V	: 3/1/2000	k Date	Wor
lse	M&R: False	Is Major N		BA-AG	Code:		ggregate	Course - A	Type: Base C	Work 7	V	: 3/1/2000	k Date	Wor
ue	M&R: True	Is Major N		OL-AS	Code:		ructural	ay - AC Stı	Type: Overla	Work 7	v	: 1/1/2015	k Date	Wor
lse	M&R: False	Is Major N		SS-RE	Code:		ejuvenating	e Seal - Ro	Type: Surfac	Work 7	v	: 1/2/2015	k Date	Wor
					Surveyed: 1		1	mples:	TotalSa		2/2021	Date: 9/22	Insp. 1	Last
											66	: PCI:	ditions	Conc
											:	Comments:	ection	Insp
			56	PCI: 60	SqFt	5705.0	rea:	A	R	Гуре:	Ту	mber: 01	ple Nu	Sam
												mments:	ple Co	Sam
							Ft	603.00	L			T CR	L &	48
							Ft	34.00	M			T CR	L &	48
							SqFt	5705.00	L		3	ATHERING	WE	57
								34.00 5705.00	M L		3	T CR ATHERINC		48 57

Network:	LKR				Name	2:	Lanca	aster County	y Airp	oort - McWhirter	Field				
Branch:	TW D		Name	: TAXI	WAY D			Use:	TA	XIWAY	Area:		11,8	18 SqFt	
Section:	20	C	of 2	From:	-					То: -			La	st Const.:	1/1/2015
Surface:	AAC	Family:	SC III & I	V-TW-TL-AC	Zone	:				Category: G			Ra	nk: S	
Area:		6,113 SqFt	Leng	gth:	230 Ft			Width:		35 Ft					
Slabs:		Slab Le	ngth:	Ft	:	Slab Wic	lth:			Ft	Join	t Lengt	th:	F	it .
Shoulder:		Street T	ype:			Grade:	0				Land	es:	0		
Section Co	omments:														
Work Dat	e: 3/1/2000	W	ork Type:	New Construction	on - Initia	ıl		C	ode:	NU-IN]	ls Majo	or M&R	R: True	
Work Dat	e: 3/1/2000	W	ork Type:	Base Course - A	ggregate			C	ode:	BA-AG]	ls Majo	or M&R	R: False	
Work Dat	e: 3/1/2000	W	ork Type:	Surface Course	- AC (La	yer Const	ruct)	C	ode:	SU-AC]	ls Majo	or M&R	R: False	
Work Dat	e: 1/1/2010	W	ork Type:	Overlay - AC St	ructural			C	ode:	OL-AS]	ls Majo	or M&R	R: True	
Work Dat	e: 1/1/2015	W	ork Type:	Overlay - AC St	ructural			C	ode:	OL-AS]	ls Majo	or M&R	R: True	
Work Dat	e: 1/2/2015	W	ork Type:	Surface Seal - R	ejuvenati	ng		C	ode:	SS-RE]	ls Majo	or M&R	R: False	
Condition	Date: 9/22/s: PCI:	/2021 73	To	talSamples:	1			Surveye	ed: 1	I					
Sample Nu	umber: 01	Ту	pe: R		Area:	$/_{\mathrm{T}}$	6113.	00 SqFt	7	PCI: 73					
Sample Co	omments:														
	& T CR EATHERING		L L	573.00 6113.00											



Kimley»Horn