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Design, Inc.**

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Hamilton, NJ 08691**

**2021
PAVEMENT CONDITION INDEX
(PCI) REPORT**

Report Submitted to:

**Jacobs Engineering
Group, Inc.**

December 2023

***Lakewood County Airport (N12)
Lakewood, Ocean County, New Jersey***



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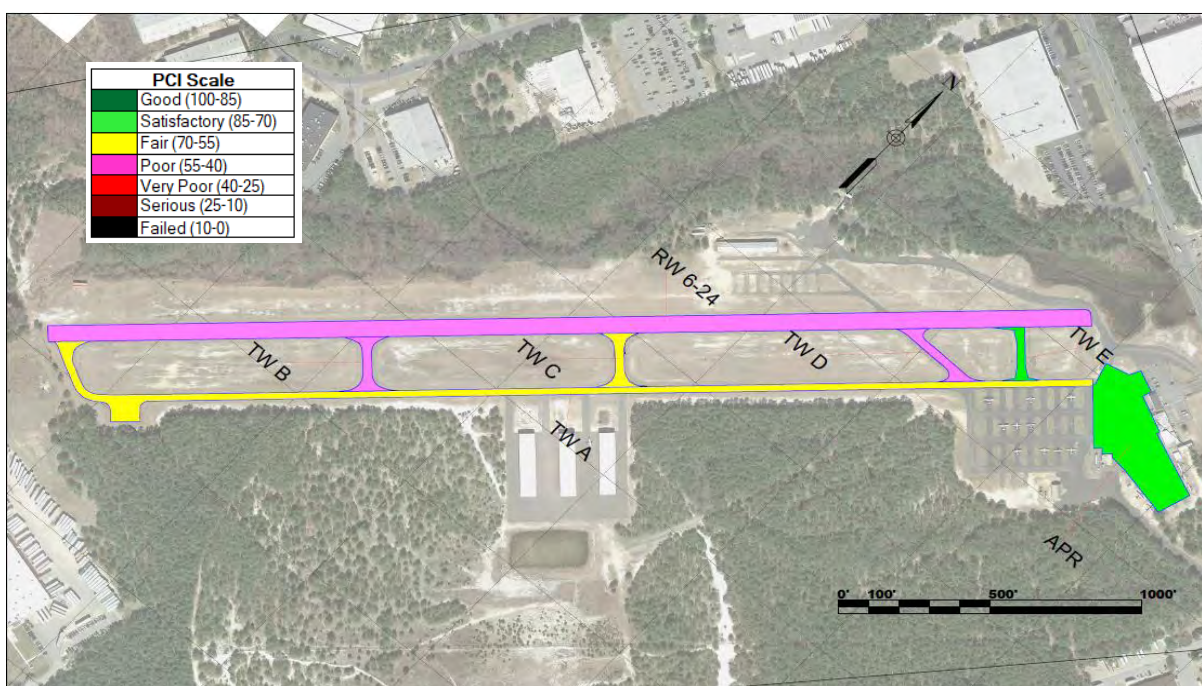
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Executive Summary

The pavement condition of the runway, taxiway, and apron of Lakewood Airport (N12) was evaluated through a pavement distress survey in August/September 2021 and the Pavement Condition Index (PCI) was computed. The results were compared to those obtained from the 2014 condition assessment of the N12 airport pavement.

The 2021 distress survey indicated that the runway, taxiway, and apron pavement of airport N12, considered as a whole, is currently in POOR condition with an overall average PCI of 54. This is a 22-point reduction from the overall PCI of 76 (SATISFACTORY) found for the airport in 2014. In terms of area, the airport pavement was 100% SATISFACTORY condition in 2014. It deteriorated to 52% POOR, 25% FAIR, and 18% SATISFACTORY conditions in 2021. With respect to branch type/use, Runway 6-24 worsened from a SATISFACTORY condition in 2014 to a POOR condition in 2021. The taxiways, which were in SATISFACTORY condition in 2014, became mostly (80%) FAIR with the remainder split between (15%) POOR, and (5%) SATISFACTORY condition in 2021. The apron remained in SATISFACTORY condition but fell 10 PCI points from 81 to 71.

In terms of distresses observed, the entire pavement area is nearly solely affected by climatic/durability factors. Longitudinal and transverse cracking is the predominant distress observed across the airport pavement. Weathering was also a significant contributor to PCI deductions on all pavement areas. Low/medium severity block cracking was noticed on the runway, Taxiway A, Taxiway B, and Taxiway C. Low/medium Patching is also a contributor to PCI deductions for the runway, Taxiway E, and the apron. Lastly, oil spillage was found in the apron.





Part I – Introduction

Jacobs Engineering Group Inc. retained Advanced Infrastructure Design, Inc. (AID) to provide technical services pertaining to the collection of Pavement Condition Index (PCI) data on the airside pavement of seventeen (17) airports in New Jersey. This report pertains to the PCI data collection work conducted on 8/31/2021 and 9/14/2021 at Lakewood Airport (N12) and includes a comparison of the results to those obtained in 2014. The project site is located in Lakewood, Ocean County, New Jersey.

AID collected PCI data for the runways, taxiways, and aprons at 17 airports in 2014. This data was then used to develop an Airport Pavement Management System (APMS) for each of those 17 airports. Several years later, it is now prudent to update the PCI data at the 17 airports to account for deterioration and improvements that have occurred since the last PCI survey conducted in 2014. The updated PCI information will provide the New Jersey Department of Transportation (NJDOT) and Federal Aviation Administration (FAA) with important existing condition information that can then be used to allocate funds appropriately. Additionally, the new set of PCI data can eventually be added to the 2014 data in the APMS to enable refinements to pavement deterioration models.

The intent of AID's work on this project was to collect PCI data on the primary airside pavement, which can be readily entered into the Airport Pavement Management System (APMS) for N12. To this end, the distress survey was conducted on the runway, taxiway, and apron pavement. The remainder of this report discusses the scope of work in detail and presents the results yielded by the PCI inspection. In addition to this report, the database created in 2014 is being updated with the 2021 distress survey data. The database will include the airport pavement inventory, distresses, and PCI data from the 2014 and 2021 distress surveys.

The airport layout showing the various pavement branches and sections at the airport and their respective designations is shown in Appendix A. It should be noted that the letter designations that were arbitrarily assigned to the taxiways during AID's 2014 PCI survey were also followed for the current survey.

Part II – Scope of Work

As part of the PCI data collection efforts, AID performed the following tasks:

2.1 Reviewed Existing Information

To understand the existing pavement assets and their structure and condition for planning the project work, updates since the 2014 work to pertinent information such as the Airport Layout Plan (ALP), CADD files, pavement type information, historical pavement condition information, and past and planned maintenance and rehabilitation (M&R) activities were requested. For N12, there has been a relocation project of the connecting pavement from Taxiway A to the 24 end of Runway 6-24. The existing pavement was destroyed and reconstructed further southwest around 2017. Although details of this activity were not made available to AID at the time of this report, it can be assumed that this was done to meet the FAA regulations that the apron cannot be directly attached to the runway so pilots must make at least one turn between 75 and 90 degrees before reaching the runway hold line. Google Earth imagery was used for mapping this project and identifying construction activity on the pavement.

2.2 Performed PCI Survey

ASTM D5340-20: Standard Test Method for Airport Pavement Condition Index Surveys, which is employed as the visual distress identification and rating system in *FAA AC No. 150/5380-6C: Guidelines and Procedures for Maintenance of Airport Pavements*, was followed in carrying out the PCI inspection work for this project. This work can be divided into three components – sampling, inspection, and analysis.

2.2.1 Sampling

The sampling plan from the 2014 PCI survey was followed for the current, 2021 survey. This involved first dividing the airport pavement into different branches based on functionality and geography. The branches were then subdivided into different sections, where appropriate, based on the pavement type, condition, and geometry. The sections were further divided into sample units for PCI inspection, where each unit has an area of 5000 ± 2000 SF for asphalt concrete (AC) surfaced pavements. Following *ASTM D5340-20*, a sampling rate was established to balance the need for reliable data with the need to efficiently carry out the inspection work, keeping in mind that the PCI data being collected is intended to be used in making network-level decisions regarding M&R treatments. Table 1 shows the sampling plan that was typically followed. This displays the minimum number of sample units to be surveyed within a section with a specified total number of sample units. These are designated “Random” sample units. “Additional” sample units are sample units that have a non-representative pavement condition and are inspected in addition to the random sample units when they were found to exist. Locations and designations for all the branches, sections, and sample units are shown in Appendix A.

Table 1. Sampling Plan.

Total No. of Sample Units in a Section	No. of Sample Units to Survey
1	1
2-4	2
5-7	3
8-10	4
11-12	5
13-15	6
16-18	7
19-21	8
22-25	9
26-30	10
31-35	11
36-60	12
>60	20%

2.2.2 Inspection

The layout of the branches, sections, and sample units established during the 2014 distress survey as well as the sampling plan from 2014 were followed for the current PCI survey. AID conducted the distress survey on N12 between August 31 and September 14, 2021.

PCI is used for quantifying pavement condition, where values range from 0-100 with 0 being the worst possible condition and 100 being the best possible condition. Using “deduct curves” from *ASTM D5340-20*, a single PCI value is calculated for each surveyed sample unit based on the distress types, severities (low, medium, or high), and quantities found within that sample unit. The PCI can be related to a verbal description called a “pavement condition rating” for ease of interpretation of the results. The PCI scale shown below is cited as an example in *ASTM D5340-20* and was used for this project.

PCI Scale	
	Good (100-85)
	Satisfactory (85-70)
	Fair (70-55)
	Poor (55-40)
	Very Poor (40-25)
	Serious (25-10)
	Failed (10-0)



2.2.3 Analysis

The distress survey data collected during the inspections was analyzed using *Paver (v.7.0.10)*, which was developed by the U.S. Army Corps of Engineers, Construction Engineering Research Laboratory (CERL). The analysis of the distress survey data includes the calculation of the PCI and distress quantities extrapolated over the entirety of the surveyed pavement sections.

Part III – Results

3.1 Overview

Based on the pavement distress survey and analysis, it was found that the runway, taxiway, and apron pavement of airport N12, considered as a whole, is currently at the high end of the POOR condition range with an overall average PCI of 54. This is a 22-point reduction from the overall PCI of 76 (SATISFACTORY) found for the airport in 2014. The percentage breakdowns of the pavement area falling within each PCI condition category, both in 2014 and 2021, are provided in Figure 1. This figure shows that the airport pavement was 100% SATISFACTORY condition in 2014 but deteriorated to 52% POOR, 25% FAIR, and 18% SATISFACTORY conditions in 2021.

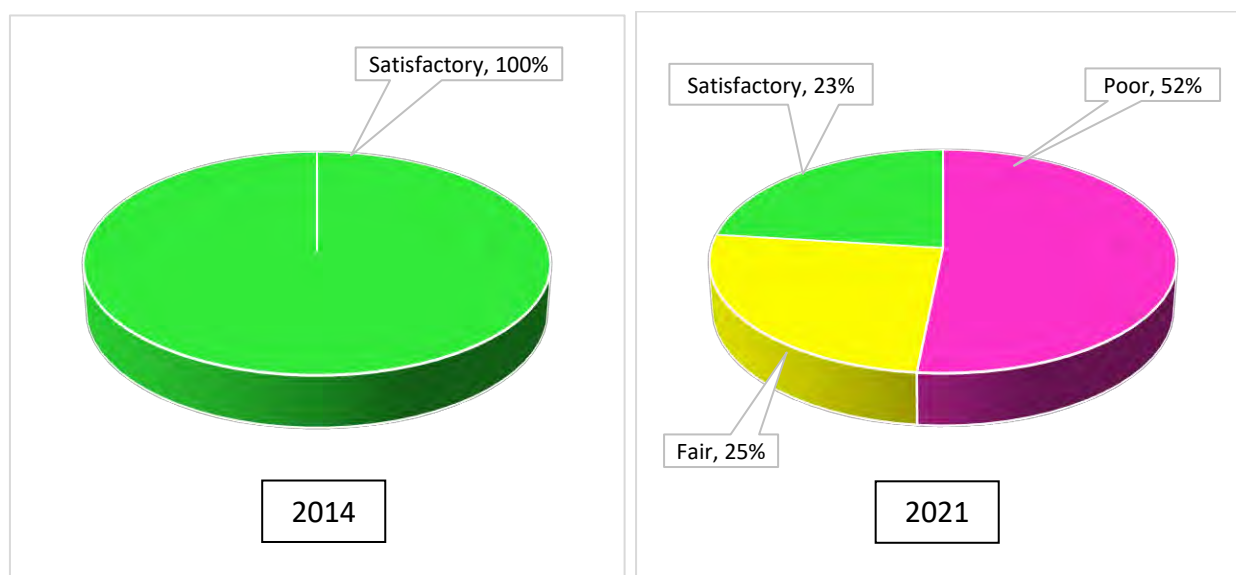


Figure 1. Comparison of Overall N12 PCI Category Breakdown in 2014 and 2021.

Figure 2 shows the PCI category breakdown by branch use in 2014 vs. 2021. The runway worsened from SATISFACTORY condition in 2014 to POOR condition in 2021. The taxiways, which were in SATISFACTORY condition in 2014, became mostly (80%) FAIR with the remainder split between (15%) POOR, and (5%) SATISFACTORY conditions in 2021. The apron remained in SATISFACTORY condition.



Figure 2. Comparison of PCI Category Breakdown by Branch Use in 2014 and 2021.

Figure 3 shows the weighted average PCI change from 2014 to 2021 to visualize the rate of deterioration. The PCI deterioration rates from 2014 to 2021 for the runway, taxiway (new TW E excluded), and apron pavements were -4.3, -2.9, and -1.4 PCI points/year, respectively. The significant deterioration rate on the runway is primarily due to the L/M/H severity of longitudinal and transverse cracking.

The detailed data collected and produced through pavement inspections, including branch, section, and sample unit reports as well as a report with extrapolated distress data by section, is compiled in Appendix B. Because no information was made available to AID at the time of this report regarding the “Last Construction Date”, which reflects the date when the last major rehabilitation was carried out, an arbitrary date assigned by Paver program is listed in the Section Condition Report.

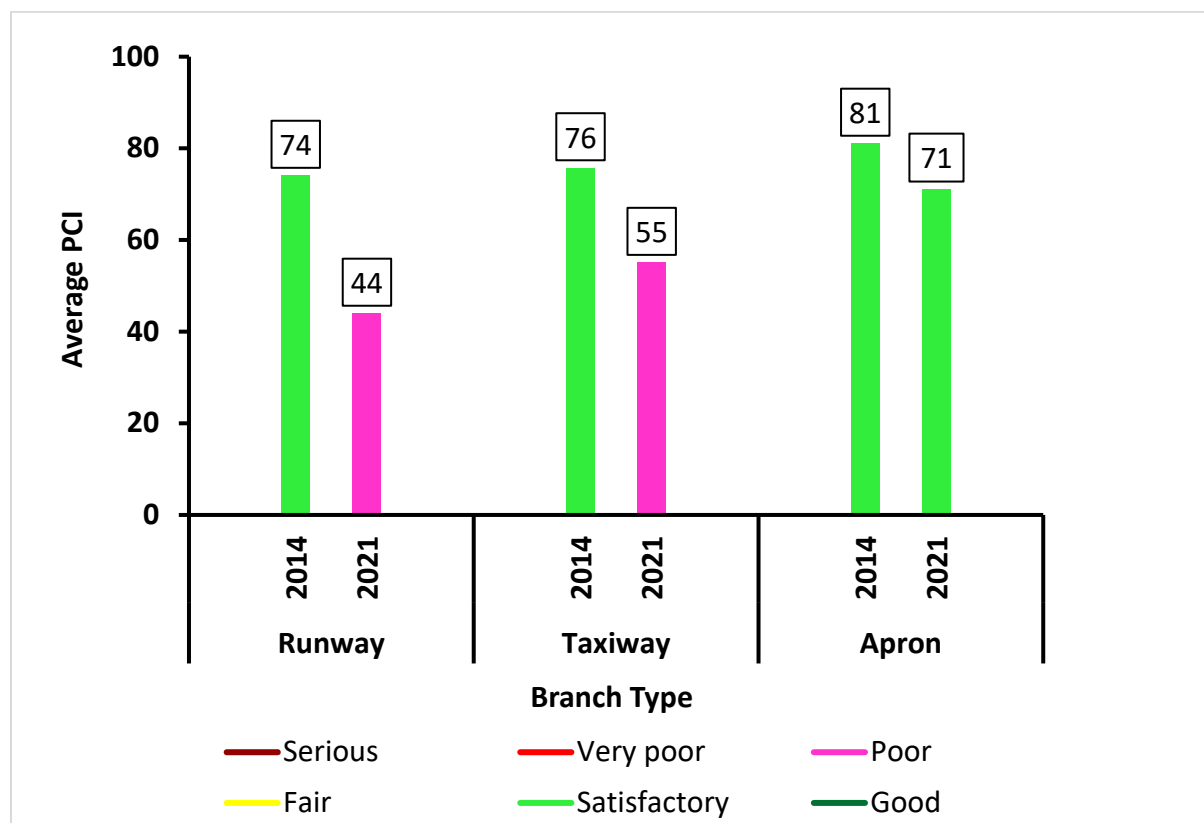


Figure 3. Comparison of Average PCI by Branch Use in 2014 and 2021.

3.2 Branch/Section Discussion

Table 2 summarizes pertinent attributes of the pavement branches and sections. This table also lists the total number of samples in each section along with the number of random and additional samples that were surveyed. Table 3 summarizes the PCI by section and branch for both 2014 and 2021.

Table 4 summarizes the observed distresses by section from the 2021 survey. In terms of distresses, the entire pavement area is nearly solely affected by climatic/durability factors. Longitudinal and transverse cracking is the predominant distress observed across the airport pavement. Weathering was also a significant contributor to PCI deductions on all pavement areas. Low/medium severity block cracking was noticed on the runway, Taxiway A, Taxiway B, and Taxiway C. Low/medium Patching is also a contributor to PCI deductions for the runway, Taxiway E, and the apron. Lastly, oil spillage was found in the apron. A photo log is included to visualize the typical condition in various pavement sections at the time of the 2021 inspection.

Table 2. Summary of Pavement Branch and Section Attributes.

Branch ID	Section ID	Surface Type	Total Area (sq. feet)	Total Sample Units	Sample Units Inspected	
					Random	Additional
Runway 6-24	1	AC	193,800	42	12	0
Taxiway A	1	AC	95,504	20	10	0
Taxiway B	1	AC	9,694	2	2	0
Taxiway C	1	AC	9,499	2	2	0
Taxiway D	1	AC	10,059	2	2	0
Taxiway E	1	AC	6,750	1	1	0
Apron	1	AC	88,542	19	8	0

Notes:

1. AC- Asphalt Concrete
2. Refer to Appendix A for Branch ID, Section ID, and Locations

Table 3. PCI Comparison by Branch and Section for 2014 and 2021.

Branch ID	Section ID	PCI-2014				PCI-2021				Predominant distresses in 2021
		Branch PCI	Branch PCI Category	Section PCI	Section PCI Category	Branch PCI	Branch PCI Category	Section PCI	Section PCI Category	
Runway 6-24	1	74	Satisfactory	74	Satisfactory	44	Poor	44	Poor	Longitudinal and transverse cracking
Taxiway A	1	76	Satisfactory	76	Satisfactory	56	Fair	56	Fair	Longitudinal and transverse cracking
Taxiway B	1	73	Satisfactory	73	Satisfactory	51	Poor	51	Poor	Longitudinal and transverse cracking
Taxiway C	1	72	Satisfactory	72	Satisfactory	60	Fair	60	Fair	Longitudinal and transverse cracking
Taxiway D	1	78	Satisfactory	78	Satisfactory	44	Poor	44	Poor	Block cracking
Taxiway E	1	DID NOT EXIST				81	Satisfactory	81	Satisfactory	Longitudinal and transverse cracking
Apron	1	81	Satisfactory	81	Satisfactory	71	Satisfactory	71	Satisfactory	Longitudinal and transverse cracking

Table 4. Summary of 2021 Observed Distress Types by Section.

Branch ID	Section ID	Pavement Distresses										
		Alligator cracking	Block cracking	Depression	Long. & Trans. Cracking	Patching	Raveling/ weathering	Rutting	Shoving	Slippage Cracking	Swell	Others
Runway 6-24	1		M		L/M/H	L/M	L/M/H					
Taxiway A	1		L/M		L/M/H		L/M					
Taxiway B	1		M		M/H		M					
Taxiway C	1				M/H		M					
Taxiway D	1		L/M		L/M		L/M					
Taxiway E	1				M/H	L	L					
Apron	1				L/M	L/M	L/M					Oil Spillage

Notes: L- Low severity; M-Medium Severity; H-High Severity; Bold text represents predominant distress



Condition Photo Log



Photo No: A-1

Airport Code: N12

Branch: RW 6-24

Section: 1

Date: 9/14/2021

Description: M/H-Weathering; M-Longitudinal & Transverse Cracking



Photo No: A-2

Airport Code: N12

Branch: RW 6-24

Section: 1

Date: 9/14/2021

Description: M-Transverse Cracking; L-Weathering



Photo No: A-3

Airport Code: N12

Branch: RW 6-24

Section: 1

Date: 9/14/2021

Description: L/M-Longitudinal & Transverse Cracking; L-Weathering



Photo No: A-4

Airport Code: N12

Branch: TW A

Section: 1

Date: 9/14/2021

Description: L/M-Block Cracking; L/M-Longitudinal & Transverse Cracking; L/M-Weathering



Photo No: A-5

Airport Code: N12

Branch: TW A

Section: 1

Date: 9/14/2021

Description: L/M-Longitudinal & Transverse Cracking; L-Weathering

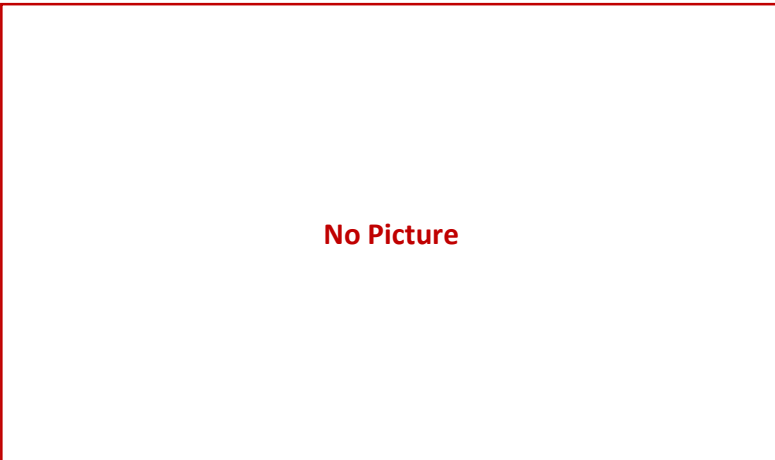


Photo No: A-6

Airport Code: N12

Branch: TW B

Section: 1

Date: 9/14/2021

Description: M/H-Longitudinal & Transverse Cracking; M-Weathering

	Photo No: A-7
	Airport Code: N12 Branch: TW C Section: 1 Date: 9/14/2021
Description: M/H-Longitudinal & Transverse Cracking; M-Weathering	
	Photo No: A-8
	Airport Code: N12 Branch: TW D Section: 1 Date: 9/14/2021
Description: L/M-Longitudinal & Transverse Cracking; L/M-Weathering	
	Photo No: A-9
	Airport Code: N12 Branch: TW E Section: 1 Date: 9/14/2021
Description: L-Longitudinal & Transverse Cracking; L-Weathering	



Photo No: A-10

Airport Code: N12

Branch: APR

Section: 1

Date: 9/14/2021

Description: M-Longitudinal Cracking; M-Weathering



Photo No: A-11

Airport Code: N12

Branch: APR

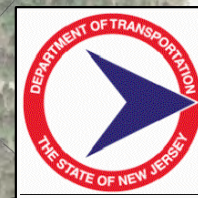
Section: 1

Date: 9/14/2021

Description: L/M-Longitudinal & Transverse Cracking; M-Weathering



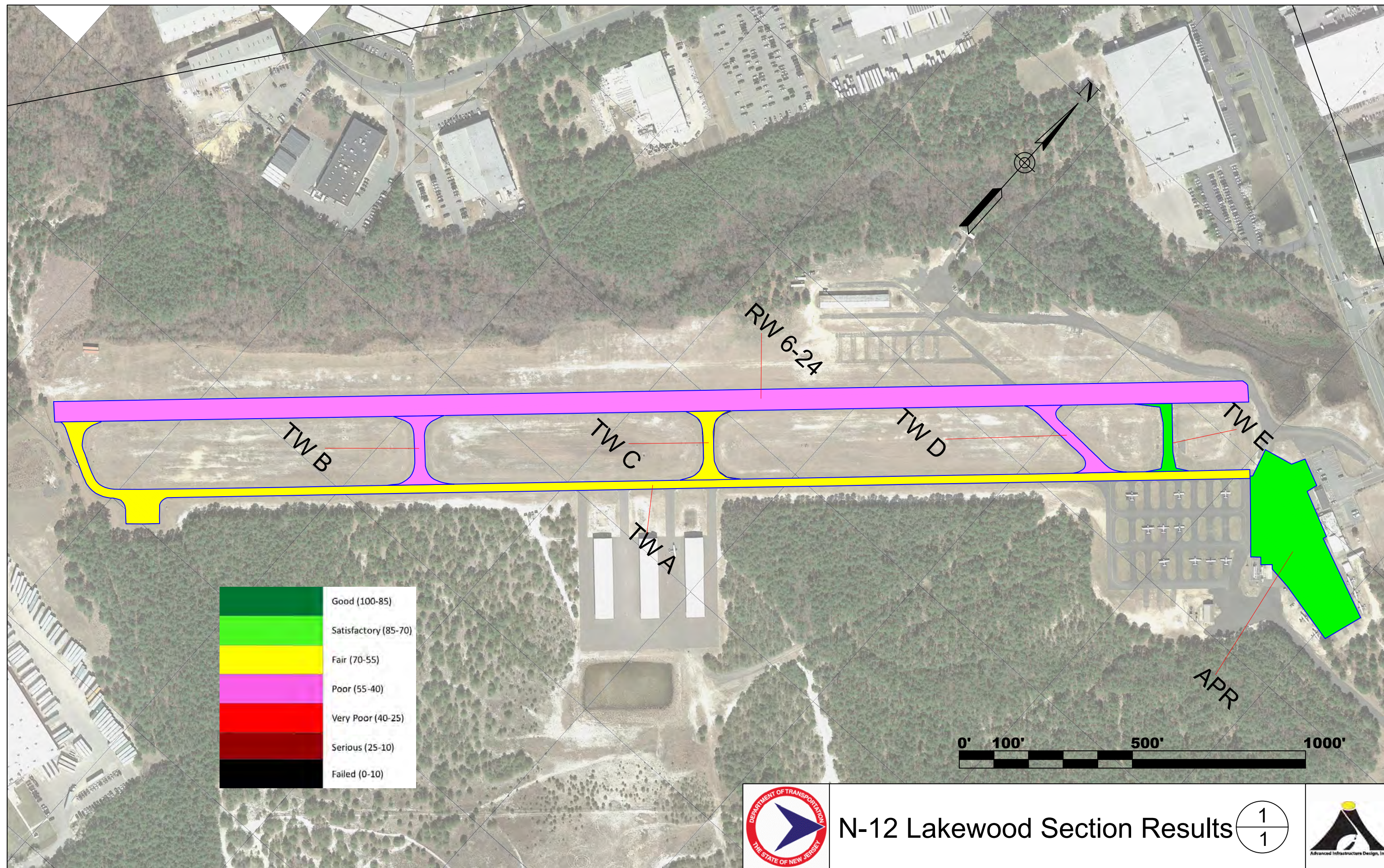
Appendix A: Layout and Results Maps



N-12 Lakewood

1
1







Appendix B: Detailed Data Reports

12/27/2023**Branch Listing Report****Page 1 of 2*****Pavement Database: 2014-NJDOT-GA AIRPORTS***

Network ID	Branch ID	Name	Use	Number of Sections	True Area (SqFt)	Comments
N12	APR	Apron	APRON	1	88,542.00	
N12	RW 6-24	Runway 6-24	RUNWAY	1	193,800.00	
N12	TW A	Taxiway A	TAXIWAY	1	95,504.00	
N12	TW B	Taxiway B	TAXIWAY	1	9,694.00	
N12	TW C	Taxiway C	TAXIWAY	1	9,499.00	
N12	TW D	Taxiway D	TAXIWAY	1	10,059.00	
N12	TW E	Taxiway E	TAXIWAY	1	6,853.00	

12/27/2023

Branch Listing Report (Summary)
Pavement Database: 2014-NJDOT-GA AIRPORTS

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Total Number of Networks:	1
Total Number of Branches:	7
Total Number of Sections:	7
Total True Area:	407,098.00 (SqFt)
Average Branch True Area:	58,156.86 (SqFt)

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Branch Condition Report

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Pavement Database: 2014-NJDOT-GA AIRPORTS

Branch ID	Number of Sections	Sum Section Length (Ft)	Avg Section Width (Ft)	True Area (SqFt)	Use	Average PCI	Standard Deviation PCI	Weighted Average PCI
APR	1	560.66	157.92	88,542.00	APRON	71.00	0.00	71.00
RW 6-24	1	3,230.00	60.00	193,800.00	RUNWAY	43.90	0.00	43.90
TW A	1	3,183.50	30.00	95,504.00	TAXIWAY	56.20	0.00	56.20
TW B	1	199.00	48.71	9,694.00	TAXIWAY	51.00	0.00	51.00
TW C	1	199.00	47.73	9,499.00	TAXIWAY	60.00	0.00	60.00
TW D	1	279.30	36.02	10,059.00	TAXIWAY	44.00	0.00	44.00
TW E	1	196.00	35.00	6,853.00	TAXIWAY	80.80	0.00	80.80

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Branch Condition Report

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Pavement Database: 2014-NJDOT-GA AIRPORTS

Use Category	Number of Sections	Total Area (SqFt)	Arithmetic Average PCI	Average STD PCI	Weighted Average PCI
APRON	1	88,542.00	71.00	0.00	71.00
RUNWAY	1	193,800.00	43.90	0.00	43.90
TAXIWAY	5	131,609.00	58.40	12.42	56.44
ALL	7	413,951.00	58.13	12.76	53.68

*Pavement Database: 2014-NJDOT-GA AIRPORTS**NetworkId: N12*

Branch ID	Section ID	Last Const. Date	Surface	Use	Rank	Lanes	True Area (SqFt)	Last Inspection Date	Age At Inspection	PCI
APR	1	1/1/1900	AC	APRON	A	0	88,542.00	9/14/2021	121	71
RW 6-24	1	1/1/1900	AC	RUNWAY	A	0	193,800.00	8/31/2021	121	43.9
TW A	1	1/1/1900	AC	TAXIWAY	A	0	95,504.00	9/14/2021	121	56.2
TW B	1	1/1/1900	AC	TAXIWAY	A	0	9,694.00	8/31/2021	121	51
TW C	1	1/1/1900	AC	TAXIWAY	A	0	9,499.00	8/31/2021	121	60
TW D	1	1/1/1900	AC	TAXIWAY	A	0	10,059.00	9/14/2021	121	44
TW E	1	6/2/2017	AC	TAXIWAY	P	0	6,853.00	9/14/2021	4	80.8

Pavement Database: 2014-NJDOT-GA AIRPORTS

Age Category	Average Age at Inspection	Total Area (SqFt)	Number of Sections	Arithmetic Average PCI	Standard Deviation PCI	Weighted Average PCI
03-05	4	6,853.00	1	80.80	0.00	80.80
50+	121	407,098.00	6	54.35	9.49	53.23
ALL	104	413,951.00	7	58.13	12.76	53.68

Inspection Report

2014-NJDOT-GA AIRPORTS

Generated Date 12/27/2023

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Network:	N12	Name:	Lakewood Airport				
Branch:	APR	Name:	Apron	Use:	APRON	Area:	88,542 SqFt
Section:	1	of	1	From:	RW 24	To:	Restaurant
Surface:	AC	Family:	DEFAULT	Zone:		Category:	
Area:	88,542 SqFt	Length:	561 Ft	Width:	158 Ft	Last Const.:	1/1/1900
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft
Shoulder:		Street Type:		Grade:	0	Lanes:	0
Section Comments:							

Work Date:	1/1/1900	Work Type:	New Construction - Initial	Code:	NC-IN	Is Major M&R:	True
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Last Insp. Date:	9/14/2021	TotalSamples:	19	Surveyed:	8
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Conditions: PCI: 71

Inspection Comments:

Sample Number:	11	Type:	R	Area:	4105.50 SqFt	PCI:	66
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Sample Comments:

Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	M	45.00 Ft	1.1	11.7	
48	L & T CR	M	45.00 Ft	1.1	11.7	
48	L & T CR	M	45.00 Ft	1.1	11.7	
48	L & T CR	M	45.00 Ft	1.1	11.7	
50	PATCHING	M	4.00 SqFt	0.1	6.2	anchors
57	WEATHERING	L	4105.50 SqFt	100.0	6.0	

Sample Number:	14	Type:	R	Area:	4295.00 SqFt	PCI:	75
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Sample Comments:

Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	M	8.00 Ft	0.2	4.9	
48	L & T CR	M	12.00 Ft	0.3	6.2	
48	L & T CR	M	20.00 Ft	0.5	8.0	
48	L & T CR	M	4.00 Ft	0.1	4.0	
48	L & T CR	M	3.00 Ft	0.1	4.0	
57	WEATHERING	M	4295.00 SqFt	100.0	20.3	

Sample Number:	17	Type:	R	Area:	5343.00 SqFt	PCI:	71
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Sample Comments:

Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	M	90.00 Ft	1.7	14.4	
48	L & T CR	M	20.00 Ft	0.4	7.2	
48	L & T CR	M	14.00 Ft	0.3	6.0	
48	L & T CR	M	48.00 Ft	0.9	10.7	
48	L & T CR	M	28.00 Ft	0.5	8.5	
48	L & T CR	M	29.00 Ft	0.5	8.6	
57	WEATHERING	L	5343.00 SqFt	100.0	6.0	

Sample Number: 19		Type: R	Area:		4137.00 SqFt		PCI: 69	
Sample Comments:								
Distress	Description	Severity	Quantity		Density	Deduct	Comments	
48	L & T CR	M	17.00	Ft	0.4	7.6		
48	L & T CR	M	24.00	Ft	0.6	8.9		
48	L & T CR	M	45.00	Ft	1.1	11.7		
48	L & T CR	M	27.00	Ft	0.7	9.3		
48	L & T CR	M	16.00	Ft	0.4	7.4		
48	L & T CR	M	48.00	Ft	1.2	12.0		
50	PATCHING	L	3.00	SqFt	0.1	2.0	anchors	
57	WEATHERING	L	4137.00	SqFt	100.0	6.0		

Sample Number: 2		Type: R	Area:		5029.67 SqFt	PCI: 73
Sample Comments:						
Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	M	61.00 Ft	1.2	12.3	
48	L & T CR	M	3.00 Ft	0.1	4.0	
48	L & T CR	M	15.00 Ft	0.3	6.5	
48	L & T CR	M	14.00 Ft	0.3	6.2	
48	L & T CR	M	20.00 Ft	0.4	7.5	
48	L & T CR	M	13.00 Ft	0.3	6.0	
48	L & T CR	M	58.00 Ft	1.2	12.0	
57	WEATHERING	L	5029.67 SqFt	100.0	6.0	

Sample Number: 4		Type: R	Area:		5029.67 SqFt		PCI: 73	
Sample Comments:								
Distress	Description	Severity	Quantity		Density	Deduct	Comments	
48	L & T CR	M	44.00	Ft	0.9	10.6		
48	L & T CR	M	12.00	Ft	0.2	5.7		
48	L & T CR	M	6.00	Ft	0.1	4.0		
48	L & T CR	M	58.00	Ft	1.2	12.0		
48	L & T CR	M	9.00	Ft	0.2	4.8		
48	L & T CR	M	27.00	Ft	0.5	8.6		
50	PATCHING	L	3.00	SqFt	0.1	2.0	anchors	
50	PATCHING	L	3.00	SqFt	0.1	2.0	anchors	
57	WEATHERING	L	5029.67	SqFt	100.0	6.0		

Sample Number: 6		Type: R	Area: 5029.67 SqFt		PCI: 69	
Sample Comments:						
Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	L	60.00 Ft	1.2	5.4	
48	L & T CR	M	58.00 Ft	1.2	12.0	
48	L & T CR	M	50.00 Ft	1.0	11.2	
50	PATCHING	L	3.00 SqFt	0.1	2.0	anchors

50	PATCHING	M	15.00	SqFt	0.3	7.5
50	PATCHING	M	15.00	SqFt	0.3	7.5
57	WEATHERING	L	5029.67	SqFt	100.0	6.0

Sample Number: 9 **Type:** R **Area:** 4105.50 SqFt **PCI:** 69

Sample Comments:

Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	M	14.00 Ft	0.3	6.9	
48	L & T CR	M	16.00 Ft	0.4	7.4	
48	L & T CR	M	12.00 Ft	0.3	6.4	
48	L & T CR	M	11.00 Ft	0.3	6.1	
48	L & T CR	M	23.00 Ft	0.6	8.7	
48	L & T CR	M	88.00 Ft	2.1	16.3	
49	OIL SPILLAGE	N	16.00 SqFt	0.4	3.0	
57	WEATHERING	L	4105.50 SqFt	100.0	6.0	

Network:		N12		Name:		Lakewood Airport																	
Branch:		RW 6-24		Name:		Runway 6-24		Use:		RUNWAY		Area:		193,800 SqFt									
Section:		1		of		1		From:		RW 6		To:		RW 24		Last Const.:		1/1/1900					
Surface:		AC		Family:		DEFAULT		Zone:				Category:				Rank:		A					
Area:		193,800 SqFt		Length:		3,230 Ft		Width:		60 Ft													
Slabs:		Slab Length:		Ft		Slab Width:		Ft		Joint Length:		Ft											
Shoulder:		Street Type:				Grade:		0		Lanes:		0											
Section Comments:																							
Work Date:				1/1/1900				Work Type:				New Construction - Initial				Code:		NC-IN		Is Major M&R:		True	
Last Insp. Date:				8/31/2021				TotalSamples:				42				Surveyed:		12					
Conditions:				PCI:				44															
Inspection Comments:				SU 13 was inspected on 9/14/21, transferred over to 8/31/21 inspection to export in the report																			
Sample Number:				1		Type:		R		Area:				4614.29 SqFt				PCI:		39			
Sample Comments:																							
Distress		Description				Severity		Quantity		Density		Deduct		Comments									
48	L & T CR				L		5.00 Ft		0.1		2.5												
48	L & T CR				M		25.00 Ft		0.5		8.6												
48	L & T CR				M		10.00 Ft		0.2		5.4												
48	L & T CR				M		84.00 Ft		1.8		15.0												
48	L & T CR				M		15.00 Ft		0.3		6.8												
48	L & T CR				M		15.00 Ft		0.3		6.8												
48	L & T CR				M		3.00 Ft		0.1		4.0												
48	L & T CR				M		21.00 Ft		0.5		8.0												
48	L & T CR				M		15.00 Ft		0.3		6.8												
48	L & T CR				M		16.00 Ft		0.3		7.0												
48	L & T CR				M		9.00 Ft		0.2		5.1												
48	L & T CR				M		27.00 Ft		0.6		8.9												
48	L & T CR				M		10.00 Ft		0.2		5.4												
48	L & T CR				M		164.00 Ft		3.6		21.4												
48	L & T CR				M		10.00 Ft		0.2		5.4												
48	L & T CR				M		23.00 Ft		0.5		8.3												
48	L & T CR				M		10.00 Ft		0.2		5.4												
48	L & T CR				M		2.00 Ft		0.0		4.0												
48	L & T CR				H		75.00 Ft		1.6		24.6												
48	L & T CR				H		10.00 Ft		0.2		10.5												
48	L & T CR				H		21.00 Ft		0.5		13.9												
48	L & T CR				H		30.00 Ft		0.7		16.1												
48	L & T CR				H		17.00 Ft		0.4		12.8												
48	L & T CR				H		61.00 Ft		1.3		22.3												
48	L & T CR				H		17.00 Ft		0.4		12.8												
57	WEATHERING				M		4614.00 SqFt		100.0		20.3												

Sample Number: 13		Type: R	Area: 4614.29 SqFt		PCI: 56	
Sample Comments: Completed on 9/14/21, copied over to show in report						
Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	L	41.00 Ft	0.9	4.7	
48	L & T CR	L	130.00 Ft	2.8	9.6	
48	L & T CR	M	30.00 Ft	0.7	9.3	
48	L & T CR	M	9.00 Ft	0.2	5.1	
48	L & T CR	M	14.00 Ft	0.3	6.5	
48	L & T CR	M	10.00 Ft	0.2	5.4	
48	L & T CR	M	10.00 Ft	0.2	5.4	
48	L & T CR	M	6.00 Ft	0.1	4.1	
48	L & T CR	M	8.00 Ft	0.2	4.7	
48	L & T CR	M	38.00 Ft	0.8	10.3	
48	L & T CR	M	15.00 Ft	0.3	6.8	
48	L & T CR	M	70.00 Ft	1.5	13.7	
48	L & T CR	M	4.00 Ft	0.1	4.0	
48	L & T CR	M	4.00 Ft	0.1	4.0	
48	L & T CR	M	4.00 Ft	0.1	4.0	
48	L & T CR	M	6.00 Ft	0.1	4.1	
48	L & T CR	M	30.00 Ft	0.7	9.3	
48	L & T CR	M	5.00 Ft	0.1	4.0	
48	L & T CR	M	30.00 Ft	0.7	9.3	
48	L & T CR	H	20.00 Ft	0.4	13.6	
48	L & T CR	H	25.00 Ft	0.5	14.9	
57	WEATHERING	L	4614.29 SqFt	100.0	6.0	

Sample Number: 17		Type: R	Area: 4614.29 SqFt		PCI: 33	
Sample Comments:						
Distress	Description	Severity	Quantity	Density	Deduct	Comments
43	BLOCK CR	M	60.00 SqFt	1.3	12.8	
48	L & T CR	M	52.00 Ft	1.1	11.9	
48	L & T CR	M	5.00 Ft	0.1	4.0	
48	L & T CR	M	30.00 Ft	0.7	9.3	
48	L & T CR	M	12.00 Ft	0.3	6.0	
48	L & T CR	M	3.00 Ft	0.1	4.0	
48	L & T CR	M	9.00 Ft	0.2	5.1	
48	L & T CR	M	164.00 Ft	3.6	21.4	
48	L & T CR	M	8.00 Ft	0.2	4.7	
48	L & T CR	M	10.00 Ft	0.2	5.4	
48	L & T CR	M	7.00 Ft	0.2	4.4	
48	L & T CR	M	6.00 Ft	0.1	4.1	

48	L & T CR	M	8.00	Ft	0.2	4.7
48	L & T CR	M	12.00	Ft	0.3	6.0
48	L & T CR	M	20.00	Ft	0.4	7.8
48	L & T CR	M	5.00	Ft	0.1	4.0
48	L & T CR	M	7.00	Ft	0.2	4.4
48	L & T CR	M	5.00	Ft	0.1	4.0
48	L & T CR	M	3.00	Ft	0.1	4.0
48	L & T CR	M	16.00	Ft	0.3	7.0
48	L & T CR	M	4.00	Ft	0.1	4.0
48	L & T CR	M	12.00	Ft	0.3	6.0
48	L & T CR	M	3.00	Ft	0.1	4.0
48	L & T CR	H	32.00	Ft	0.7	16.6
48	L & T CR	H	32.00	Ft	0.7	16.6
48	L & T CR	H	23.00	Ft	0.5	14.4
57	WEATHERING	M	2822.00	SqFt	61.2	16.8
57	WEATHERING	H	1792.00	SqFt	38.8	38.4
Sample Number: 21		Type: R	Area: 4614.29 SqFt		PCI: 44	
Sample Comments:						
Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	M	32.00 Ft	0.7	9.6	
48	L & T CR	M	12.00 Ft	0.3	6.0	
48	L & T CR	M	5.00 Ft	0.1	4.0	
48	L & T CR	M	4.00 Ft	0.1	4.0	
48	L & T CR	M	3.00 Ft	0.1	4.0	
48	L & T CR	M	2.00 Ft	0.0	4.0	
48	L & T CR	M	3.00 Ft	0.1	4.0	
48	L & T CR	M	2.00 Ft	0.0	4.0	
48	L & T CR	M	3.00 Ft	0.1	4.0	
48	L & T CR	M	2.00 Ft	0.0	4.0	
48	L & T CR	M	3.00 Ft	0.1	4.0	
48	L & T CR	M	5.00 Ft	0.1	4.0	
48	L & T CR	M	3.00 Ft	0.1	4.0	
48	L & T CR	M	6.00 Ft	0.1	4.1	
48	L & T CR	M	3.00 Ft	0.1	4.0	
48	L & T CR	M	8.00 Ft	0.2	4.7	
48	L & T CR	M	5.00 Ft	0.1	4.0	
48	L & T CR	M	4.00 Ft	0.1	4.0	
48	L & T CR	M	2.00 Ft	0.0	4.0	
48	L & T CR	M	3.00 Ft	0.1	4.0	
48	L & T CR	M	2.00 Ft	0.0	4.0	

48	L & T CR	M	7.00	Ft	0.2	4.4
48	L & T CR	M	2.00	Ft	0.0	4.0
48	L & T CR	M	4.00	Ft	0.1	4.0
48	L & T CR	M	3.00	Ft	0.1	4.0
48	L & T CR	M	4.00	Ft	0.1	4.0
48	L & T CR	H	164.00	Ft	3.6	35.4
48	L & T CR	H	110.00	Ft	2.4	29.5
48	L & T CR	H	32.00	Ft	0.7	16.6
57	WEATHERING	M	4614.00	SqFt	100.0	20.3

Sample Number: 24
Type: R
Area: 4614.29 SqFt
PCI: 55

Sample Comments:

Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	M	7.00	Ft	0.2	4.4
48	L & T CR	M	35.00	Ft	0.8	9.9
48	L & T CR	M	10.00	Ft	0.2	5.4
48	L & T CR	M	10.00	Ft	0.2	5.4
48	L & T CR	M	15.00	Ft	0.3	6.8
48	L & T CR	M	21.00	Ft	0.5	8.0
48	L & T CR	M	10.00	Ft	0.2	5.4
48	L & T CR	M	53.00	Ft	1.1	12.0
48	L & T CR	M	25.00	Ft	0.5	8.6
48	L & T CR	M	5.00	Ft	0.1	4.0
48	L & T CR	M	41.00	Ft	0.9	10.7
48	L & T CR	M	20.00	Ft	0.4	7.8
48	L & T CR	M	7.00	Ft	0.2	4.4
48	L & T CR	M	31.00	Ft	0.7	9.4
48	L & T CR	M	12.00	Ft	0.3	6.0
48	L & T CR	M	3.00	Ft	0.1	4.0
48	L & T CR	M	8.00	Ft	0.2	4.7
48	L & T CR	H	31.00	Ft	0.7	16.4
50	PATCHING	L	328.00	SqFt	7.1	12.1
57	WEATHERING	M	4181.00	SqFt	90.6	19.7
57	WEATHERING	M	105.00	SqFt	2.3	2.4

Sample Number: 28
Type: R
Area: 4614.29 SqFt
PCI: 40

Sample Comments:

Distress	Description	Severity	Quantity	Density	Deduct	Comments
43	BLOCK CR	M	300.00	SqFt	6.5	20.5
48	L & T CR	L	3.00	Ft	0.1	2.5
48	L & T CR	M	2.00	Ft	0.0	4.0
48	L & T CR	M	4.00	Ft	0.1	4.0

48	L & T CR	M	6.00 Ft	0.1	4.1
48	L & T CR	M	164.00 Ft	3.6	21.4
48	L & T CR	M	5.00 Ft	0.1	4.0
48	L & T CR	M	8.00 Ft	0.2	4.7
48	L & T CR	M	5.00 Ft	0.1	4.0
48	L & T CR	M	3.00 Ft	0.1	4.0
48	L & T CR	M	2.00 Ft	0.0	4.0
48	L & T CR	M	5.00 Ft	0.1	4.0
48	L & T CR	M	18.00 Ft	0.4	7.4
48	L & T CR	M	3.00 Ft	0.1	4.0
48	L & T CR	M	2.00 Ft	0.0	4.0
48	L & T CR	M	6.00 Ft	0.1	4.1
48	L & T CR	M	6.00 Ft	0.1	4.1
48	L & T CR	M	26.00 Ft	0.6	8.7
48	L & T CR	M	20.00 Ft	0.4	7.8
48	L & T CR	M	5.00 Ft	0.1	4.0
48	L & T CR	M	4.00 Ft	0.1	4.0
48	L & T CR	M	13.00 Ft	0.3	6.3
48	L & T CR	M	3.00 Ft	0.1	4.0
48	L & T CR	M	15.00 Ft	0.3	6.8
48	L & T CR	M	46.00 Ft	1.0	11.2
48	L & T CR	M	18.00 Ft	0.4	7.4
48	L & T CR	M	3.00 Ft	0.1	4.0
48	L & T CR	M	7.00 Ft	0.2	4.4
48	L & T CR	M	41.00 Ft	0.9	10.7
48	L & T CR	M	5.00 Ft	0.1	4.0
48	L & T CR	M	15.00 Ft	0.3	6.8
48	L & T CR	M	5.00 Ft	0.1	4.0
48	L & T CR	M	6.00 Ft	0.1	4.1
48	L & T CR	M	19.00 Ft	0.4	7.6
48	L & T CR	M	7.00 Ft	0.2	4.4
48	L & T CR	M	9.00 Ft	0.2	5.1
48	L & T CR	M	7.00 Ft	0.2	4.4
48	L & T CR	M	3.00 Ft	0.1	4.0
48	L & T CR	M	18.00 Ft	0.4	7.4
48	L & T CR	M	2.00 Ft	0.0	4.0
48	L & T CR	M	5.00 Ft	0.1	4.0
48	L & T CR	M	7.00 Ft	0.2	4.4
48	L & T CR	H	6.00 Ft	0.1	8.6

57	WEATHERING	M	4464.00	SqFt	96.7	20.1	
57	WEATHERING	H	150.00	SqFt	3.3	13.6	
Sample Number:	32	Type:	R	Area:	4614.29 SqFt	PCI: 49	
Sample Comments:							
Distress	Description	Severity	Quantity		Density	Deduct	Comments
43	BLOCK CR	M	10.00	SqFt	0.2	8.3	
43	BLOCK CR	M	15.00	SqFt	0.3	9.0	
43	BLOCK CR	M	185.00	SqFt	4.0	17.7	
48	L & T CR	M	4.00	Ft	0.1	4.0	
48	L & T CR	M	2.00	Ft	0.0	4.0	
48	L & T CR	M	7.00	Ft	0.2	4.4	
48	L & T CR	M	5.00	Ft	0.1	4.0	
48	L & T CR	M	3.00	Ft	0.1	4.0	
48	L & T CR	M	7.00	Ft	0.2	4.4	
48	L & T CR	M	12.00	Ft	0.3	6.0	
48	L & T CR	M	25.00	Ft	0.5	8.6	
48	L & T CR	M	4.00	Ft	0.1	4.0	
48	L & T CR	M	4.00	Ft	0.1	4.0	
48	L & T CR	M	20.00	Ft	0.4	7.8	
48	L & T CR	M	10.00	Ft	0.2	5.4	
48	L & T CR	M	2.00	Ft	0.0	4.0	
48	L & T CR	M	10.00	Ft	0.2	5.4	
48	L & T CR	M	17.00	Ft	0.4	7.2	
48	L & T CR	M	10.00	Ft	0.2	5.4	
48	L & T CR	M	5.00	Ft	0.1	4.0	
48	L & T CR	M	3.00	Ft	0.1	4.0	
48	L & T CR	M	7.00	Ft	0.2	4.4	
48	L & T CR	M	5.00	Ft	0.1	4.0	
48	L & T CR	M	10.00	Ft	0.2	5.4	
48	L & T CR	M	10.00	Ft	0.2	5.4	
48	L & T CR	M	8.00	Ft	0.2	4.7	
48	L & T CR	M	2.00	Ft	0.0	4.0	
48	L & T CR	M	16.00	Ft	0.3	7.0	
48	L & T CR	M	19.00	Ft	0.4	7.6	
48	L & T CR	M	33.00	Ft	0.7	9.7	
48	L & T CR	M	3.00	Ft	0.1	4.0	
48	L & T CR	M	2.00	Ft	0.0	4.0	
48	L & T CR	M	4.00	Ft	0.1	4.0	
48	L & T CR	M	2.00	Ft	0.0	4.0	

48	L & T CR	M	3.00	Ft	0.1	4.0
48	L & T CR	M	2.00	Ft	0.0	4.0
48	L & T CR	M	164.00	Ft	3.6	21.4
48	L & T CR	M	19.00	Ft	0.4	7.6
48	L & T CR	M	2.00	Ft	0.0	4.0
50	PATCHING	M	1.00	SqFt	0.0	6.2
57	WEATHERING	M	4613.00	SqFt	100.0	20.3

Sample Number: 36
Type: R
Area: 4614.29 SqFt
PCI: 49

Sample Comments:

Distress	Description	Severity	Quantity		Density	Deduct	Comments
43	BLOCK CR	M	2256.00	SqFt	48.9	40.5	
43	BLOCK CR	M	84.00	SqFt	1.8	14.1	
48	L & T CR	M	5.00	Ft	0.1	4.0	
48	L & T CR	M	5.00	Ft	0.1	4.0	
48	L & T CR	M	2.00	Ft	0.0	4.0	
48	L & T CR	M	3.00	Ft	0.1	4.0	
48	L & T CR	M	3.00	Ft	0.1	4.0	
48	L & T CR	M	7.00	Ft	0.2	4.4	
48	L & T CR	M	3.00	Ft	0.1	4.0	
48	L & T CR	M	18.00	Ft	0.4	7.4	
48	L & T CR	M	2.00	Ft	0.0	4.0	
48	L & T CR	M	3.00	Ft	0.1	4.0	
57	WEATHERING	M	4614.00	SqFt	100.0	20.3	

Sample Number: 40
Type: R
Area: 4614.29 SqFt
PCI: 47

Sample Comments:

Distress	Description	Severity	Quantity		Density	Deduct	Comments
43	BLOCK CR	M	2624.00	SqFt	56.9	42.9	
48	L & T CR	M	164.00	Ft	3.6	21.4	
57	WEATHERING	M	4614.00	SqFt	100.0	20.3	

Sample Number: 5
Type: R
Area: 4614.29 SqFt
PCI: 26

Sample Comments:

Distress	Description	Severity	Quantity		Density	Deduct	Comments
43	BLOCK CR	M	378.00	SqFt	8.2	22.0	
48	L & T CR	M	5.00	Ft	0.1	4.0	
48	L & T CR	M	5.00	Ft	0.1	4.0	
48	L & T CR	M	3.00	Ft	0.1	4.0	
48	L & T CR	M	3.00	Ft	0.1	4.0	
48	L & T CR	M	5.00	Ft	0.1	4.0	
48	L & T CR	M	8.00	Ft	0.2	4.7	
48	L & T CR	M	4.00	Ft	0.1	4.0	

48	L & T CR	M	6.00 Ft	0.1	4.1
48	L & T CR	M	16.00 Ft	0.3	7.0
48	L & T CR	M	5.00 Ft	0.1	4.0
48	L & T CR	M	12.00 Ft	0.3	6.0
48	L & T CR	M	140.00 Ft	3.0	19.6
48	L & T CR	M	164.00 Ft	3.6	21.4
48	L & T CR	M	10.00 Ft	0.2	5.4
48	L & T CR	M	18.00 Ft	0.4	7.4
48	L & T CR	M	10.00 Ft	0.2	5.4
48	L & T CR	M	22.00 Ft	0.5	8.1
48	L & T CR	M	3.00 Ft	0.1	4.0
48	L & T CR	M	5.00 Ft	0.1	4.0
48	L & T CR	M	16.00 Ft	0.3	7.0
48	L & T CR	M	5.00 Ft	0.1	4.0
48	L & T CR	M	5.00 Ft	0.1	4.0
48	L & T CR	M	14.00 Ft	0.3	6.5
48	L & T CR	M	3.00 Ft	0.1	4.0
48	L & T CR	M	2.00 Ft	0.0	4.0
48	L & T CR	M	4.00 Ft	0.1	4.0
48	L & T CR	M	10.00 Ft	0.2	5.4
48	L & T CR	M	22.00 Ft	0.5	8.1
48	L & T CR	M	11.00 Ft	0.2	5.7
48	L & T CR	M	10.00 Ft	0.2	5.4
48	L & T CR	M	8.00 Ft	0.2	4.7
48	L & T CR	M	15.00 Ft	0.3	6.8
48	L & T CR	M	16.00 Ft	0.3	7.0
48	L & T CR	M	8.00 Ft	0.2	4.7
48	L & T CR	M	60.00 Ft	1.3	12.7
48	L & T CR	M	10.00 Ft	0.2	5.4
48	L & T CR	M	28.00 Ft	0.6	9.0
48	L & T CR	M	10.00 Ft	0.2	5.4
48	L & T CR	M	5.00 Ft	0.1	4.0
48	L & T CR	M	7.00 Ft	0.2	4.4
48	L & T CR	M	5.00 Ft	0.1	4.0
48	L & T CR	M	3.00 Ft	0.1	4.0
48	L & T CR	M	3.00 Ft	0.1	4.0
48	L & T CR	M	22.00 Ft	0.5	8.1
48	L & T CR	M	12.00 Ft	0.3	6.0
48	L & T CR	M	14.00 Ft	0.3	6.5

57	WEATHERING	M	1384.00	SqFt	30.0	11.4
57	WEATHERING	H	3229.00	SqFt	70.0	49.0
Sample Number: 7 Type: R Area: 4614.29 SqFt PCI: 43 Sample Comments:						
Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	L	2.00 Ft	0.0	2.5	
48	L & T CR	M	32.00 Ft	0.7	9.6	
48	L & T CR	M	3.00 Ft	0.1	4.0	
48	L & T CR	M	4.00 Ft	0.1	4.0	
48	L & T CR	M	3.00 Ft	0.1	4.0	
48	L & T CR	M	5.00 Ft	0.1	4.0	
48	L & T CR	M	5.00 Ft	0.1	4.0	
48	L & T CR	M	8.00 Ft	0.2	4.7	
48	L & T CR	M	7.00 Ft	0.2	4.4	
48	L & T CR	M	6.00 Ft	0.1	4.1	
48	L & T CR	M	2.00 Ft	0.0	4.0	
48	L & T CR	M	36.00 Ft	0.8	10.1	
48	L & T CR	M	12.00 Ft	0.3	6.0	
48	L & T CR	M	6.00 Ft	0.1	4.1	
48	L & T CR	M	8.00 Ft	0.2	4.7	
48	L & T CR	M	12.00 Ft	0.3	6.0	
48	L & T CR	M	4.00 Ft	0.1	4.0	
48	L & T CR	M	4.00 Ft	0.1	4.0	
48	L & T CR	M	5.00 Ft	0.1	4.0	
48	L & T CR	M	7.00 Ft	0.2	4.4	
48	L & T CR	M	24.00 Ft	0.5	8.4	
48	L & T CR	M	10.00 Ft	0.2	5.4	
48	L & T CR	M	24.00 Ft	0.5	8.4	
48	L & T CR	M	6.00 Ft	0.1	4.1	
48	L & T CR	M	15.00 Ft	0.3	6.8	
48	L & T CR	M	3.00 Ft	0.1	4.0	
48	L & T CR	M	3.00 Ft	0.1	4.0	
48	L & T CR	M	30.00 Ft	0.7	9.3	
48	L & T CR	M	10.00 Ft	0.2	5.4	
48	L & T CR	M	2.00 Ft	0.0	4.0	
48	L & T CR	M	8.00 Ft	0.2	4.7	
48	L & T CR	M	6.00 Ft	0.1	4.1	
48	L & T CR	M	7.00 Ft	0.2	4.4	

48	L & T CR	M	37.00	Ft	0.8	10.2
48	L & T CR	M	4.00	Ft	0.1	4.0
48	L & T CR	M	164.00	Ft	3.6	21.4
48	L & T CR	H	16.00	Ft	0.3	12.5
48	L & T CR	H	41.00	Ft	0.9	18.6
48	L & T CR	H	32.00	Ft	0.7	16.6
57	WEATHERING	M	4464.00	SqFt	96.7	20.1
57	WEATHERING	H	150.00	SqFt	3.3	13.6
Sample Number: 9		Type: R	Area: 4614.29 SqFt		PCI: 48	
Sample Comments:						
Distress	Description	Severity	Quantity	Density	Deduct	Comments
43	BLOCK CR	M	5.00 SqFt	0.1	7.8	
43	BLOCK CR	M	255.00 SqFt	5.5	19.5	
48	L & T CR	M	5.00 Ft	0.1	4.0	
48	L & T CR	M	2.00 Ft	0.0	4.0	
48	L & T CR	M	32.00 Ft	0.7	9.6	
48	L & T CR	M	4.00 Ft	0.1	4.0	
48	L & T CR	M	4.00 Ft	0.1	4.0	
48	L & T CR	M	6.00 Ft	0.1	4.1	
48	L & T CR	M	5.00 Ft	0.1	4.0	
48	L & T CR	M	7.00 Ft	0.2	4.4	
48	L & T CR	M	20.00 Ft	0.4	7.8	
48	L & T CR	M	4.00 Ft	0.1	4.0	
48	L & T CR	M	4.00 Ft	0.1	4.0	
48	L & T CR	M	4.00 Ft	0.1	4.0	
48	L & T CR	M	3.00 Ft	0.1	4.0	
48	L & T CR	M	164.00 Ft	3.6	21.4	
48	L & T CR	M	13.00 Ft	0.3	6.3	
48	L & T CR	M	5.00 Ft	0.1	4.0	
48	L & T CR	M	5.00 Ft	0.1	4.0	
48	L & T CR	M	4.00 Ft	0.1	4.0	
48	L & T CR	M	5.00 Ft	0.1	4.0	
48	L & T CR	M	3.00 Ft	0.1	4.0	
48	L & T CR	M	2.00 Ft	0.0	4.0	
48	L & T CR	M	7.00 Ft	0.2	4.4	
48	L & T CR	H	12.00 Ft	0.3	11.2	
48	L & T CR	H	32.00 Ft	0.7	16.6	
57	WEATHERING	M	4538.00 SqFt	98.3	20.2	
57	WEATHERING	H	28.00 SqFt	0.6	6.6	
57	WEATHERING	H	48.00 SqFt	1.0	8.3	

Network:	N12		Name:	Lakewood Airport							
Branch:	TW A		Name:	Taxiway A		Use:	TAXIWAY	Area:	95,504 SqFt		
Section:	1	of	1	From:	RW 6		To:	RW 24		Last Const.:	1/1/1900
Surface:	AC		Family:	DEFAULT		Zone:			Category:	Rank: A	
Area:	95,504 SqFt		Length:	3,183 Ft		Width:	30 Ft				
Slabs:	Slab Length:		Ft		Slab Width:		Ft		Joint Length:		30 Ft
Shoulder:	Street Type:				Grade:		0		Lanes:		0
Section Comments:											
Work Date:	1/1/1900		Work Type: New Construction - Initial				Code:	NC-IN		Is Major M&R: True	
Last Insp. Date:	9/14/2021		TotalSamples:		20		Surveyed:		10		
Conditions:	PCI: 56										
Inspection Comments: SU 9, 10, 13, 16, and 18 were surveyed on 8/31/21, they were moved into this inspection											
Sample Number:	1	Type:	R	Area:	4976.23 SqFt		PCI:	72			
Sample Comments:											
Distress	Description		Severity	Quantity		Density	Deduct	Comments			
48	L & T CR		L	14.00	Ft	0.3	3.5				
48	L & T CR		L	6.00	Ft	0.1	2.5				
48	L & T CR		L	13.00	Ft	0.3	3.4				
48	L & T CR		L	37.00	Ft	0.7	4.5				
48	L & T CR		L	13.00	Ft	0.3	3.4				
48	L & T CR		L	6.00	Ft	0.1	2.5				
48	L & T CR		L	20.00	Ft	0.4	3.9				
48	L & T CR		L	8.00	Ft	0.2	2.8				
48	L & T CR		L	3.00	Ft	0.1	2.5				
48	L & T CR		L	5.00	Ft	0.1	2.5				
48	L & T CR		L	18.00	Ft	0.4	3.8				
48	L & T CR		L	19.00	Ft	0.4	3.8				
48	L & T CR		L	18.00	Ft	0.4	3.8				
48	L & T CR		L	10.00	Ft	0.2	3.1				
48	L & T CR		L	12.00	Ft	0.2	3.4				
48	L & T CR		M	28.00	Ft	0.6	8.7				
48	L & T CR		M	10.00	Ft	0.2	5.2				
48	L & T CR		M	5.00	Ft	0.1	4.0				
48	L & T CR		M	7.00	Ft	0.1	4.3				
48	L & T CR		M	25.00	Ft	0.5	8.3				
48	L & T CR		M	17.00	Ft	0.3	6.9				
48	L & T CR		M	25.00	Ft	0.5	8.3				
48	L & T CR		M	14.00	Ft	0.3	6.3				
57	WEATHERING		L	4976.00	SqFt	100.0	6.0				
Sample Number:	10	Type:	R	Area:	4976.23 SqFt		PCI:	58			
Sample Comments:											
Distress	Description		Severity	Quantity		Density	Deduct	Comments			

48	L & T CR	L	3.00	Ft	0.1	2.5
48	L & T CR	M	4.00	Ft	0.1	4.0
48	L & T CR	M	3.00	Ft	0.1	4.0
48	L & T CR	M	3.00	Ft	0.1	4.0
48	L & T CR	M	43.00	Ft	0.9	10.5
48	L & T CR	M	12.50	Ft	0.3	5.9
48	L & T CR	M	12.50	Ft	0.3	5.9
48	L & T CR	M	33.00	Ft	0.7	9.4
48	L & T CR	M	12.50	Ft	0.3	5.9
48	L & T CR	M	4.00	Ft	0.1	4.0
48	L & T CR	M	3.00	Ft	0.1	4.0
48	L & T CR	M	19.00	Ft	0.4	7.3
48	L & T CR	M	13.00	Ft	0.3	6.0
48	L & T CR	M	23.00	Ft	0.5	8.0
48	L & T CR	M	12.00	Ft	0.2	5.7
48	L & T CR	M	12.50	Ft	0.3	5.9
48	L & T CR	M	12.50	Ft	0.3	5.9
48	L & T CR	M	14.00	Ft	0.3	6.3
48	L & T CR	H	10.00	Ft	0.2	10.2
48	L & T CR	H	12.50	Ft	0.3	11.1
48	L & T CR	H	25.00	Ft	0.5	14.5
48	L & T CR	H	25.00	Ft	0.5	14.5
57	WEATHERING	M	4976.00	SqFt	100.0	20.3

Sample Number: 13

Type: R

Area: 4976.23 SqFt

PCI: 71

Sample Comments:

Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	M	11.00	Ft	0.2	5.5
48	L & T CR	M	18.00	Ft	0.4	7.1
48	L & T CR	M	10.00	Ft	0.2	5.2
48	L & T CR	M	12.00	Ft	0.2	5.7
48	L & T CR	M	3.00	Ft	0.1	4.0
48	L & T CR	M	12.00	Ft	0.2	5.7
48	L & T CR	M	25.00	Ft	0.5	8.3
48	L & T CR	M	12.50	Ft	0.3	5.9
48	L & T CR	M	20.00	Ft	0.4	7.5
48	L & T CR	M	12.50	Ft	0.3	5.9
48	L & T CR	M	3.00	Ft	0.1	4.0
48	L & T CR	H	12.50	Ft	0.3	11.1
48	L & T CR	H	13.00	Ft	0.3	11.3
48	L & T CR	H	25.00	Ft	0.5	14.5

48	L & T CR	H	13.00	Ft	0.3	11.3
48	L & T CR	H	13.00	Ft	0.3	11.3
Sample Number:		16	Type:	R	Area:	4976.23 SqFt
Sample Comments:		PCI: 37				
Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	L	3.00	Ft	0.1	2.5
48	L & T CR	L	5.00	Ft	0.1	2.5
48	L & T CR	L	2.00	Ft	0.0	2.5
48	L & T CR	L	2.00	Ft	0.0	2.5
48	L & T CR	L	3.00	Ft	0.1	2.5
48	L & T CR	M	5.00	Ft	0.1	4.0
48	L & T CR	M	12.50	Ft	0.3	5.9
48	L & T CR	M	3.00	Ft	0.1	4.0
48	L & T CR	M	200.00	Ft	4.0	22.8
48	L & T CR	M	9.00	Ft	0.2	4.9
48	L & T CR	M	7.00	Ft	0.1	4.3
48	L & T CR	M	5.00	Ft	0.1	4.0
48	L & T CR	M	9.00	Ft	0.2	4.9
48	L & T CR	M	17.00	Ft	0.3	6.9
48	L & T CR	M	12.50	Ft	0.3	5.9
48	L & T CR	M	7.00	Ft	0.1	4.3
48	L & T CR	M	12.50	Ft	0.3	5.9
48	L & T CR	M	9.00	Ft	0.2	4.9
48	L & T CR	M	12.50	Ft	0.3	5.9
48	L & T CR	M	12.50	Ft	0.3	5.9
48	L & T CR	M	2.00	Ft	0.0	4.0
48	L & T CR	M	5.00	Ft	0.1	4.0
48	L & T CR	M	15.00	Ft	0.3	6.5
48	L & T CR	M	7.00	Ft	0.1	4.3
48	L & T CR	M	3.00	Ft	0.1	4.0
48	L & T CR	M	60.00	Ft	1.2	12.2
48	L & T CR	M	12.00	Ft	0.2	5.7
48	L & T CR	M	12.50	Ft	0.3	5.9
48	L & T CR	M	6.50	Ft	0.1	4.1
48	L & T CR	M	2.00	Ft	0.0	4.0
48	L & T CR	M	12.50	Ft	0.3	5.9
48	L & T CR	M	13.00	Ft	0.3	6.0
48	L & T CR	M	2.00	Ft	0.0	4.0
48	L & T CR	M	13.00	Ft	0.3	6.0
48	L & T CR	M	7.00	Ft	0.1	4.3

48	L & T CR	M	4.00	Ft	0.1	4.0
48	L & T CR	M	6.00	Ft	0.1	4.0
48	L & T CR	M	15.00	Ft	0.3	6.5
48	L & T CR	M	89.00	Ft	1.8	14.8
48	L & T CR	M	13.00	Ft	0.3	6.0
48	L & T CR	M	4.00	Ft	0.1	4.0
48	L & T CR	H	12.50	Ft	0.3	11.1
48	L & T CR	H	12.50	Ft	0.3	11.1
48	L & T CR	H	40.00	Ft	0.8	17.7
48	L & T CR	H	70.00	Ft	1.4	23.0
48	L & T CR	H	25.00	Ft	0.5	14.5
48	L & T CR	H	6.00	Ft	0.1	8.3
48	L & T CR	H	25.00	Ft	0.5	14.5
48	L & T CR	H	27.00	Ft	0.5	14.9
48	L & T CR	H	10.00	Ft	0.2	10.2
57	WEATHERING	M	4976.00	SqFt	100.0	20.3

Sample Number: 18

Type: R

Area: 6804.68 SqFt

PCI: 40

Sample Comments:

Distress	Description	Severity	Quantity	Density	Deduct	Comments
43	BLOCK CR	M	3330.00	SqFt	48.9	40.5
48	L & T CR	M	8.00	Ft	0.1	4.0
48	L & T CR	M	5.00	Ft	0.1	4.0
48	L & T CR	M	15.00	Ft	0.2	5.4
48	L & T CR	M	5.00	Ft	0.1	4.0
48	L & T CR	M	7.00	Ft	0.1	4.0
48	L & T CR	M	32.00	Ft	0.5	8.1
48	L & T CR	M	2.00	Ft	0.0	4.0
48	L & T CR	M	32.00	Ft	0.5	8.1
48	L & T CR	M	7.00	Ft	0.1	4.0
48	L & T CR	M	175.00	Ft	2.6	17.9
48	L & T CR	M	3.00	Ft	0.0	4.0
48	L & T CR	M	3.00	Ft	0.0	4.0
48	L & T CR	M	21.00	Ft	0.3	6.6
48	L & T CR	M	15.00	Ft	0.2	5.4
48	L & T CR	M	3.00	Ft	0.0	4.0
48	L & T CR	M	8.00	Ft	0.1	4.0
48	L & T CR	M	5.00	Ft	0.1	4.0
48	L & T CR	M	3.00	Ft	0.0	4.0
48	L & T CR	M	15.00	Ft	0.2	5.4
48	L & T CR	M	3.00	Ft	0.0	4.0

48	L & T CR	M	3.00	Ft	0.0	4.0
48	L & T CR	M	5.00	Ft	0.1	4.0
48	L & T CR	M	5.00	Ft	0.1	4.0
48	L & T CR	M	12.00	Ft	0.2	4.8
48	L & T CR	M	2.00	Ft	0.0	4.0
48	L & T CR	M	5.00	Ft	0.1	4.0
48	L & T CR	M	7.00	Ft	0.1	4.0
48	L & T CR	M	5.00	Ft	0.1	4.0
48	L & T CR	M	6.00	Ft	0.1	4.0
48	L & T CR	M	3.00	Ft	0.0	4.0
48	L & T CR	M	3.00	Ft	0.0	4.0
48	L & T CR	M	30.00	Ft	0.4	7.8
48	L & T CR	M	5.00	Ft	0.1	4.0
48	L & T CR	M	8.00	Ft	0.1	4.0
48	L & T CR	M	3.00	Ft	0.0	4.0
48	L & T CR	H	23.00	Ft	0.3	12.4
57	WEATHERING	M	6804.00	SqFt	100.0	20.3

Sample Number: 19

Type: R

Area: 3784.69 SqFt

PCI: 48

Sample Comments:

Distress	Description	Severity	Quantity	Density	Deduct	Comments
43	BLOCK CR	M	1224.00	SqFt	32.3	34.9
48	L & T CR	M	18.00	Ft	0.5	8.1
48	L & T CR	M	28.00	Ft	0.7	9.8
48	L & T CR	M	10.00	Ft	0.3	6.0
48	L & T CR	M	40.00	Ft	1.1	11.5
48	L & T CR	M	18.00	Ft	0.5	8.1
48	L & T CR	M	50.00	Ft	1.3	12.8
48	L & T CR	M	28.00	Ft	0.7	9.8
48	L & T CR	M	28.00	Ft	0.7	9.8
57	WEATHERING	M	3784.69	SqFt	100.0	20.3

Sample Number: 20

Type: R

Area: 3784.69 SqFt

PCI: 67

Sample Comments:

Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	M	2.00	Ft	0.1	4.0
48	L & T CR	M	7.00	Ft	0.2	4.9
48	L & T CR	M	4.00	Ft	0.1	4.0
48	L & T CR	M	6.00	Ft	0.2	4.5
48	L & T CR	M	3.00	Ft	0.1	4.0
48	L & T CR	M	5.00	Ft	0.1	4.1
48	L & T CR	M	7.00	Ft	0.2	4.9

48	L & T CR	M	50.00	Ft	1.3	12.8
48	L & T CR	M	15.00	Ft	0.4	7.5
48	L & T CR	M	3.00	Ft	0.1	4.0
48	L & T CR	M	17.00	Ft	0.4	7.9
48	L & T CR	M	5.00	Ft	0.1	4.1
48	L & T CR	M	2.00	Ft	0.1	4.0
48	L & T CR	M	12.00	Ft	0.3	6.7
48	L & T CR	M	5.00	Ft	0.1	4.1
48	L & T CR	M	7.00	Ft	0.2	4.9
48	L & T CR	H	6.00	Ft	0.2	9.3
57	WEATHERING	M	3784.69	SqFt	100.0	20.3

Sample Number: 3
Type: R
Area: 4976.23 SqFt
PCI: 59

Sample Comments:

Distress	Description	Severity	Quantity		Density	Deduct	Comments
43	BLOCK CR	M	360.00	SqFt	7.2	21.2	
48	L & T CR	L	4.00	Ft	0.1	2.5	
48	L & T CR	L	11.00	Ft	0.2	3.2	
48	L & T CR	L	4.00	Ft	0.1	2.5	
48	L & T CR	L	6.00	Ft	0.1	2.5	
48	L & T CR	L	4.00	Ft	0.1	2.5	
48	L & T CR	L	8.00	Ft	0.2	2.8	
48	L & T CR	L	4.00	Ft	0.1	2.5	
48	L & T CR	L	4.00	Ft	0.1	2.5	
48	L & T CR	L	25.00	Ft	0.5	4.1	
48	L & T CR	L	10.00	Ft	0.2	3.1	
48	L & T CR	L	8.00	Ft	0.2	2.8	
48	L & T CR	L	5.00	Ft	0.1	2.5	
48	L & T CR	L	12.00	Ft	0.2	3.4	
48	L & T CR	L	11.00	Ft	0.2	3.2	
48	L & T CR	M	10.00	Ft	0.2	5.2	
48	L & T CR	M	12.50	Ft	0.3	5.9	
48	L & T CR	M	25.00	Ft	0.5	8.3	
48	L & T CR	M	20.00	Ft	0.4	7.5	
48	L & T CR	M	8.00	Ft	0.2	4.5	
48	L & T CR	M	25.00	Ft	0.5	8.3	
48	L & T CR	M	12.00	Ft	0.2	5.7	
48	L & T CR	M	15.00	Ft	0.3	6.5	
48	L & T CR	M	4.00	Ft	0.1	4.0	
48	L & T CR	M	14.00	Ft	0.3	6.3	
48	L & T CR	M	9.00	Ft	0.2	4.9	

48	L & T CR	M	35.00	Ft	0.7	9.6
48	L & T CR	M	14.00	Ft	0.3	6.3
48	L & T CR	M	12.50	Ft	0.3	5.9
48	L & T CR	M	43.00	Ft	0.9	10.5
57	WEATHERING	L	4976.00	SqFt	100.0	6.0

Sample Number: 6

Type: R

Area: 4976.23 SqFt

PCI: 50

Sample Comments:

Distress	Description	Severity	Quantity		Density	Deduct	Comments
43	BLOCK CR	L	840.00	SqFt	16.9	20.1	
48	L & T CR	L	4.00	Ft	0.1	2.5	
48	L & T CR	L	12.00	Ft	0.2	3.4	
48	L & T CR	L	4.00	Ft	0.1	2.5	
48	L & T CR	L	11.00	Ft	0.2	3.2	
48	L & T CR	L	8.00	Ft	0.2	2.8	
48	L & T CR	L	4.00	Ft	0.1	2.5	
48	L & T CR	L	6.00	Ft	0.1	2.5	
48	L & T CR	L	54.00	Ft	1.1	5.1	
48	L & T CR	L	4.00	Ft	0.1	2.5	
48	L & T CR	L	8.00	Ft	0.2	2.8	
48	L & T CR	L	6.00	Ft	0.1	2.5	
48	L & T CR	L	7.00	Ft	0.1	2.7	
48	L & T CR	L	4.00	Ft	0.1	2.5	
48	L & T CR	L	4.00	Ft	0.1	2.5	
48	L & T CR	L	4.00	Ft	0.1	2.5	
48	L & T CR	L	4.00	Ft	0.1	2.5	
48	L & T CR	L	25.00	Ft	0.5	4.1	
48	L & T CR	M	12.50	Ft	0.3	5.9	
48	L & T CR	M	100.00	Ft	2.0	15.7	
48	L & T CR	M	10.00	Ft	0.2	5.2	
48	L & T CR	M	12.50	Ft	0.3	5.9	
48	L & T CR	M	22.00	Ft	0.4	7.8	
48	L & T CR	M	25.00	Ft	0.5	8.3	
48	L & T CR	M	10.00	Ft	0.2	5.2	
48	L & T CR	M	10.00	Ft	0.2	5.2	
48	L & T CR	M	12.50	Ft	0.3	5.9	
48	L & T CR	M	10.00	Ft	0.2	5.2	
48	L & T CR	M	100.00	Ft	2.0	15.7	
48	L & T CR	M	25.00	Ft	0.5	8.3	
48	L & T CR	M	30.00	Ft	0.6	9.0	
48	L & T CR	M	12.00	Ft	0.2	5.7	
48	L & T CR	M	6.00	Ft	0.1	4.0	

48	L & T CR	M	12.00	Ft	0.2	5.7
48	L & T CR	M	12.00	Ft	0.2	5.7
48	L & T CR	M	12.00	Ft	0.2	5.7
48	L & T CR	M	12.00	Ft	0.2	5.7
57	WEATHERING	M	4976.00	SqFt	100.0	20.3

Sample Number:	9	Type:	R	Area:	4976.23 SqFt	PCI:	68
Sample Comments:							

Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	L	3.00	Ft	0.1	2.5
48	L & T CR	L	1.00	Ft	0.0	2.5
48	L & T CR	L	3.00	Ft	0.1	2.5
48	L & T CR	M	7.00	Ft	0.1	4.3
48	L & T CR	M	2.00	Ft	0.0	4.0
48	L & T CR	M	4.00	Ft	0.1	4.0
48	L & T CR	M	7.00	Ft	0.1	4.3
48	L & T CR	M	6.00	Ft	0.1	4.0
48	L & T CR	M	4.00	Ft	0.1	4.0
48	L & T CR	M	6.00	Ft	0.1	4.0
48	L & T CR	M	3.00	Ft	0.1	4.0
48	L & T CR	M	5.00	Ft	0.1	4.0
48	L & T CR	M	13.00	Ft	0.3	6.0
48	L & T CR	M	25.00	Ft	0.5	8.3
48	L & T CR	M	10.00	Ft	0.2	5.2
48	L & T CR	M	3.00	Ft	0.1	4.0
48	L & T CR	M	12.00	Ft	0.2	5.7
48	L & T CR	M	3.00	Ft	0.1	4.0
48	L & T CR	M	5.00	Ft	0.1	4.0
48	L & T CR	M	5.00	Ft	0.1	4.0
48	L & T CR	M	15.00	Ft	0.3	6.5
48	L & T CR	M	20.00	Ft	0.4	7.5
48	L & T CR	H	25.00	Ft	0.5	14.5
48	L & T CR	H	25.00	Ft	0.5	14.5
48	L & T CR	H	25.00	Ft	0.5	14.5
48	L & T CR	H	25.00	Ft	0.5	14.5

Network:	N12			Name:	Lakewood Airport							
Branch:	TW B		Name:	Taxiway B		Use:	TAXIWAY	Area:	9,694 SqFt			
Section:	1	of	1	From:	RW 6-24			To:	TW A	Last Const.:	1/1/1900	
Surface:	AC	Family:	DEFAULT		Zone:				Category:	Rank: A		
Area:	9,694 SqFt		Length:	199 Ft		Width:	49 Ft					
Slabs:	Slab Length:			Ft	Slab Width:			Ft	Joint Length:			Ft
Shoulder:	Street Type:			Grade:			0	Lanes:				0
Section Comments:												

Work Date: 1/1/1900	Work Type: New Construction - Initial	Code: NC-IN	Is Major M&R: True
Last Insp. Date: 8/31/2021	TotalSamples: 2	Surveyed: 2	
Conditions: PCI: 51			
Inspection Comments:			

Sample Number:	1	Type:	R	Area:	5112.06 SqFt	PCI:	41
Sample Comments:							

Distress	Description	Severity	Quantity		Density	Deduct	Comments
43	BLOCK CR	M	2295.00	SqFt	44.9	39.3	
48	L & T CR	M	4.00	Ft	0.1	4.0	
48	L & T CR	M	7.00	Ft	0.1	4.2	
48	L & T CR	M	3.00	Ft	0.1	4.0	
48	L & T CR	M	100.00	Ft	2.0	15.5	
48	L & T CR	M	3.00	Ft	0.1	4.0	
48	L & T CR	M	3.00	Ft	0.1	4.0	
48	L & T CR	M	3.00	Ft	0.1	4.0	
48	L & T CR	M	2.00	Ft	0.0	4.0	
48	L & T CR	M	2.00	Ft	0.0	4.0	
48	L & T CR	M	10.00	Ft	0.2	5.1	
48	L & T CR	M	2.00	Ft	0.0	4.0	
48	L & T CR	M	4.00	Ft	0.1	4.0	
48	L & T CR	M	3.00	Ft	0.1	4.0	
48	L & T CR	M	3.00	Ft	0.1	4.0	
48	L & T CR	M	2.00	Ft	0.0	4.0	
48	L & T CR	H	120.00	Ft	2.3	29.3	
57	WEATHERING	M	5112.00	SqFt	100.0	20.3	

Sample Number:	2	Type:	R	Area:	4581.94 SqFt	PCI:	62
Sample Comments:							

Distress	Description	Severity	Quantity		Density	Deduct	Comments
48	L & T CR	M	3.00	Ft	0.1	4.0	
48	L & T CR	M	4.00	Ft	0.1	4.0	
48	L & T CR	M	56.00	Ft	1.2	12.3	
48	L & T CR	M	6.00	Ft	0.1	4.1	
48	L & T CR	M	5.00	Ft	0.1	4.0	
48	L & T CR	M	7.00	Ft	0.2	4.4	

48	L & T CR	M	16.00	Ft	0.3	7.0
48	L & T CR	M	5.00	Ft	0.1	4.0
48	L & T CR	M	36.00	Ft	0.8	10.1
48	L & T CR	M	3.00	Ft	0.1	4.0
48	L & T CR	M	85.00	Ft	1.9	15.1
48	L & T CR	M	2.00	Ft	0.0	4.0
48	L & T CR	M	3.00	Ft	0.1	4.0
48	L & T CR	M	12.00	Ft	0.3	6.0
48	L & T CR	M	2.00	Ft	0.0	4.0
48	L & T CR	M	8.00	Ft	0.2	4.8
48	L & T CR	M	3.00	Ft	0.1	4.0
48	L & T CR	M	5.00	Ft	0.1	4.0
48	L & T CR	H	20.00	Ft	0.4	13.7
57	WEATHERING	M	4581.00	SqFt	100.0	20.3

Network:	N12			Name:	Lakewood Airport					
Branch:	TW C		Name:	Taxiway C		Use:	TAXIWAY	Area:	9,499 SqFt	
Section:	1	of	1	From:	RW 6-24		To:	TW A	Last Const.:	1/1/1900
Surface:	AC	Family:	DEFAULT		Zone:		Category:		Rank:	A
Area:	9,499 SqFt		Length:	199 Ft		Width:	48 Ft			
Slabs:	Slab Length:		Ft	Slab Width:		Ft	Joint Length:		Ft	
Shoulder:	Street Type:			Grade:	0		Lanes:	0		
Section Comments:										
Work Date:	1/1/1900			Work Type: New Construction - Initial			Code:	NC-IN	Is Major M&R:	True
Last Insp. Date:	8/31/2021			TotalSamples:	2		Surveyed:	2		
Conditions:	PCI:	60								
Inspection Comments:										
Sample Number:	1	Type:	R	Area:	5023.91 SqFt		PCI:	59		
Sample Comments:										
Distress	Description	Severity	Quantity	Density	Deduct	Comments				
48	L & T CR	M	3.00 Ft	0.1	4.0					
48	L & T CR	M	5.00 Ft	0.1	4.0					
48	L & T CR	M	16.00 Ft	0.3	6.7					
48	L & T CR	M	100.00 Ft	2.0	15.7					
48	L & T CR	M	8.00 Ft	0.2	4.5					
48	L & T CR	M	6.00 Ft	0.1	4.0					
48	L & T CR	M	15.00 Ft	0.3	6.5					
48	L & T CR	M	7.00 Ft	0.1	4.2					
48	L & T CR	M	15.00 Ft	0.3	6.5					
48	L & T CR	M	3.00 Ft	0.1	4.0					
48	L & T CR	M	12.00 Ft	0.2	5.7					
48	L & T CR	M	6.00 Ft	0.1	4.0					
48	L & T CR	M	6.00 Ft	0.1	4.0					
48	L & T CR	M	7.00 Ft	0.1	4.2					
48	L & T CR	M	10.00 Ft	0.2	5.1					
48	L & T CR	M	14.00 Ft	0.3	6.2					
48	L & T CR	M	5.00 Ft	0.1	4.0					
48	L & T CR	M	10.00 Ft	0.2	5.1					
48	L & T CR	M	7.00 Ft	0.1	4.2					
48	L & T CR	M	3.00 Ft	0.1	4.0					
48	L & T CR	M	7.00 Ft	0.1	4.2					
48	L & T CR	M	14.00 Ft	0.3	6.2					
48	L & T CR	M	9.00 Ft	0.2	4.8					
48	L & T CR	M	9.00 Ft	0.2	4.8					
48	L & T CR	M	11.00 Ft	0.2	5.4					
48	L & T CR	M	10.00 Ft	0.2	5.1					
48	L & T CR	M	43.00 Ft	0.9	10.5					

48	L & T CR	M	5.00	Ft	0.1	4.0
48	L & T CR	H	12.00	Ft	0.2	10.9
48	L & T CR	H	8.00	Ft	0.2	9.4
57	WEATHERING	M	5023.00	SqFt	100.0	20.3

Sample Number:

2

Type:

R

Area:

4475.09 SqFt

PCI:

61

Sample Comments:

Distress	Description	Severity	Quantity		Density	Deduct	Comments
48	L & T CR	M	8.00	Ft	0.2	4.8	
48	L & T CR	M	27.00	Ft	0.6	9.0	
48	L & T CR	M	12.00	Ft	0.3	6.1	
48	L & T CR	M	4.00	Ft	0.1	4.0	
48	L & T CR	M	5.00	Ft	0.1	4.0	
48	L & T CR	M	12.00	Ft	0.3	6.1	
48	L & T CR	M	6.00	Ft	0.1	4.2	
48	L & T CR	M	3.00	Ft	0.1	4.0	
48	L & T CR	M	21.00	Ft	0.5	8.1	
48	L & T CR	M	5.00	Ft	0.1	4.0	
48	L & T CR	M	3.00	Ft	0.1	4.0	
48	L & T CR	M	10.00	Ft	0.2	5.5	
48	L & T CR	M	2.00	Ft	0.0	4.0	
48	L & T CR	M	10.00	Ft	0.2	5.5	
48	L & T CR	M	45.00	Ft	1.0	11.3	
48	L & T CR	M	40.00	Ft	0.9	10.7	
48	L & T CR	M	67.00	Ft	1.5	13.6	
48	L & T CR	M	7.00	Ft	0.2	4.5	
48	L & T CR	M	4.00	Ft	0.1	4.0	
48	L & T CR	M	2.00	Ft	0.0	4.0	
48	L & T CR	M	17.00	Ft	0.4	7.3	
48	L & T CR	M	60.00	Ft	1.3	12.9	
48	L & T CR	M	5.00	Ft	0.1	4.0	
48	L & T CR	M	16.00	Ft	0.4	7.1	
48	L & T CR	M	5.00	Ft	0.1	4.0	
57	WEATHERING	M	4475.00	SqFt	100.0	20.3	

Network:	N12		Name:	Lakewood Airport										
Branch:	TW D		Name:	Taxiway D		Use:	TAXIWAY		Area:	10,059 SqFt				
Section:	1	of	1	From:	RW-24			To:	TW-A		Last Const.:	1/1/1900		
Surface:	AC		Family:	DEFAULT		Zone:				Category:	Rank:		A	
Area:	10,059 SqFt		Length:	279 Ft		Width:	36 Ft							
Slabs:	Slab Length:		Ft		Slab Width:		Ft		Joint Length:		Ft			
Shoulder:	Street Type:		Grade:		0		Lanes:		0					
Section Comments:														
Work Date:	1/1/1900		Work Type:				New Construction - Initial			Code:	NC-IN		Is Major M&R:	True
Last Insp. Date:	9/14/2021		TotalSamples:		2		Surveyed:		2					
Conditions:	PCI:		44											
Inspection Comments:														
Sample Number:	1	Type:	R	Area:	5355.00 SqFt			PCI:	50					
Sample Comments:														
Distress	Description		Severity	Quantity		Density	Deduct	Comments						
43	BLOCK CR		L	12.00	SqFt	0.2	5.0							
43	BLOCK CR		L	10.00	SqFt	0.2	4.8							
43	BLOCK CR		L	22.00	SqFt	0.4	5.9							
43	BLOCK CR		M	31.00	SqFt	0.6	10.3							
43	BLOCK CR		M	12.00	SqFt	0.2	8.4							
43	BLOCK CR		M	1320.00	SqFt	24.6	31.7							
43	BLOCK CR		M	18.00	SqFt	0.3	9.1							
43	BLOCK CR		M	1056.00	SqFt	19.7	29.4							
57	WEATHERING		L	2855.00	SqFt	53.3	4.9							
57	WEATHERING		M	2500.00	SqFt	46.7	14.7							
Sample Number:	2	Type:	R	Area:	4704.00 SqFt			PCI:	37					
Sample Comments:														
Distress	Description		Severity	Quantity		Density	Deduct	Comments						
43	BLOCK CR		M	1440.00	SqFt	30.6	34.2							
48	L & T CR		L	8.00	Ft	0.2	2.9							
48	L & T CR		L	11.00	Ft	0.2	3.3							
48	L & T CR		M	690.00	Ft	14.7	43.3							
48	L & T CR		M	15.00	Ft	0.3	6.7							
48	L & T CR		M	16.00	Ft	0.3	6.9							
48	L & T CR		M	17.00	Ft	0.4	7.1							
48	L & T CR		M	13.00	Ft	0.3	6.2							
48	L & T CR		M	35.00	Ft	0.7	9.9							
48	L & T CR		M	13.00	Ft	0.3	6.2							
48	L & T CR		M	17.00	Ft	0.4	7.1							
57	WEATHERING		M	4704.00	SqFt	100.0	20.3							

Network:	N12			Name:	Lakewood Airport					
Branch:	TW E		Name:	Taxiway E		Use:	TAXIWAY		Area:	6,853 SqFt
Section:	1	of 1		From:	24 End of RW			To:	TW A	
Surface:	AC		Family:	DEFAULT		Zone:			Category:	Rank: P
Area:	6,853 SqFt		Length:	196 Ft		Width:	35 Ft			
Slabs:	Slab Length:		Ft		Slab Width:		Ft		Joint Length:	35 Ft
Shoulder:	Street Type:				Grade:		0		Lanes:	0
Section Comments:										

Work Date: 6/2/2017	Work Type: New Construction - Initial	Code: NC-IN	Is Major M&R: True
Last Insp. Date: 9/14/2021	TotalSamples: 1	Surveyed: 1	
Conditions: PCI: 81			
Inspection Comments:			

Sample Number:	1	Type:	R	Area:	6750.00 SqFt	PCI:	81
Sample Comments:							

Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	M	29.00 Ft	0.4	7.7	
48	L & T CR	M	25.00 Ft	0.4	7.2	
48	L & T CR	M	27.00 Ft	0.4	7.5	
50	PATCHING	L	1.00 SqFt	0.0	2.0	Core
50	PATCHING	L	1.00 SqFt	0.0	2.0	Core
50	PATCHING	L	1.00 SqFt	0.0	2.0	Core
57	WEATHERING	L	6750.00 SqFt	100.0	6.0	

Extrapolated Distress Data by Section

BRANCH ID	SECTION ID	SHORT DESCRIPTION	DISTRESS ID	DISTRESS SEVERITY	DISTRESS QUANTITY	DISTRESS UNITS	PCI DEDUCT	DENSITY (%)	DISTRESS MECHANISM
Runway 6-24	1	BLOCK CRACKING	43	Medium	21602	SqFt	24.3	11.1	Climate/Durability
		L & T CR	48	Low	633	Ft	3.7	0.3	Climate/Durability
		L & T CR	48	High	2982	Ft	24.0	1.5	Climate/Durability
		L & T CR	48	Medium	15512	Ft	32.8	8.0	Climate/Durability
		PATCHING	50	Medium	3	SqFt	6.2	0.0	Climate/Durability
		PATCHING	50	Low	1148	SqFt	2.7	0.6	Climate/Durability
		WEATHERING	57	Low	16150	SqFt	1.5	8.3	Climate/Durability
		WEATHERING	57	High	18889	SqFt	21.6	9.7	Climate/Durability
Taxiway A	1	WEATHERING	57	Medium	157594	SqFt	19.0	81.3	Climate/Durability
		BLOCK CRACKING	43	Low	1630	SqFt	9.5	1.7	Climate/Durability
		BLOCK CRACKING	43	Medium	9537	SqFt	23.4	10.0	Climate/Durability
		L & T CR	48	High	982	Ft	19.9	1.0	Climate/Durability
		L & T CR	48	Low	986	Ft	5.0	1.0	Climate/Durability
		L & T CR	48	Medium	5516	Ft	27.7	5.8	Climate/Durability
		WEATHERING	57	Low	19315	SqFt	2.8	20.2	Climate/Durability
		WEATHERING	57	Medium	56869	SqFt	16.6	59.5	Climate/Durability
Taxiway B	1	BLOCK CRACKING	43	Medium	2295	SqFt	31.3	23.7	Climate/Durability
		L & T CR	48	High	140	Ft	23.3	1.4	Climate/Durability
		L & T CR	48	Medium	412	Ft	23.5	4.3	Climate/Durability
		WEATHERING	57	Medium	9693	SqFt	20.3	100.0	Climate/Durability
Taxiway C	1	L & T CR	48	High	20	Ft	10.4	0.2	Climate/Durability
		L & T CR	48	Medium	762	Ft	32.8	8.0	Climate/Durability
		WEATHERING	57	Medium	9498	SqFt	20.3	100.0	Climate/Durability
Taxiway D	1	BLOCK CRACKING	43	Low	44	SqFt	6.0	0.4	Climate/Durability
		BLOCK CRACKING	43	Medium	3877	SqFt	37.2	38.5	Climate/Durability
		L & T CR	48	Low	19	Ft	3.0	0.2	Climate/Durability
		L & T CR	48	Medium	816	Ft	33.0	8.1	Climate/Durability
		WEATHERING	57	Low	2855	SqFt	3.5	28.4	Climate/Durability
Taxiway E	1	WEATHERING	57	Medium	7204	SqFt	18.0	71.6	Climate/Durability
		L & T CR	48	Medium	81	Ft	12.2	1.2	Climate/Durability
		PATCHING	50	Low	3	SqFt	2.0	0.0	Climate/Durability
Apron	1	WEATHERING	57	Low	6750	SqFt	6.0	100.0	Climate/Durability
		L & T CR	48	Low	143	Ft	2.8	0.2	Climate/Durability
		L & T CR	48	Medium	2973	Ft	20.7	3.4	Climate/Durability
		OIL SPILLAGE	49	N/A	38	SqFt	2.0	0.0	Other
		PATCHING	50	Low	29	SqFt	2.0	0.0	Climate/Durability
		PATCHING	50	Medium	81	SqFt	6.2	0.1	Climate/Durability
		WEATHERING	57	Medium	10257	SqFt	6.0	11.6	Climate/Durability
		WEATHERING	57	Low	78285	SqFt	5.8	88.4	Climate/Durability

Asphalt Surfaced Airfields

<u>Pavement Distress</u>	<u>Distress Type</u>
41. Alligator Cracking	Load
42. Bleeding	Other
43. Block Cracking	Climate/Durability
44. Corrugation	Other
45. Depression	Other
46. Jet Blast	Other
47. Joint Reflection Cracking	Climate/Durability
48. Longitudinal/Transverse Cracking	Climate/Durability
49. Oil Spillage	Other
50. Patching	Climate/Durability
51. Polished Aggregate	Other
52. Raveling	Climate/Durability
53. Rutting	Load
54. Shoving	Other
55. Slippage Cracking	Other
56. Swell	Other
57. Weathering	Climate/Durability

Concrete Surfaced Airfields

<u>Pavement Distress</u>	<u>Distress Type</u>
61. Blow Up	Climate/Durability
62. Corner Break	Load
63. Linear Cracking	Load
64. Durability Cracking	Climate/Durability
65. Joint Seal Damage	Climate/Durability
66. Small Patch	Other
67. Large Patch/Utility Cut	Other
68. Popouts	Other
69. Pumping	Other
70. Scaling	Other
71. Faulting	Other
72. Shattered Slab	Load
73. Shrinkage Cracking	Other
74. Joint Spalling	Other
75. Corner Spalling	Other
76. Alkali Silica Reaction (ASR)	Other

Unsurfaced Roads

<u>Pavement Distress</u>	<u>Distress Type</u>
81. Improper Cross Section	Other
82. Inadequate Roadside Drainage	Other
83. Corrugation	Climate/Durability
84. Dust	Other
85. Pothole	Climate/Durability
86. Rutting	Climate/Durability
87. Loose Aggregate	Other