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Design, Inc.**

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2021 PAVEMENT CONDITION INDEX (PCI) REPORT

**Report Submitted to:
Jacobs Engineering
Group, Inc.**

October 2023

***South Jersey Regional Airport (VAY)
Lumberton Township, Burlington County, New Jersey***



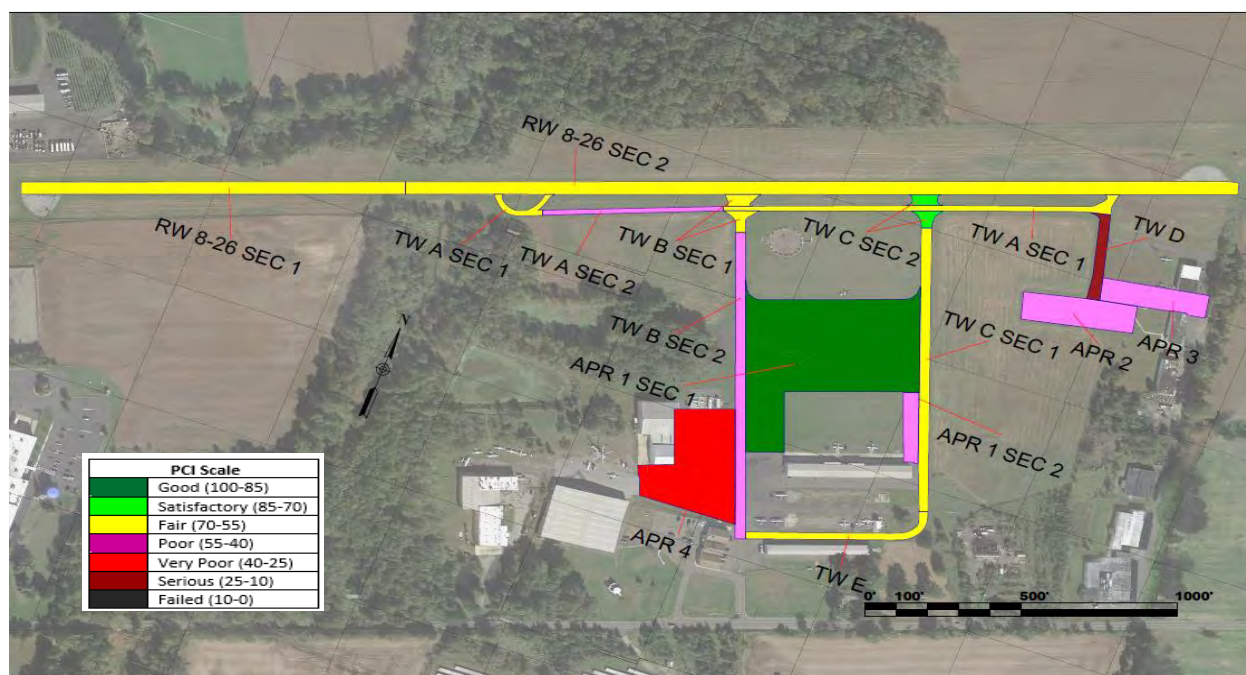
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Executive Summary

The pavement condition of the runway, taxiway, and apron of South Jersey Regional Airport (VAY) was evaluated in June 2021. A pavement distress survey and the Pavement Condition Index (PCI) was computed. The results were compared to those obtained from the 2014 condition assessment of the VAY airport pavement.

The 2021 distress survey indicated that the runway, taxiway, and apron pavement of airport VAY, considered as a whole, is currently in the FAIR Condition with an overall average PCI of 64. This is a 3-point increase from the overall PCI of 61 (FAIR) found for the airport in 2014. In terms of area, the airport pavement was FAIR (71%) condition, with the remaining area split between POOR (19%), GOOD (6%) and SATISFACTORY (4%) conditions in 2014. In 2021, the airport pavement transitioned to mostly FAIR (38%) and GOOD (32%) conditions, with remaining areas in POOR (11%), VERY POOR (16%), and SERIOUS (1%) conditions in 2021. The increase in the percentage of pavement areas in GOOD condition can be attributed to the resurfacing of Apron 1 section 1. With respect to branch type/use, Runway 8-26 remained in FAIR condition, decreasing in PCI from 67 in 2014, to 64 in 2021. The taxiways, which were split multiple ways between POOR (31%), FAIR (39%), SATISFACTORY (20%), and GOOD (10%) conditions in 2014, became mostly FAIR (58%) and POOR (31%) conditions with remaining area in SERIOUS (7%) and SATISFACTORY (4%) conditions in 2021. The aprons were mostly in FAIR (69%) condition with the remaining split between POOR (23%) and GOOD (8%) conditions in 2014, which improved to mostly GOOD (56%) condition, with the remaining split between VERY POOR (31%) and POOR (14%) conditions in 2021.





In terms of distresses observed, the entire pavement area is primarily affected by climatic/durability factors. Longitudinal and transverse cracking, raveling, and weathering are the prominent distresses that contributed highly to PCI deductions across the airport pavement. Low/medium patching was also a significant contributor to PCI deductions on many sections. Alligator cracking (load-related distress), block cracking, and localized depressions were also noticed in some airport sections.



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 6/7/2021, 6/8/2021, and 6/10/2021 at South Jersey Regional Airport (VAY) and includes a comparison of the results to those obtained in 2014. The project site is located in Lumberton Township, Burlington 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 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 VAY. 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 VAY, M&R activity details were not provided to AID but using google earth and visuals from the in-person survey, it was concluded that patching had been completed on the Runway 8-26 Section 1, and Apron 1 section 1 and a portion of section 2 had been resurfaced. The boundary of Apron 1 sections 1 and 2 has been changed from the 2014 survey to match that of the resurfacing boundary.

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 the purpose of PCI inspection, where each unit has an area of 5000 SF $\pm$ 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 rate 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 Rate Plan

Total No. of Sample Units in a Section	Minimum No. of Sample Units Surveyed
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 VAY between June 7 and June 10, 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.7.1.1)*, which was developed by the U.S. Army Corps of Engineers, Construction Engineering Research Laboratory (CERL). The analysis of the distress survey data includes 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 VAY, considered as a whole, is currently in the FAIR condition with an overall average PCI of 64. This is a 3-point increase from the overall PCI of 61 (FAIR) 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 mostly in FAIR (71%) condition, with the remaining area split between POOR (19%), GOOD (6%) and SATISFACTORY (4%) condition in 2014. In 2021, the airport pavement transitioned to mostly FAIR (38%) and GOOD (32%) conditions, with the remaining area in POOR (11%), VERY POOR (16%), and SERIOUS (1%) conditions. The increase in the percentage of pavement areas in GOOD condition can be attributed to the resurfacing of Apron 1 section 1.

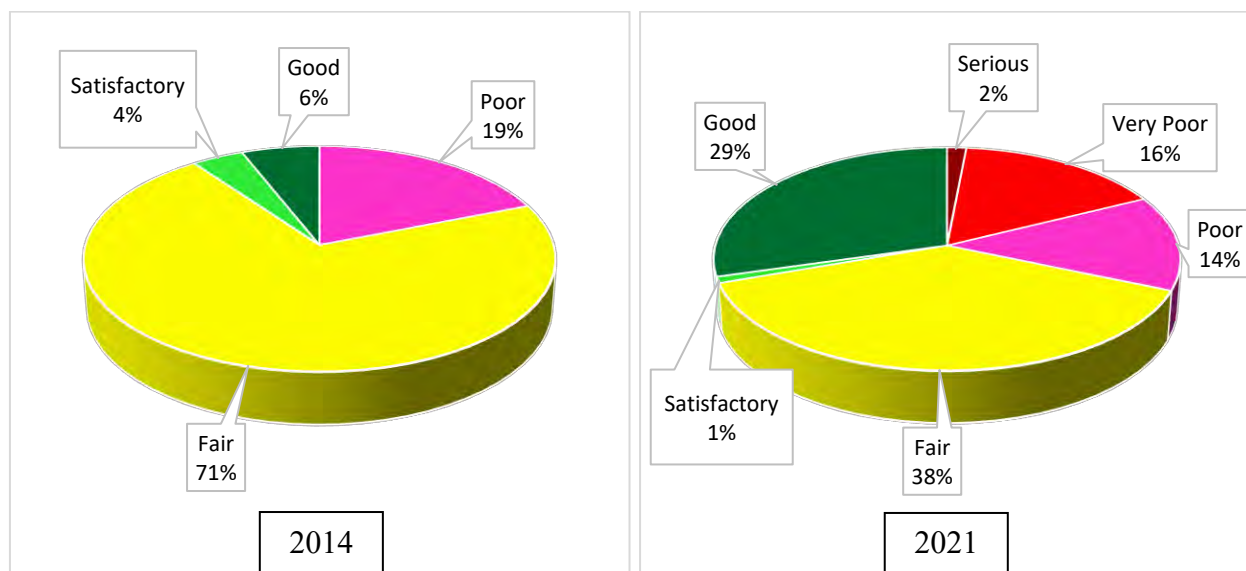


Figure 1. Comparison of Overall VAY PCI Category Breakdown in 2014 and 2021.

Figure 2 shows the PCI category breakdown by branch use in 2014 vs. 2021. The runway remained in FAIR condition from 2014 to 2021. The taxiways, which were split multiple ways between POOR (31%), FAIR (39%), SATISFACTORY (20%), and GOOD (10%) conditions in 2014, became mostly FAIR (58%) and POOR (31%) conditions with remaining area in SERIOUS (7%) and SATISFACTORY (4%) conditions in 2021. The aprons were mostly FAIR (69%) condition with the remaining split between POOR (23%) and GOOD (8%) conditions in 2014, which improved to mostly GOOD (56%) condition with the remaining split between VERY POOR (31%) and POOR (14%) conditions in

2021. As noted above, the improved condition of the Apron can be attributed to the resurfacing of the Apron.



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 rate from 2014 to 2021 for the taxiways is -1.0 PCI points/year. The weighted average PCI of the runway dropped slightly while it increased for aprons due to the M&R activities completed.

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.

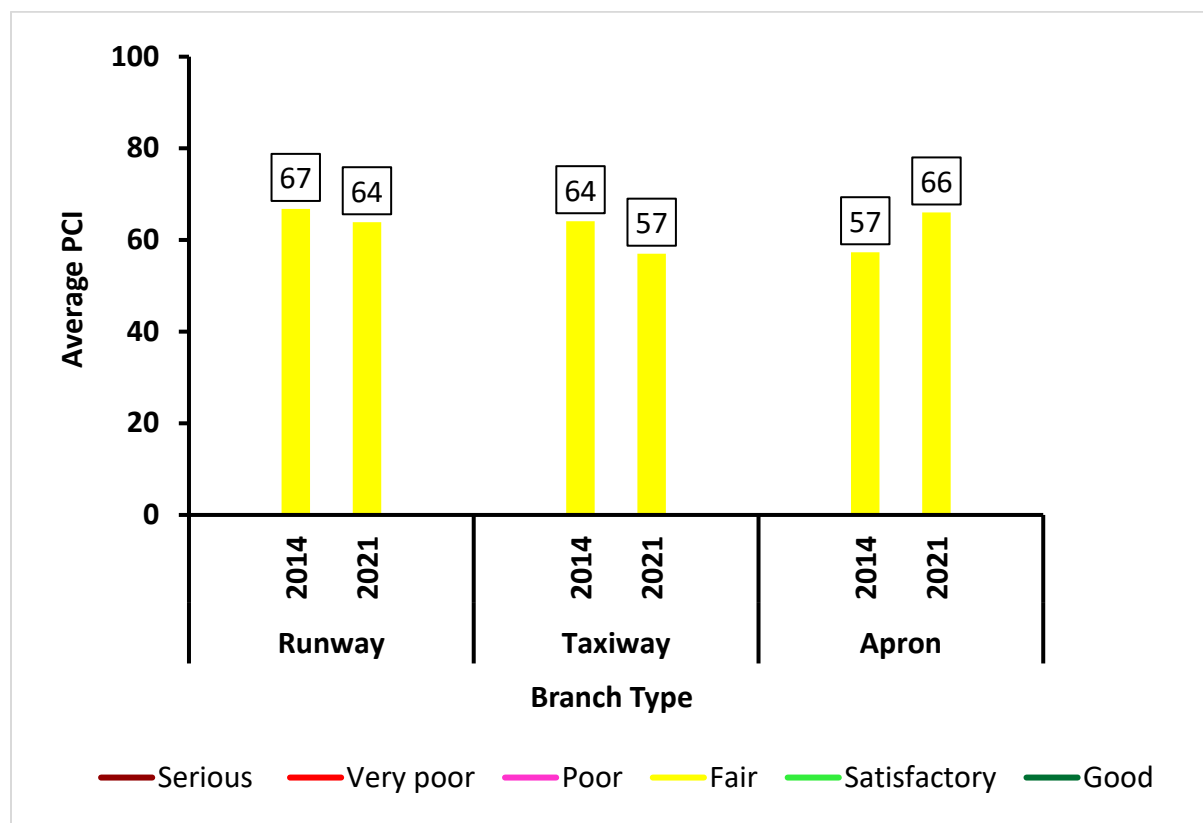


Figure 3. Comparison of Average PCI by Branch Use in 2014 and 2021.

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. It can be seen that the PCI increased in Runway 8-26 section 1 and Apron 1 section 1, this is attributed to the M&R activities within these sections.

Table 4 summarizes the observed distresses by section from the 2021 survey. In terms of distresses, the entire pavement area is primarily affected by climatic/durability factors. Longitudinal and transverse cracking, raveling, and weathering are the prominent distresses that contributed highly to PCI deductions across the airport pavement. Low/medium patching was also a significant contributor to PCI deductions on many sections. Alligator cracking (load-related distress), block cracking, and localized depressions were also noticed in some airport sections. 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 8-26	1	AC	61750	12	5	0
	2	AC	132300	26	10	0
Taxiway A	1	AC	32126	8	3	0
	2	AC	10314	2	2	0
Taxiway B	1	AC	7629	2	2	0
	2	AC	38423	6	3	1
Taxiway C	1	AC	35406	8	4	0
	2	AC	6736	2	2	0
Taxiway D	1	AC	11131	2	2	0
Taxiway E	1	AC	16006	4	3	0
Apron 1	1	AC	219548	44	16	0
	2	AC	15759	3	1	0
Apron 2	1	AC	38181	6	3	0
Apron 3	1	AC	28577	6	3	1
Apron 4	1	AC	91836	18	7	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 8-26	1	67	Fair	62	Fair	64	Fair	70	Fair	Longitudinal and transverse cracking, and weathering
	2			69	Fair			61	Fair	Longitudinal and transverse cracking, weathering, and patching
Taxiway A	1	73	Satisfactory	74	Satisfactory	66	Fair	65	Fair	Patching
	2			70	Fair			70	Fair	Alligator cracking
Taxiway B	1	51	Poor	89	Good	53	Fair	70	Fair	Weathering
	2			43	Poor			50	Poor	Block cracking and weathering
Taxiway C	1	71	Satisfactory	68	Fair	69	Fair	68	Fair	Longitudinal and transverse cracking
	2			89	Good			76	Satisfactory	Weathering
Taxiway D	1	54	Poor	54	Poor	23	Serious	23	Serious	Alligator cracking
Taxiway E	1	67	Fair	67	Fair	59	Fair	59	Fair	Longitudinal and transverse cracking
Apron 1	1	61	Fair	56	Fair	88	Fair	91	Good	Longitudinal and transverse cracking
	2			94	Good			43	Poor	Localized depressions
Apron 2	1	62	Fair	62	Fair	53	Poor	53	Poor	Weathering
Apron 3	1	58	Fair	58	Fair	30	Very poor	30	Very poor	Weathering
Apron 4	1	46	Poor	46	Poor	28	Very poor	28	Very poor	Raveling and weathering

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 8-26	1				L/M/H	L	L/M					
	2		M	H	L/M/H	L/M	L/M/H					
Taxiway A	1		L		L/M	M/H	M					
	2	L/M	L		L/M	L/M	L					
Taxiway B	1				L/M	L	M					
	2		L/M		L/M/H	M	M/H					
Taxiway C	1				L/M/H		L					
	2				L		M					
Taxiway D	1	M/H	L/M		L/M		M/H					
Taxiway E	1	M			L/M/H		L/M					
Apron 1	1			L	L/M							
	2			H	L/M		M					
Apron 2	1		L	L/M	L/M	L	M/H					
Apron 3	1	M	M		L/M/H		M/H					
Apron 4	1	M	M		L/M/H	L	L/M/H					

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



Condition Photo Log

	Photo No: A-1 Airport Code: VAY Branch: RW 8-26 Section: 1 Date: 6/8/2021 Latitude: 39.94160 Longitude: -74.85026
Description: L-Patching; L/M-Weathering	
	Photo No: A-2 Airport Code: VAY Branch: RW 8-26 Section: 1 Date: 6/8/2021 Latitude: 39.94189 Longitude: -74.84953
Description: M-Longitudinal & Transverse Cracking; L/M-Weathering	
	Photo No: A-3 Airport Code: VAY Branch: RW 8-26 Section: 2 Date: 6/8/2021 Latitude: 39.94292 Longitude: -74.84539
Description: M-Longitudinal & Transverse Cracking; M-Weathering	



Photo No: A-4

Airport Code: VAY

Branch: RW 8-26

Section: 2

Date: 6/8/2021

Latitude: 39.94352

Longitude: -74.84324

Description: L-Patching; L/M-Weathering



Photo No: A-5

Airport Code: VAY

Branch: RW 8-26

Section: 2

Date: 6/10/2021

Latitude: 39.94406

Longitude: -74.84164

Description: M-Weathering; L-Raveling



Photo No: A-6

Airport Code: VAY

Branch: TW A

Section: 1

Date: 6/10/2021

Latitude: 39.94236

Longitude: -74.84654

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



Photo No: A-7

Airport Code: VAY

Branch: TW A

Section: 1

Date: 6/10/2021

Latitude: 39.94388

Longitude: -74.84137

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



Photo No: A-7

Airport Code: VAY

Branch: TW A

Section: 2

Date: 6/10/2021

Latitude: 39.94258

Longitude: -74.84585

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



Photo No: A-7

Airport Code: VAY

Branch: TW A

Section: 2

Date: 6/10/2021

Latitude: 39.94276

Longitude: -74.84547

Description: M-Patching; L-Weathering



Photo No: A-8

Airport Code: VAY

Branch: TW B

Section: 2

Date: 6/7/2021

Latitude: 39.94060

Longitude: -74.84327

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



Photo No: A-9

Airport Code: VAY

Branch: TW C

Section: 1

Date: 6/7/2021

Latitude: 39.94223

Longitude: -74.84170

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



Photo No: A-10

Airport Code: VAY

Branch: TW C

Section: 2

Date: 6/7/2021

Latitude: 39.94370

Longitude: -74.84246

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



Photo No: A-11

Airport Code: VAY

Branch: TW D

Section: 1

Date: 6/7/2021

Latitude: 39.94398

Longitude: -74.84041

Description: H-Raveling; M-Weathering



Photo No: A-12

Airport Code: VAY

Branch: TW E

Section: 1

Date: 6/7/2021

Latitude: 39.93991

Longitude: -74.84241

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



Photo No: A-13

Airport Code: VAY

Branch: TW E

Section: 1

Date: 6/7/2021

Latitude: 39.94025

Longitude: -74.84161

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



Photo No: A-14

Airport Code: VAY

Branch: APR 1

Section: 1

Date: 6/1/2023

Latitude: N/A

Longitude: N/A

Description: L-Depression; M-Weathering



Photo No: A-15

Airport Code: VAY

Branch: APR 1

Section: 1

Date: 6/1/2023

Latitude: N/A

Longitude: N/A

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



Photo No: A-16

Airport Code: VAY

Branch: APR 2

Section: 1

Date: 6/1/2023

Latitude: N/A

Longitude: N/A

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



Photo No: A-17

Airport Code: VAY

Branch: APR 3

Section: 1

Date: 6/1/2023

Latitude: 39.94335

Longitude: -74.83942

Description: L-Block Cracking; M-Weathering



Photo No: A-18

Airport Code: VAY

Branch: APR 4

Section: 1

Date: 6/1/2023

Latitude: N/A

Longitude: N/A

Description: M-Longitudinal & Transverse Cracking; M-Block Cracking; M-Raveling



Photo No: A-19

Airport Code: VAY

Branch: APR 4

Section: 1

Date: 6/1/2023

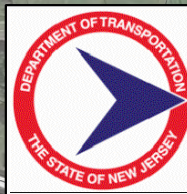
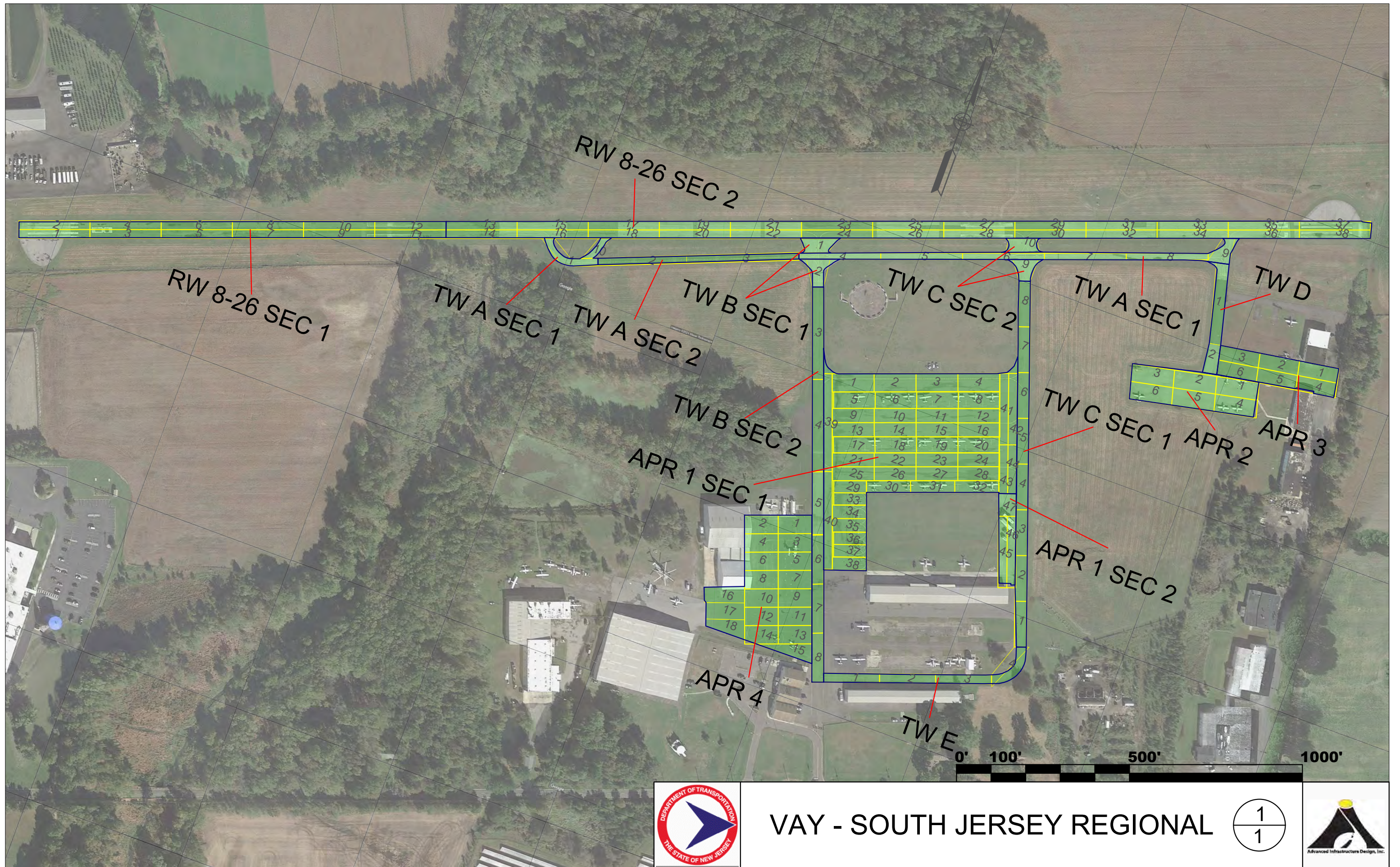
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Longitude: N/A

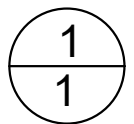
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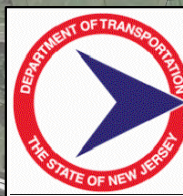
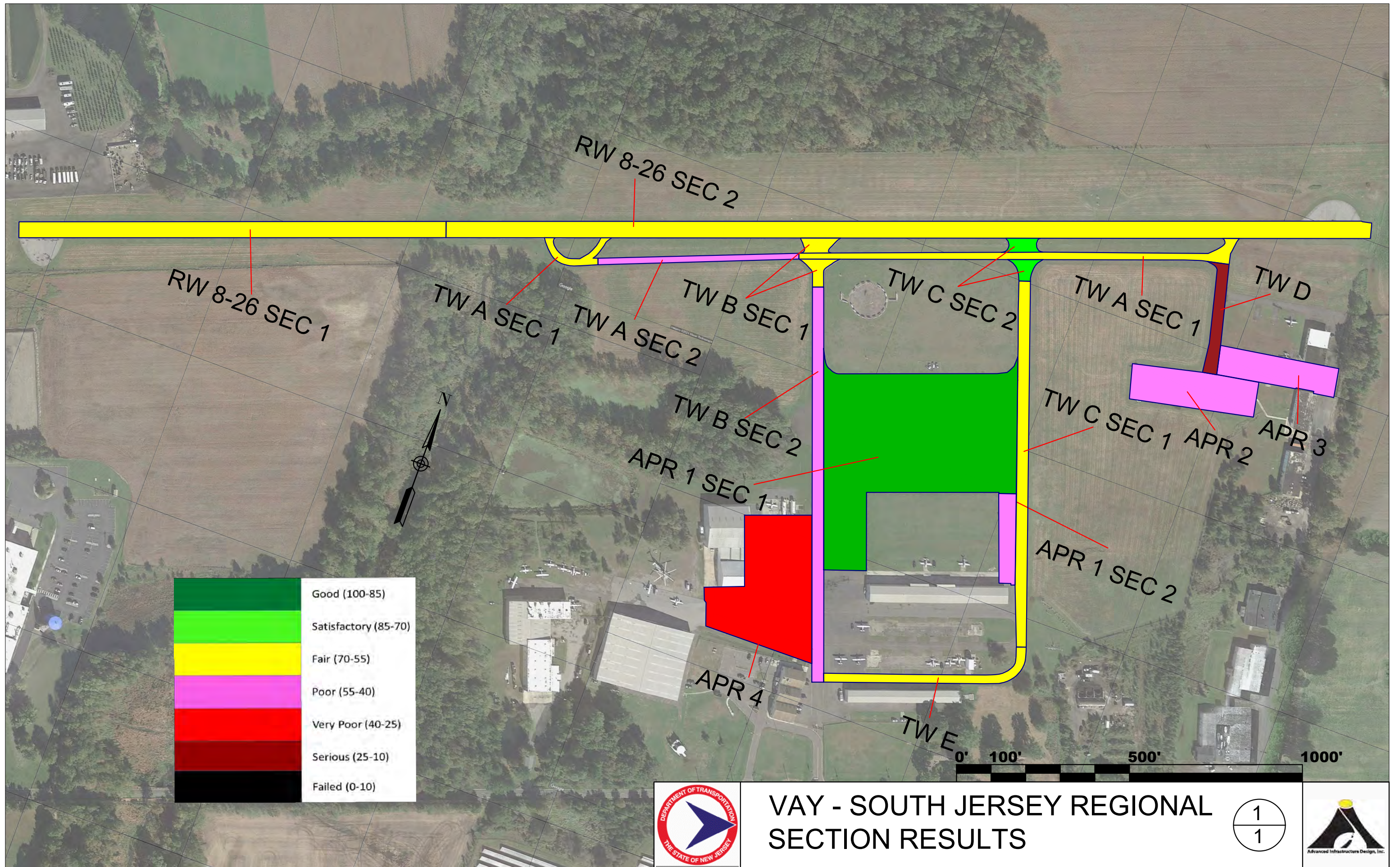


Appendix A: Layout and Results Maps



VAY - SOUTH JERSEY REGIONAL





VAY - SOUTH JERSEY REGIONAL SECTION RESULTS





Appendix B: Detailed Data Reports

10/31/2023

Branch Listing Report

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Pavement Database: 2014-AID-PCI-from pavement Computer-052015

Network ID	Branch ID	Name	Use	Number of Sections	True Area (SqFt)	Comments
VAY	APR 1	Apron 1	APRON	2	235,307.00	
VAY	APR 2	Apron 2	APRON	1	38,181.00	
VAY	APR 3	Apron 3	APRON	1	28,577.00	
VAY	APR 4	Apron 4	APRON	1	91,836.00	
VAY	RW 8-26	Runway 8-26	RUNWAY	2	194,050.00	
VAY	TW A	Taxiway A	TAXIWAY	2	42,440.00	
VAY	TW B	Taxiway B	TAXIWAY	2	46,052.00	
VAY	TW C	Taxiway C	TAXIWAY	2	42,142.00	
VAY	TW D	Taxiway D	TAXIWAY	1	11,131.00	
VAY	TW E	Taxiway E	TAXIWAY	1	16,006.00	

Total Number of Networks:	1
Total Number of Branches:	10
Total Number of Sections:	15
Total True Area:	745,722.00 (SqFt)
Average Branch True Area:	74,572.20 (SqFt)

10/31/2023

Branch Condition Report

Page 1 of 2

Pavement Database: 2014-AID-PCI-from pavement Computer-052015

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	2	673.00	299.00	235,307.00	APRON	66.75	24.05	87.58
APR 2	1	374.00	102.00	38,181.00	APRON	52.50	0.00	52.50
APR 3	1	336.00	85.00	28,577.00	APRON	29.90	0.00	29.90
APR 4	1	400.00	230.00	91,836.00	APRON	28.20	0.00	28.20
RW 8-26	2	3,881.00	50.00	194,050.00	RUNWAY	65.50	4.50	63.86
TW A	2	2,497.00	17.00	42,440.00	TAXIWAY	58.30	6.30	61.54
TW B	2	1,254.00	48.00	46,052.00	TAXIWAY	56.85	13.15	48.06
TW C	2	1,144.00	49.50	42,142.00	TAXIWAY	72.00	4.00	69.28
TW D	1	348.00	32.00	11,131.00	TAXIWAY	22.40	0.00	22.40
TW E	1	616.00	26.00	16,006.00	TAXIWAY	59.00	0.00	59.00

10/31/2023**Branch Condition Report****Page 2 of 2***Pavement Database: 2014-AID-PCI-from pavement Computer-052015*

Use Category	Number of Sections	Total Area (SqFt)	Arithmetic Average PCI	Average STD PCI	Weighted Average PCI
APRON	5	393,901.00	48.82	22.79	66.15
RUNWAY	2	194,050.00	65.50	4.50	63.86
TAXIWAY	8	157,771.00	56.96	16.25	56.65
ALL	15	745,722.00	55.39	18.60	63.55

Pavement Database: 2014-AID-PCI-from pavement Comput NetworkId: VAY

Branch ID	Section ID	Last Const. Date	Surface	Use	Rank	Lanes	True Area (SqFt)	Last Inspection Date	Age At Inspection	PCI
APR 1	1	1/1/1900	AC	APRON	A	0	219,548.00	6/7/2021	121	90.8
APR 1	2	1/1/1900	AC	APRON	A	0	15,759.00	6/10/2021	121	42.7
APR 2	1	1/1/1900	AC	APRON	A	0	38,181.00	6/10/2021	121	52.5
APR 3	1	1/1/1900	AC	APRON	A	0	28,577.00	6/10/2021	121	29.9
APR 4	1	1/1/1900	AC	APRON	A	0	91,836.00	6/10/2021	121	28.2
RW 8-26	1	1/1/1900	AC	RUNWAY	A	0	61,750.00	6/8/2021	121	70
RW 8-26	2	1/1/1900	AC	RUNWAY	A	0	132,300.00	6/8/2021	121	61
TW A	1	1/1/1900	AC	TAXIWAY	A	0	32,126.00	6/10/2021	121	64.6
TW A	2	1/1/1900	AC	TAXIWAY	A	0	10,314.00	10/18/2023	123	52
TW B	1	1/1/1900	AC	TAXIWAY	A	0	7,629.00	6/7/2021	121	70
TW B	2	1/1/1900	AC	TAXIWAY	A	0	38,423.00	6/7/2021	121	43.7
TW C	1	1/1/1900	AC	TAXIWAY	A	0	35,406.00	6/7/2021	121	68
TW C	2	1/1/1900	AC	TAXIWAY	A	0	6,736.00	6/7/2021	121	76
TW D	1	1/1/1900	AC	TAXIWAY	A	0	11,131.00	6/10/2021	121	22.4
TW E	1	1/1/1900	AC	TAXIWAY	A	0	16,006.00	6/6/2021	121	59

Pavement Database: 2014-AID-PCI-from pavement Computer-052015

Age Category	Average Age at Inspection	Total Area (SqFt)	Number of Sections	Arithmetic Average PCI	Standard Deviation PCI	Weighted Average PCI
50+	121	745,722.00	15	55.39	18.60	63.55
ALL	121	745,722.00	15	55.39	18.60	63.55

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 8-26	1	L & T CR	48	High	60	Ft	7.5	0.1	Climate/Durability
	1	L & T CR	48	Medium	231	Ft	7.3	0.4	Climate/Durability
	1	L & T CR	48	Low	379	Ft	4.2	0.6	Climate/Durability
	1	PATCHING	50	Low	7326	SqFt	15.9	11.9	Climate/Durability
	1	WEATHERING	57	Low	19704	SqFt	3.8	31.9	Climate/Durability
	1	WEATHERING	57	Medium	34720	SqFt	16.2	56.2	Climate/Durability
	2	BLOCK CRACKING	43	Medium	265	SqFt	8.2	0.2	Climate/Durability
	2	DEPRESSION	45	High	106	SqFt	12.0	0.1	Other
	2	L & T CR	48	High	169	Ft	8.5	0.1	Climate/Durability
	2	L & T CR	48	Medium	1422	Ft	11.6	1.1	Climate/Durability
	2	L & T CR	48	Low	4427	Ft	10.9	3.3	Climate/Durability
	2	PATCHING	50	Medium	4774	SqFt	16.5	3.6	Climate/Durability
	2	PATCHING	50	Low	13055	SqFt	14.5	9.9	Climate/Durability
	2	RAVELING	52	High	13	SqFt	6.0	0.0	Climate/Durability
	2	RAVELING	52	Low	32	SqFt	1.0	0.0	Climate/Durability
	2	WEATHERING	57	High	50	SqFt	3.2	0.0	Climate/Durability
	2	WEATHERING	57	Low	13230	SqFt	1.7	10.0	Climate/Durability
	2	WEATHERING	57	Medium	90108	SqFt	17.7	68.1	Climate/Durability
Taxiway A	1	BLOCK CRACKING	43	Low	614	SqFt	9.8	1.9	Climate/Durability
	1	L & T CR	48	Medium	272	Ft	10.4	0.8	Climate/Durability
	1	L & T CR	48	Low	637	Ft	7.4	2.0	Climate/Durability
	1	PATCHING	50	High	200	SqFt	17.4	0.6	Climate/Durability
	1	PATCHING	50	Medium	359	SqFt	9.8	1.1	Climate/Durability
	1	WEATHERING	57	Medium	31767	SqFt	20.3	98.9	Climate/Durability
	2	ALLIGATOR CRACKING	41	Medium	40	SqFt	20.7	0.4	Load
	2	ALLIGATOR CRACKING	41	Low	84	SqFt	18.6	0.8	Load
	2	BLOCK CRACKING	43	Low	104	SqFt	7.9	1.0	Climate/Durability
	2	L & T CR	48	Low	146	Ft	5.9	1.4	Climate/Durability
	2	L & T CR	48	Medium	205	Ft	15.7	2.0	Climate/Durability
	2	PATCHING	50	Medium	240	SqFt	13.3	2.3	Climate/Durability
	2	PATCHING	50	Low	642	SqFt	11.2	6.2	Climate/Durability
	2	WEATHERING	57	Low	9433	SqFt	5.9	91.5	Climate/Durability
Taxiway B	1	L & T CR	48	Medium	26	Ft	6.9	0.3	Climate/Durability
	1	L & T CR	48	Low	112	Ft	6.0	1.5	Climate/Durability
	1	PATCHING	50	Low	68	SqFt	3.3	0.9	Climate/Durability
	1	WEATHERING	57	Medium	7561	SqFt	20.3	99.1	Climate/Durability
	2	BLOCK CRACKING	43	Medium	3851	SqFt	23.5	10.0	Climate/Durability
	2	BLOCK CRACKING	43	Low	15305	SqFt	26.5	39.8	Climate/Durability
	2	L & T CR	48	Low	184	Ft	4.0	0.5	Climate/Durability
	2	L & T CR	48	High	644	Ft	25.0	1.7	Climate/Durability
	2	L & T CR	48	Medium	888	Ft	16.9	2.3	Climate/Durability
	2	PATCHING	50	Medium	550	SqFt	10.8	1.4	Climate/Durability
Taxiway C	2	WEATHERING	57	High	12332	SqFt	35.5	32.1	Climate/Durability
	2	WEATHERING	57	Medium	13059	SqFt	12.3	34.0	Climate/Durability
	1	L & T CR	48	High	249	Ft	16.7	0.7	Climate/Durability
	1	L & T CR	48	Low	785	Ft	8.0	2.2	Climate/Durability
	1	L & T CR	48	Medium	917	Ft	18.0	2.6	Climate/Durability
	1	WEATHERING	57	Low	26555	SqFt	5.6	75.0	Climate/Durability
Taxiway D	2	L & T CR	48	Low	94	Ft	5.8	1.4	Climate/Durability
	2	WEATHERING	57	Medium	6736	SqFt	20.3	100.0	Climate/Durability
	1	ALLIGATOR CRACKING	41	High	63	SqFt	30.8	0.6	Load
	1	ALLIGATOR CRACKING	41	Medium	255	SqFt	37.9	2.3	Load
	1	BLOCK CRACKING	43	Medium	436	SqFt	17.6	3.9	Climate/Durability
	1	BLOCK CRACKING	43	Low	702	SqFt	14.6	6.3	Climate/Durability
	1	L & T CR	48	Low	163	Ft	6.0	1.5	Climate/Durability
	1	L & T CR	48	Medium	306	Ft	18.6	2.7	Climate/Durability
	1	RAVELING	52	High	8	SqFt	6.0	0.1	Climate/Durability
	1	WEATHERING	57	Medium	5270	SqFt	14.8	47.3	Climate/Durability
	1	WEATHERING	57	High	5861	SqFt	43.6	52.7	Climate/Durability

Extrapolated Distress Data by Section

Taxiway E	1	BLOCK CRACKING	43	Medium	1589	SqFt	23.4	9.9	Climate/Durability
	1	L & T CR	48	Medium	168	Ft	11.5	1.0	Climate/Durability
	1	L & T CR	48	Low	198	Ft	5.5	1.2	Climate/Durability
	1	L & T CR	48	High	288	Ft	25.9	1.8	Climate/Durability
	1	WEATHERING	57	Medium	5335	SqFt	12.2	33.3	Climate/Durability
	1	WEATHERING	57	Low	10671	SqFt	5.4	66.7	Climate/Durability
Apron 1	1	DEPRESSION	45	Low	312	SqFt	0.4	0.1	Other
	1	L & T CR	48	Medium	845	Ft	7.3	0.4	Climate/Durability
	1	L & T CR	48	Low	2445	Ft	5.2	1.1	Climate/Durability
	2	DEPRESSION	45	High	900	SqFt	43.9	5.7	Other
	2	L & T CR	48	Low	174	Ft	5.2	1.1	Climate/Durability
	2	L & T CR	48	Medium	654	Ft	23.2	4.2	Climate/Durability
Apron 2	1	WEATHERING	57	Medium	15759	SqFt	20.3	100.0	Climate/Durability
	1	BLOCK CRACKING	43	Low	560	SqFt	9.0	1.5	Climate/Durability
	1	DEPRESSION	45	Low	53	SqFt	0.4	0.1	Other
	1	DEPRESSION	45	Medium	418	SqFt	16.4	1.1	Other
	1	L & T CR	48	Medium	326	Ft	10.5	0.9	Climate/Durability
	1	L & T CR	48	Low	1148	Ft	10.1	3.0	Climate/Durability
	1	PATCHING	50	Low	28	SqFt	2.0	0.1	Climate/Durability
	1	WEATHERING	57	Medium	12727	SqFt	12.2	33.3	Climate/Durability
Apron 3	1	WEATHERING	57	High	12727	SqFt	36.0	33.3	Climate/Durability
	1	ALLIGATOR CRACKING	41	Medium	317	SqFt	30.2	1.1	Load
	1	BLOCK CRACKING	43	Medium	2844	SqFt	23.4	10.0	Climate/Durability
	1	L & T CR	48	High	212	Ft	17.1	0.7	Climate/Durability
	1	L & T CR	48	Low	290	Ft	5.0	1.0	Climate/Durability
	1	L & T CR	48	Medium	1221	Ft	23.6	4.3	Climate/Durability
	1	WEATHERING	57	Medium	7771	SqFt	10.7	27.2	Climate/Durability
Apron 4	1	WEATHERING	57	High	20806	SqFt	49.8	72.8	Climate/Durability
	1	ALLIGATOR CRACKING	41	Medium	712	SqFt	26.8	0.8	Load
	1	BLOCK CRACKING	43	Medium	24802	SqFt	32.7	27.0	Climate/Durability
	1	L & T CR	48	Low	26	Ft	2.5	0.0	Climate/Durability
	1	L & T CR	48	High	219	Ft	10.9	0.2	Climate/Durability
	1	L & T CR	48	Medium	1328	Ft	13.4	1.4	Climate/Durability
	1	PATCHING	50	Low	242	SqFt	2.1	0.3	Climate/Durability
	1	RAVELING	52	Low	20734	SqFt	14.5	22.6	Climate/Durability
	1	RAVELING	52	High	28364	SqFt	64.0	30.9	Climate/Durability
Apron 4	1	RAVELING	52	Medium	42575	SqFt	40.8	46.4	Climate/Durability

Inspection Report

2014-AID-PCI-from pavement Computer-052015

Generated Date 10/31/2023

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Network:	VAY	Name:	South Jersey Regional Airport				
Branch:	APR 1	Name:	Apron 1	Use:	APRON	Area:	235,307 SqFt
Section:	1	of	2	From:	TW B	To:	APR Sec 2
Surface:	AC	Family:	DEFAULT	Zone:		Category:	
Area:	219,548 SqFt	Length:	400 Ft	Width:	548 Ft	Rank:	A
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:	548 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:	6/7/2021	TotalSamples:	44	Surveyed:	16
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Conditions: PCI: 91

Inspection Comments:

Sample Number:	1	Type:	R	Area:	6305.00 SqFt	PCI:	84
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Sample Comments:

Distress	Description	Severity	Quantity	Density	Deduct	Comments
45	DEPRESSION	L	120.00 SqFt	1.9	10.9	
48	L & T CR	L	126.00 Ft	2.0	7.4	

Sample Number:	10	Type:	R	Area:	4961.00 SqFt	PCI:	94
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Sample Comments:

Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	L	66.00 Ft	1.3	5.7	

Sample Number:	13	Type:	R	Area:	4961.00 SqFt	PCI:	96
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Sample Comments:

Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	L	20.00 Ft	0.4	3.9	

Sample Number:	15	Type:	R	Area:	4961.00 SqFt	PCI:	96
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Sample Comments:

Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	L	22.00 Ft	0.4	4.0	

Sample Number:	19	Type:	R	Area:	5555.00 SqFt	PCI:	91
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Sample Comments:

Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	L	144.00 Ft	2.6	9.0	

Sample Number:	21	Type:	R	Area:	4830.00 SqFt	PCI:	82
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Sample Comments:

Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	L	6.00 Ft	0.1	2.5	
48	L & T CR	L	3.00 Ft	0.1	2.5	
48	L & T CR	M	120.00 Ft	2.5	17.6	

Sample Number:	23	Type:	R	Area:	4830.00 SqFt	PCI:	82
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Sample Comments:

Distress	Description	Severity	Quantity	Density	Deduct	Comments
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48	L & T CR	M	120.00	Ft	2.5	17.6
Sample Number:	26	Type:	R	Area:	4830.00	PCI: 91
Sample Comments:						
Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	L	7.00	Ft	0.1	2.7
48	L & T CR	M	20.00	Ft	0.4	7.6
Sample Number:	28	Type:	R	Area:	4830.00	PCI: 91
Sample Comments:						
Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	L	7.00	Ft	0.1	2.7
48	L & T CR	M	20.00	Ft	0.4	7.6
Sample Number:	3	Type:	R	Area:	6305.00	PCI: 94
Sample Comments:						
Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	L	15.00	Ft	0.2	3.3
48	L & T CR	L	7.00	Ft	0.1	2.5
48	L & T CR	L	3.00	Ft	0.0	2.5
48	L & T CR	L	18.00	Ft	0.3	3.6
48	L & T CR	L	38.00	Ft	0.6	4.2
Sample Number:	32	Type:	R	Area:	4352.00	PCI: 91
Sample Comments:						
Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	L	7.00	Ft	0.2	2.8
48	L & T CR	M	20.00	Ft	0.5	8.0
Sample Number:	35	Type:	R	Area:	3822.00	PCI: 95
Sample Comments:						
Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	L	40.00	Ft	1.0	5.0
Sample Number:	39	Type:	R	Area:	7680.00	PCI: 83
Sample Comments:						
Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	L	25.00	Ft	0.3	3.7
48	L & T CR	L	280.00	Ft	3.6	11.7
48	L & T CR	M	25.00	Ft	0.3	6.8
Sample Number:	41	Type:	R	Area:	5253.00	PCI: 95
Sample Comments:						
Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	L	4.00	Ft	0.1	2.5
48	L & T CR	L	9.00	Ft	0.2	2.9
48	L & T CR	L	13.00	Ft	0.2	3.4
48	L & T CR	L	25.00	Ft	0.5	4.0

Sample Number: 42

Type: R

Area: 5253.00 SqFt

PCI: 96

Sample Comments:

Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	L	15.00 Ft	0.3	3.6	
48	L & T CR	L	9.00 Ft	0.2	2.9	
48	L & T CR	L	6.00 Ft	0.1	2.5	

Sample Number: 6

Type: R

Area: 5760.00 SqFt

PCI: 96

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	L	3.00 Ft	0.1	2.5	
48	L & T CR	L	3.00 Ft	0.1	2.5	
48	L & T CR	L	3.00 Ft	0.1	2.5	
48	L & T CR	L	4.00 Ft	0.1	2.5	
48	L & T CR	L	1.00 Ft	0.0	2.5	
48	L & T CR	L	4.00 Ft	0.1	2.5	
48	L & T CR	L	3.00 Ft	0.1	2.5	

Network:	VAY			Name:	South Jersey Regional Airport					
Branch:	APR 1		Name:	Apron 1		Use:	APRON	Area:	235,307 SqFt	
Section:	2	of 2		From:	APR Sec 1			To:	TW C	
Surface:	AC	Family:	DEFAULT		Zone:				Category:	Rank: A
Area:	15,759 SqFt		Length:	273 Ft		Width:	50 Ft			
Slabs:	Slab Length:		Ft		Slab Width:	Ft		Joint Length:	50 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:	6/10/2021		TotalSamples:	3		Surveyed:	1			
Conditions:	PCI: 43									
Inspection Comments:	Sample units were canged from the 2014 survey to this survey because there were trailers parked on SU 43 and 45, these were changed to the adjacent sample units, 42 and 46									

Sample Number:	46	Type:	R	Area:	5253.00 SqFt	PCI:	43
Sample Comments:							

Distress	Description	Severity	Quantity	Density	Deduct	Comments
45	DEPRESSION	H	300.00 SqFt	5.7	43.9	
48	L & T CR	L	10.00 Ft	0.2	3.0	
48	L & T CR	L	4.00 Ft	0.1	2.5	
48	L & T CR	L	15.00 Ft	0.3	3.6	
48	L & T CR	L	3.00 Ft	0.1	2.5	
48	L & T CR	L	18.00 Ft	0.3	3.7	
48	L & T CR	L	5.00 Ft	0.1	2.5	
48	L & T CR	L	3.00 Ft	0.1	2.5	
48	L & T CR	M	170.00 Ft	3.2	20.3	
48	L & T CR	M	17.00 Ft	0.3	6.7	
48	L & T CR	M	18.00 Ft	0.3	6.9	
48	L & T CR	M	5.00 Ft	0.1	4.0	
48	L & T CR	M	8.00 Ft	0.2	4.4	
57	WEATHERING	M	5253.00 SqFt	100.0	20.3	

Network:	VAY			Name:	South Jersey Regional Airport									
Branch:	APR 2		Name:	Apron 2		Use:	APRON	Area:	38,181 SqFt					
Section:	1	of	1	From:	End TW D			To:	End APR 2		Last Const.:	1/1/1900		
Surface:	AC		Family:	DEFAULT		Zone:				Category:	Rank:		A	
Area:	38,181 SqFt		Length:	374 Ft		Width:	102 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:	6/10/2021			TotalSamples:		6		Surveyed:						3
Conditions:	PCI:	53												
Inspection Comments:														
Sample Number:	1	Type:	R	Area:		6364.00 SqFt			PCI:					66
Sample Comments:														
Distress	Description		Severity	Quantity		Density	Deduct	Comments						
45	DEPRESSION		L	.75	SqFt	0.0	0.3							
45	DEPRESSION		M	209.00	SqFt	3.3	26.8							
48	L & T CR		L	26.00	Ft	0.4	3.9							
48	L & T CR		L	68.00	Ft	1.1	5.1							
48	L & T CR		L	88.00	Ft	1.4	5.8							
48	L & T CR		L	16.00	Ft	0.3	3.4							
48	L & T CR		L	75.00	Ft	1.2	5.3							
48	L & T CR		L	18.00	Ft	0.3	3.5							
48	L & T CR		L	25.00	Ft	0.4	3.9							
50	PATCHING		L	1.00	SqFt	0.0	2.0	Anchor						
50	PATCHING		L	1.00	SqFt	0.0	2.0	Anchor						
50	PATCHING		L	1.00	SqFt	0.0	2.0	Anchor						
50	PATCHING		L	1.00	SqFt	0.0	2.0	Anchor						
50	PATCHING		L	1.00	SqFt	0.0	2.0	Anchor						
Sample Number:	2	Type:	R	Area:		6364.00 SqFt			PCI:					60
Sample Comments:														
Distress	Description		Severity	Quantity		Density	Deduct	Comments						
43	BLOCK CR		L	280.00	SqFt	4.4	13.0							
45	DEPRESSION		L	26.00	SqFt	0.4	2.6							
48	L & T CR		L	105.00	Ft	1.6	6.5							
48	L & T CR		L	18.00	Ft	0.3	3.5							
48	L & T CR		L	32.00	Ft	0.5	4.1							
48	L & T CR		M	21.00	Ft	0.3	6.8							
48	L & T CR		M	42.00	Ft	0.7	9.4							
50	PATCHING		L	1.00	SqFt	0.0	2.0	Anchor						
50	PATCHING		L	1.00	SqFt	0.0	2.0	Anchor						
50	PATCHING		L	1.00	SqFt	0.0	2.0	Anchor						

57	WEATHERING	M	6364.00	SqFt	100.0	20.3	
Sample Number: 6		Type: R	Area: 6364.00 SqFt		PCI: 31		
Sample Comments:							
Distress	Description	Severity	Quantity		Density	Deduct	Comments
48	L & T CR	L	6.00	Ft	0.1	2.5	
48	L & T CR	L	55.00	Ft	0.9	4.7	
48	L & T CR	L	8.00	Ft	0.1	2.5	
48	L & T CR	L	15.00	Ft	0.2	3.3	
48	L & T CR	L	19.00	Ft	0.3	3.6	
48	L & T CR	M	12.00	Ft	0.2	5.0	
48	L & T CR	M	14.00	Ft	0.2	5.4	
48	L & T CR	M	20.00	Ft	0.3	6.6	
48	L & T CR	M	41.00	Ft	0.6	9.3	
48	L & T CR	M	13.00	Ft	0.2	5.2	
50	PATCHING	L	1.00	SqFt	0.0	2.0	Anchor
50	PATCHING	L	1.00	SqFt	0.0	2.0	Anchor
50	PATCHING	L	1.00	SqFt	0.0	2.0	Anchor
50	PATCHING	L	1.00	SqFt	0.0	2.0	Anchor
50	PATCHING	L	1.00	SqFt	0.0	2.0	Anchor
50	PATCHING	L	1.00	SqFt	0.0	2.0	Anchor
57	WEATHERING	H	6364.00	SqFt	100.0	56.6	

Network:	VAY		Name:	South Jersey Regional Airport								
Branch:	APR 3		Name:	Apron 3		Use:	APRON	Area:	28,577 SqFt			
Section:	1	of	1	From:	Side TW D			To:	End APR 3		Last Const.:	1/1/1900
Surface:	AC		Family:	DEFAULT		Zone:		Category:	Rank: A			
Area:	28,577 SqFt		Length:	336 Ft		Width:	85 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:	6/10/2021		TotalSamples:		6		Surveyed: 4					
Conditions:	PCI: 30											
Inspection Comments:												
Sample Number:	1	Type:	A	Area:		4763.00 SqFt			PCI: 27			
Sample Comments:												
Distress	Description		Severity	Quantity		Density	Deduct	Comments				
41	ALLIGATOR CR		M	75.00	SqFt	1.6	33.8					
43	BLOCK CR		M	484.00	SqFt	10.2	23.6					
48	L & T CR		L	11.00	Ft	0.2	3.3					
48	L & T CR		L	14.00	Ft	0.3	3.6					
48	L & T CR		M	44.00	Ft	0.9	10.8					
48	L & T CR		M	44.00	Ft	0.9	10.8					
48	L & T CR		M	12.00	Ft	0.3	5.9					
48	L & T CR		M	7.00	Ft	0.1	4.3					
48	L & T CR		M	14.00	Ft	0.3	6.4					
57	WEATHERING		H	4763.00	SqFt	100.0	56.6					
Sample Number:	3	Type:	R	Area:		4763.00 SqFt			PCI: 34			
Sample Comments:												
Distress	Description		Severity	Quantity		Density	Deduct	Comments				
41	ALLIGATOR CR		M	45.00	SqFt	0.9	28.6					
41	ALLIGATOR CR		M	80.00	SqFt	1.7	34.5					
41	ALLIGATOR CR		M	20.00	SqFt	0.4	21.4					
48	L & T CR		L	16.00	Ft	0.3	3.7					
48	L & T CR		M	19.00	Ft	0.4	7.5					
48	L & T CR		M	13.00	Ft	0.3	6.2					
48	L & T CR		M	113.00	Ft	2.4	17.2					
48	L & T CR		M	42.00	Ft	0.9	10.6					
48	L & T CR		M	16.00	Ft	0.3	6.9					
48	L & T CR		H	6.00	Ft	0.1	8.5					
48	L & T CR		H	15.00	Ft	0.3	12.1					
48	L & T CR		H	55.00	Ft	1.2	21.0					
48	L & T CR		H	12.00	Ft	0.3	11.1					
48	L & T CR		H	14.00	Ft	0.3	11.7					

48	L & T CR	H	25.00	Ft	0.5	14.7
57	WEATHERING	M	4663.00	SqFt	97.9	20.2
57	WEATHERING	H	15.00	SqFt	0.3	5.1
57	WEATHERING	H	85.00	SqFt	1.8	10.5

Sample Number: 5

Type: R

Area: 4763.00 SqFt

PCI: 29

Sample Comments:

Distress	Description	Severity	Quantity		Density	Deduct	Comments
43	BLOCK CR	M	714.00	SqFt	15.0	26.8	
43	BLOCK CR	M	160.00	SqFt	3.4	16.8	
43	BLOCK CR	M	308.00	SqFt	6.5	20.5	
48	L & T CR	L	6.00	Ft	0.1	2.6	
48	L & T CR	L	20.00	Ft	0.4	3.9	
48	L & T CR	M	78.00	Ft	1.6	14.2	
48	L & T CR	M	40.00	Ft	0.8	10.4	
48	L & T CR	M	44.00	Ft	0.9	10.8	
48	L & T CR	M	30.00	Ft	0.6	9.2	
48	L & T CR	M	33.00	Ft	0.7	9.6	
57	WEATHERING	H	4763.00	SqFt	100.0	56.6	

Sample Number: 6

Type: R

Area: 4763.00 SqFt

PCI: 28

Sample Comments:

Distress	Description	Severity	Quantity		Density	Deduct	Comments
43	BLOCK CR	M	160.00	SqFt	3.4	16.8	
43	BLOCK CR	M	35.00	SqFt	0.7	11.0	
43	BLOCK CR	M	39.00	SqFt	0.8	11.3	
48	L & T CR	L	14.00	Ft	0.3	3.6	
48	L & T CR	L	50.00	Ft	1.0	5.1	
48	L & T CR	L	20.00	Ft	0.4	3.9	
48	L & T CR	L	23.00	Ft	0.5	4.0	
48	L & T CR	L	5.00	Ft	0.1	2.5	
48	L & T CR	L	5.00	Ft	0.1	2.5	
48	L & T CR	M	22.00	Ft	0.5	8.0	
48	L & T CR	M	108.00	Ft	2.3	16.8	
48	L & T CR	M	44.00	Ft	0.9	10.8	
48	L & T CR	M	44.00	Ft	0.9	10.8	
48	L & T CR	M	14.00	Ft	0.3	6.4	
57	WEATHERING	H	4763.00	SqFt	100.0	56.6	

Network:		VAY		Name:		South Jersey Regional Airport													
Branch:		APR 4		Name:		Apron 4		Use:		APRON		Area:		91,836 SqFt					
Section:		1		of		1		From:		Middle TW B		To:		End TW B		Last Const.:		1/1/1900	
Surface:		AC		Family:		DEFAULT		Zone:				Category:				Rank:		A	
Area:		91,836 SqFt		Length:		400 Ft		Width:		230 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:		6/10/2021		TotalSamples:		18		Surveyed:		7									
Conditions:		PCI: 28																	
Inspection Comments:																			
Sample Number:		1		Type:		R		Area:		5141.00 SqFt		PCI:		25					
Sample Comments:																			
Distress		Description		Severity		Quantity		Density		Deduct		Comments							
48		L & T CR		M		16.00 Ft		0.3		6.6									
48		L & T CR		M		97.00 Ft		1.9		15.2									
48		L & T CR		M		48.50 Ft		0.9		10.9									
52		RAVELING		M		2570.50 SqFt		50.0		42.2									
52		RAVELING		H		2570.50 SqFt		50.0		66.7									
Sample Number:		10		Type:		R		Area:		5141.00 SqFt		PCI:		28					
Sample Comments:																			
Distress		Description		Severity		Quantity		Density		Deduct		Comments							
50		PATCHING		L		2.25 SqFt		0.0		2.0		Anchor							
50		PATCHING		L		2.25 SqFt		0.0		2.0		Anchor							
50		PATCHING		L		2.25 SqFt		0.0		2.0		Anchor							
52		RAVELING		M		3781.00 SqFt		73.5		49.8									
52		RAVELING		H		1360.00 SqFt		26.5		62.9									
Sample Number:		14		Type:		R		Area:		4905.00 SqFt		PCI:		23					
Sample Comments:																			
Distress		Description		Severity		Quantity		Density		Deduct		Comments							
41		ALLIGATOR CR		M		51.00 SqFt		1.0		29.6									
48		L & T CR		M		103.00 Ft		2.1		16.1									
48		L & T CR		M		10.00 Ft		0.2		5.2									
48		L & T CR		M		16.00 Ft		0.3		6.8									
48		L & T CR		M		99.00 Ft		2.0		15.8									
48		L & T CR		H		86.00 Ft		1.8		25.5									
50		PATCHING		L		4.00 SqFt		0.1		2.0		Anchor							
50		PATCHING		L		4.00 SqFt		0.1		2.0		Anchor							
50		PATCHING		L		4.00 SqFt		0.1		2.0		Anchor							
50		PATCHING		L		4.00 SqFt		0.1		2.0		Anchor							
50		PATCHING		L		4.00 SqFt		0.1		2.0		Anchor							
50		PATCHING		L		4.00 SqFt		0.1		2.0		Anchor							

52	RAVELING	M	4869.00	SqFt	99.3	56.6	
52	RAVELING	H	36.00	SqFt	0.7	13.8	
Sample Number: 17 Type: R Area: 5374.00 SqFt PCI: 49							
Sample Comments:							
Distress	Description	Severity	Quantity	Density	Deduct	Comments	
41	ALLIGATOR CR	M	128.00	SqFt	2.4	38.3	
48	L & T CR	M	50.00	Ft	0.9	10.9	
48	L & T CR	M	50.00	Ft	0.9	10.9	
48	L & T CR	M	8.00	Ft	0.1	4.4	
48	L & T CR	M	23.00	Ft	0.4	7.7	
52	RAVELING	L	5374.00	SqFt	100.0	26.4	
Sample Number: 5 Type: R Area: 5141.00 SqFt PCI: 18							
Sample Comments:							
Distress	Description	Severity	Quantity	Density	Deduct	Comments	
43	BLOCK CR	M	5141.00	SqFt	100.0	53.0	
52	RAVELING	M	2570.50	SqFt	50.0	42.2	
52	RAVELING	H	2570.50	SqFt	50.0	66.7	
Sample Number: 6 Type: R Area: 5141.00 SqFt PCI: 37							
Sample Comments:							
Distress	Description	Severity	Quantity	Density	Deduct	Comments	
41	ALLIGATOR CR	M	100.00	SqFt	1.9	36.1	
48	L & T CR	L	10.00	Ft	0.2	3.1	
52	RAVELING	L	2750.00	SqFt	53.5	20.8	
52	RAVELING	M	2391.00	SqFt	46.5	40.9	
Sample Number: 9 Type: R Area: 5141.00 SqFt PCI: 17							
Sample Comments:							
Distress	Description	Severity	Quantity	Density	Deduct	Comments	
43	BLOCK CR	M	4577.00	SqFt	89.0	50.7	
50	PATCHING	L	64.00	SqFt	1.2	4.1	4 anchors (2 FT BY 2 FT)
52	RAVELING	M	500.00	SqFt	9.7	20.4	
52	RAVELING	H	4577.00	SqFt	89.0	69.3	

Network:	VAY		Name:	South Jersey Regional Airport							
Branch:	RW 8-26		Name:	Runway 8-26		Use:	RUNWAY	Area:	194,050 SqFt		
Section:	1	of	2	From:	RW 8		To:	CC		Last Const.:	1/1/1900
Surface:	AC		Family:	DEFAULT		Zone:	Category:		Rank: A		
Area:	61,750 SqFt		Length:	1,235 Ft		Width:	50 Ft				
Slabs:	Slab Length:		Ft		Slab Width:		Ft		Joint Length:		Ft
Shoulder:	Street Type:		Grade:		0		Lanes:		0		
Section Comments:											
Work Date:	1/1/1900		Work Type: New Construction - Initial				Code:	NC-IN		Is Major M&R: True	
Last Insp. Date:	6/8/2021		TotalSamples:		12		Surveyed: 5				
Conditions:	PCI: 70		Inspection Comments:								
Sample Number:	12		Type:	R		Area:		4754.00 SqFt		PCI: 70	
Sample Comments:											
Distress	Description		Severity	Quantity		Density	Deduct	Comments			
48	L & T CR		M	23.00 Ft		0.5	8.2				
50	PATCHING		L	299.00 SqFt		6.3	11.3				
57	WEATHERING		M	4455.00 SqFt		93.7	19.9				
Sample Number: 4											
Type: R											
Area: 4754.00 SqFt											
PCI: 70											
Sample Comments:											
Distress	Description		Severity	Quantity		Density	Deduct	Comments			
48	L & T CR		L	130.00 Ft		2.7	9.4				
48	L & T CR		M	25.00 Ft		0.5	8.5				
57	WEATHERING		M	4754.00 SqFt		100.0	20.3				
Sample Number: 5											
Type: R											
Area: 4754.00 SqFt											
PCI: 69											
Sample Comments:											
Distress	Description		Severity	Quantity		Density	Deduct	Comments			
50	PATCHING		L	1670.00 SqFt		35.1	25.9				
57	WEATHERING		L	3084.00 SqFt		64.9	5.4				
Sample Number: 8											
Type: R											
Area: 4754.00 SqFt											
PCI: 71											
Sample Comments:											
Distress	Description		Severity	Quantity		Density	Deduct	Comments			
48	L & T CR		M	23.00 Ft		0.5	8.2				
48	L & T CR		M	18.00 Ft		0.4	7.3				
48	L & T CR		H	23.00 Ft		0.5	14.2				
50	PATCHING		L	253.00 SqFt		5.3	10.3				
57	WEATHERING		L	4501.00 SqFt		94.7	5.9				
Sample Number: 9											
Type: R											
Area: 4754.00 SqFt											
PCI: 72											
Sample Comments:											
Distress	Description		Severity	Quantity		Density	Deduct	Comments			
48	L & T CR		L	16.00 Ft		0.3	3.7				
50	PATCHING		L	598.00 SqFt		12.6	16.4				
57	WEATHERING		M	4156.00 SqFt		87.4	19.5				

Network:	VAY		Name:	South Jersey Regional Airport							
Branch:	RW 8-26		Name:	Runway 8-26		Use:	RUNWAY	Area:	194,050 SqFt		
Section:	2	of	2	From:	CC		To:	RW 26		Last Const.:	1/1/1900
Surface:	AC		Family:	DEFAULT		Zone:	Category:		Rank: A		
Area:	132,300 SqFt		Length:	2,646 Ft		Width:	50 Ft				
Slabs:	Slab Length:		Ft		Slab Width:		Ft		Joint Length:		Ft
Shoulder:	Street Type:		Grade:		0		Lanes:		0		
Section Comments:											
Work Date:	1/1/1900		Work Type: New Construction - Initial				Code:	NC-IN		Is Major M&R: True	
Last Insp. Date:	6/8/2021		TotalSamples:		26		Surveyed: 10				
Conditions:	PCI: 61		Inspection Comments:								
Sample Number:	16		Type:	R		Area:		4997.00 SqFt		PCI: 72	
Sample Comments:											
Distress	Description		Severity	Quantity		Density	Deduct	Comments			
48	L & T CR		L	175.00 Ft		3.5	11.3				
48	L & T CR		M	135.00 Ft		2.7	18.4				
57	WEATHERING		L	4997.00 SqFt		100.0	6.0				
Sample Number:	19		Type:	R		Area:		4997.00 SqFt		PCI: 63	
Sample Comments:											
Distress	Description		Severity	Quantity		Density	Deduct	Comments			
48	L & T CR		L	238.00 Ft		4.8	14.3				
48	L & T CR		M	15.00 Ft		0.3	6.5				
48	L & T CR		H	15.00 Ft		0.3	11.8				
50	PATCHING		M	276.00 SqFt		5.5	20.5				
57	WEATHERING		M	4721.00 SqFt		94.5	20.0				
Sample Number:	22		Type:	R		Area:		4997.00 SqFt		PCI: 67	
Sample Comments:											
Distress	Description		Severity	Quantity		Density	Deduct	Comments			
48	L & T CR		L	277.00 Ft		5.5	15.9				
50	PATCHING		M	276.00 SqFt		5.5	20.5				
57	WEATHERING		M	4721.00 SqFt		94.5	20.0				
Sample Number:	25		Type:	R		Area:		4997.00 SqFt		PCI: 53	
Sample Comments:											
Distress	Description		Severity	Quantity		Density	Deduct	Comments			
48	L & T CR		L	10.00 Ft		0.2	3.1				
48	L & T CR		L	139.00 Ft		2.8	9.5				
48	L & T CR		L	14.00 Ft		0.3	3.5				
48	L & T CR		M	24.00 Ft		0.5	8.1				
48	L & T CR		M	24.00 Ft		0.5	8.1				
50	PATCHING		L	648.00 SqFt		13.0	16.6				
50	PATCHING		M	288.00 SqFt		5.8	21.0				
52	RAVELING		L	12.00 SqFt		0.2	1.3				

52	RAVELING	H	5.00	SqFt	0.1	6.0
57	WEATHERING	M	4061.00	SqFt	81.3	19.0
Sample Number: 28 Type: R Area: 4997.00 SqFt PCI: 61						
Sample Comments:						
Distress	Description	Severity	Quantity		Density	Deduct Comments
48	L & T CR	L	205.00	Ft	4.1	12.8
48	L & T CR	M	12.00	Ft	0.2	5.7
48	L & T CR	M	20.00	Ft	0.4	7.5
48	L & T CR	M	24.00	Ft	0.5	8.1
48	L & T CR	M	24.00	Ft	0.5	8.1
50	PATCHING	L	672.00	SqFt	13.4	16.9
50	PATCHING	M	1.00	SqFt	0.0	6.2
57	WEATHERING	M	4324.00	SqFt	86.5	19.4
Sample Number: 29 Type: R Area: 4997.00 SqFt PCI: 58						
Sample Comments:						
Distress	Description	Severity	Quantity		Density	Deduct Comments
48	L & T CR	L	8.00	Ft	0.2	2.8
48	L & T CR	M	24.00	Ft	0.5	8.1
48	L & T CR	M	24.00	Ft	0.5	8.1
48	L & T CR	M	13.00	Ft	0.3	6.0
50	PATCHING	L	3168.00	SqFt	63.4	32.4
57	WEATHERING	M	1829.00	SqFt	36.6	12.8
Sample Number: 31 Type: R Area: 4997.00 SqFt PCI: 51						
Sample Comments:						
Distress	Description	Severity	Quantity		Density	Deduct Comments
48	L & T CR	L	6.00	Ft	0.1	2.5
48	L & T CR	L	8.00	Ft	0.2	2.8
48	L & T CR	L	17.00	Ft	0.3	3.7
48	L & T CR	L	12.00	Ft	0.2	3.3
48	L & T CR	L	10.00	Ft	0.2	3.1
48	L & T CR	M	34.00	Ft	0.7	9.5
48	L & T CR	M	14.00	Ft	0.3	6.2
48	L & T CR	M	24.00	Ft	0.5	8.1
48	L & T CR	M	10.00	Ft	0.2	5.1
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	12.00	Ft	0.2	5.7
48	L & T CR	H	24.00	Ft	0.5	14.2
50	PATCHING	M	792.00	SqFt	15.8	34.2
57	WEATHERING	H	15.00	SqFt	0.3	5.0

57	WEATHERING	H	4.00	SqFt	0.1	3.2
Sample Number: 33		Type: R	Area: 4997.00 SqFt		PCI: 65	
Sample Comments:						
Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	L	48.00 Ft	1.0	4.9	
48	L & T CR	L	46.00 Ft	0.9	4.8	
48	L & T CR	L	5.00 Ft	0.1	2.5	
48	L & T CR	L	52.00 Ft	1.0	5.0	
48	L & T CR	L	25.00 Ft	0.5	4.1	
48	L & T CR	L	20.00 Ft	0.4	3.9	
48	L & T CR	M	4.00 Ft	0.1	4.0	
48	L & T CR	M	23.00 Ft	0.5	8.0	
48	L & T CR	M	24.00 Ft	0.5	8.1	
48	L & T CR	M	10.00 Ft	0.2	5.1	
48	L & T CR	M	14.00 Ft	0.3	6.2	
50	PATCHING	L	288.00 SqFt	5.8	10.8	
57	WEATHERING	M	4709.00 SqFt	94.2	20.0	

Sample Number: 36		Type: R	Area: 4997.00 SqFt		PCI: 70	
Sample Comments:						
Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	L	157.00 Ft	3.1	10.4	
50	PATCHING	M	170.00 SqFt	3.4	16.0	
57	WEATHERING	M	4827.00 SqFt	96.6	20.1	

Sample Number: 37		Type: R	Area:		4997.00 SqFt	PCI: 51	
Sample Comments:							
Distress	Description	Severity	Quantity		Density	Deduct	Comments
43	BLOCK CR	M	100.00	SqFt	2.0	14.5	
45	DEPRESSION	H	40.00	SqFt	0.8	24.3	
48	L & T CR	L	20.00	Ft	0.4	3.9	
48	L & T CR	L	22.00	Ft	0.4	4.0	
48	L & T CR	L	155.00	Ft	3.1	10.3	
48	L & T CR	L	3.00	Ft	0.1	2.5	
48	L & T CR	H	25.00	Ft	0.5	14.4	
50	PATCHING	L	155.00	SqFt	3.1	7.4	
57	WEATHERING	M	4842.00	SqFt	96.9	20.1	

Network:	VAY		Name:	South Jersey Regional Airport							
Branch:	TW A		Name:	Taxiway A		Use:	TAXIWAY	Area:	42,440 SqFt		
Section:	1	of	2	From:	RW 8		To:	RW 26			
Surface:	AC		Family:	DEFAULT		Zone:	Category:		Rank:	A	
Area:	32,126 SqFt		Length:	1,890 Ft		Width:	17 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:	6/10/2021		TotalSamples:		8		Surveyed:				3
Conditions:	PCI:	65									
Inspection Comments:											
Sample Number:	1	Type:	R	Area:		3796.00 SqFt		PCI:			70
Sample Comments:											
Distress	Description		Severity	Quantity		Density	Deduct	Comments			
48	L & T CR		L	29.00 Ft		0.8	4.5				
48	L & T CR		L	15.00 Ft		0.4	3.9				
48	L & T CR		L	25.00 Ft		0.7	4.3				
48	L & T CR		L	7.00 Ft		0.2	3.0				
48	L & T CR		M	23.00 Ft		0.6	9.0				
48	L & T CR		M	6.00 Ft		0.2	4.5				
57	WEATHERING		M	3796.00 SqFt		100.0	20.3				
Sample Number:	5	Type:	R	Area:		4359.00 SqFt		PCI:			76
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		L	15.00 Ft		0.3	3.7				
48	L & T CR		L	3.00 Ft		0.1	2.5				
57	WEATHERING		M	4359.00 SqFt		100.0	20.3				
Sample Number:	8	Type:	R	Area:		4359.00 SqFt		PCI:			49
Sample Comments:											
Distress	Description		Severity	Quantity		Density	Deduct	Comments			
43	BLOCK CR		L	112.00 SqFt		2.6	10.9				
43	BLOCK CR		L	36.00 SqFt		0.8	7.4				
43	BLOCK CR		L	91.00 SqFt		2.1	10.1				
48	L & T CR		L	6.00 Ft		0.1	2.6				
48	L & T CR		L	44.00 Ft		1.0	5.0				
48	L & T CR		L	7.00 Ft		0.2	2.8				
48	L & T CR		L	13.00 Ft		0.3	3.6				
48	L & T CR		L	12.00 Ft		0.3	3.5				
48	L & T CR		L	20.00 Ft		0.5	4.0				
48	L & T CR		L	11.00 Ft		0.3	3.4				
48	L & T CR		L	13.00 Ft		0.3	3.6				

48	L & T CR	L	5.00	Ft	0.1	2.5
48	L & T CR	L	18.00	Ft	0.4	3.9
48	L & T CR	M	6.00	Ft	0.1	4.2
48	L & T CR	M	30.00	Ft	0.7	9.5
48	L & T CR	M	10.00	Ft	0.2	5.6
48	L & T CR	M	7.00	Ft	0.2	4.5
48	L & T CR	M	7.00	Ft	0.2	4.5
48	L & T CR	M	17.00	Ft	0.4	7.4
50	PATCHING	M	140.00	SqFt	3.2	15.6
50	PATCHING	H	78.00	SqFt	1.8	22.1
57	WEATHERING	M	4219.00	SqFt	96.8	20.1

Network:	VAY		Name:	South Jersey Regional Airport						
Branch:	TW A		Name:	Taxiway A		Use:	TAXIWAY	Area:	42,440 SqFt	
Section:	2	of 2	From:	CC Near RW 8			To:	TW B	Last Const.:	1/1/1900
Surface:	AC	Family:	DEFAULT	Zone:				Category:	Rank: A	
Area:	10,314 SqFt	Length:	607 Ft	Width:	17 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:	10/18/2023		TotalSamples:	2		Surveyed: 2				
Conditions:	PCI:	52								
Inspection Comments:										
Sample Number:	2	Type:	R	Area:	4147.00 SqFt			PCI:	48	
Sample Comments:										
Distress	Description	Severity	Quantity	Density	Deduct	Comments				
41	ALLIGATOR CR	L	16.00 SqFt	0.4	12.5					
41	ALLIGATOR CR	L	68.00 SqFt	1.6	25.2					
43	BLOCK CR	L	104.00 SqFt	2.5	10.8					
48	L & T CR	L	105.00 Ft	2.5	8.8					
48	L & T CR	L	14.00 Ft	0.3	3.7					
48	L & T CR	L	27.00 Ft	0.7	4.3					
48	L & T CR	M	20.00 Ft	0.5	8.2					
48	L & T CR	M	53.00 Ft	1.3	12.6					
48	L & T CR	M	20.00 Ft	0.5	8.2					
50	PATCHING	L	140.00 SqFt	3.4	7.8					
50	PATCHING	L	140.00 SqFt	3.4	7.8					
50	PATCHING	L	180.00 SqFt	4.3	9.1					
50	PATCHING	L	1.00 SqFt	0.0	2.0	core				
57	WEATHERING	L	3686.00 SqFt	88.9	5.8					
Sample Number:	3	Type:	R	Area:	6167.00 SqFt			PCI:	55	
Sample Comments:										
Distress	Description	Severity	Quantity	Density	Deduct	Comments				
41	ALLIGATOR CR	M	40.00 SqFt	0.6	25.1					
48	L & T CR	M	34.00 Ft	0.6	8.7					
48	L & T CR	M	58.00 Ft	0.9	10.9					
48	L & T CR	M	20.00 Ft	0.3	6.7					
50	PATCHING	L	1.00 SqFt	0.0	2.0	core				
50	PATCHING	L	120.00 SqFt	1.9	5.5					
50	PATCHING	L	60.00 SqFt	1.0	3.5					
50	PATCHING	M	200.00 SqFt	3.2	15.7					
50	PATCHING	M	40.00 SqFt	0.6	8.4					
57	WEATHERING	L	5747.00 SqFt	93.2	5.9					

Network:	VAY		Name:	South Jersey Regional Airport									
Branch:	TW B		Name:	Taxiway B		Use:	TAXIWAY	Area:	46,052 SqFt				
Section:	1	of	2	From:	RW 8-26		To:	TW B Sec 2		Last Const.:	1/1/1900		
Surface:	AC		Family:	DEFAULT		Zone:	Category:		Rank:			A	
Area:	7,629 SqFt		Length:	124 Ft		Width:	62 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:	6/7/2021			TotalSamples:		2		Surveyed:					2
Conditions:	PCI:		70										
Inspection Comments:													
Sample Number:	1		Type:	R		Area:		3765.00 SqFt		PCI:	70		
Sample Comments:													

Distress	Description	Severity	Quantity	Density	Deduct	Comments
48	L & T CR	L	41.00 Ft	1.1	5.1	
48	L & T CR	M	26.00 Ft	0.7	9.6	
57	WEATHERING	M	3765.00 SqFt	100.0	20.3	

Sample Number:	2	Type:	R	Area:	3864.00 SqFt	PCI:	70
Sample Comments:							
Distress	Description	Severity	Quantity	Density	Deduct	Comments	
48	L & T CR	L	71.00 Ft	1.8	7.0		
50	PATCHING	L	68.00 SqFt	1.8	5.1		
57	WEATHERING	M	3796.00 SqFt	98.2	20.2		

Network:	VAY		Name:	South Jersey Regional Airport							
Branch:	TW B		Name:	Taxiway B		Use:	TAXIWAY	Area:	46,052 SqFt		
Section:	2	of 2	From:	TW B Sec 1			To:	TL	Last Const.:	1/1/1900	
Surface:	AC	Family:	DEFAULT		Zone:		Category:		Rank:	A	
Area:	38,423 SqFt		Length:	1,130 Ft		Width:	34 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:	6/7/2021		TotalSamples:	6		Surveyed:	4				
Conditions:	PCI:	44									
Inspection Comments:											
Sample Number:	3	Type:	R	Area:	8622.00 SqFt		PCI:	60			
Sample Comments:											
Distress	Description	Severity	Quantity	Density	Deduct	Comments					
48	L & T CR	L	92.00 Ft	1.1	5.1						
48	L & T CR	M	478.00 Ft	5.5	27.1						
48	L & T CR	H	59.00 Ft	0.7	16.5						
50	PATCHING	M	68.00 SqFt	0.8	8.8						
50	PATCHING	M	68.00 SqFt	0.8	8.8						
Sample Number:	4	Type:	R	Area:	8622.00 SqFt		PCI:	21			
Sample Comments:											
Distress	Description	Severity	Quantity	Density	Deduct	Comments					
43	BLOCK CR	L	4860.00 SqFt	56.4	29.6						
48	L & T CR	L	33.00 Ft	0.4	3.8						
48	L & T CR	M	116.00 Ft	1.3	12.9						
48	L & T CR	H	345.00 Ft	4.0	37.3						
50	PATCHING	M	238.00 SqFt	2.8	14.5						
57	WEATHERING	H	8384.00 SqFt	97.2	56.0						
Sample Number:	5	Type:	A	Area:	6056.00 SqFt		PCI:	59			
Sample Comments:											
Distress	Description	Severity	Quantity	Density	Deduct	Comments					
43	BLOCK CR	L	6056.00 SqFt	100.0	35.6						
57	WEATHERING	M	6056.00 SqFt	100.0	20.3						
Sample Number:	7	Type:	R	Area:	4761.00 SqFt		PCI:	42			
Sample Comments:											
Distress	Description	Severity	Quantity	Density	Deduct	Comments					
43	BLOCK CR	L	1428.00 SqFt	30.0	24.2						
43	BLOCK CR	M	2618.00 SqFt	55.0	42.3						
48	L & T CR	M	10.00 Ft	0.2	5.3						
48	L & T CR	H	34.00 Ft	0.7	16.8						
57	WEATHERING	M	4761.00 SqFt	100.0	20.3						

Network:	VAY			Name:	South Jersey Regional Airport							
Branch:	TW C		Name:	Taxiway C		Use:	TAXIWAY	Area:	42,142 SqFt			
Section:	1	of	2	From:	TL	To:	TW C Sec 2		Last Const.:	1/1/1900		
Surface:	AC	Family:	DEFAULT		Zone:	Category:		Rank:		A		
Area:	35,406 SqFt		Length:	1,041 Ft		Width:	34 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:	6/7/2021			TotalSamples:			8		Surveyed:			4
Conditions:	PCI:	68										
Inspection Comments:												
Sample Number:	1	Type:	R	Area:			4374.00 SqFt		PCI:	65		
Sample Comments:												
Distress	Description	Severity	Quantity		Density	Deduct	Comments					
48	L & T CR	L	135.00	Ft	3.1	10.3						
48	L & T CR	M	210.00	Ft	4.8	25.1						
57	WEATHERING	L	4374.00	SqFt	100.0	6.0						
Sample Number:	3	Type:	R	Area:			4374.00 SqFt		PCI:	70		
Sample Comments:												
Distress	Description	Severity	Quantity		Density	Deduct	Comments					
48	L & T CR	L	88.00	Ft	2.0	7.4						
48	L & T CR	M	85.00	Ft	1.9	15.5						
48	L & T CR	H	21.00	Ft	0.5	14.2						
57	WEATHERING	L	4374.00	SqFt	100.0	6.0						
Sample Number:	5	Type:	R	Area:			4374.00 SqFt		PCI:	70		
Sample Comments:												
Distress	Description	Severity	Quantity		Density	Deduct	Comments					
48	L & T CR	L	38.00	Ft	0.9	4.7						
48	L & T CR	M	106.00	Ft	2.4	17.4						
48	L & T CR	H	34.00	Ft	0.8	17.5						
57	WEATHERING	L	4374.00	SqFt	100.0	6.0						
Sample Number:	7	Type:	R	Area:			4374.00 SqFt		PCI:	69		
Sample Comments:												
Distress	Description	Severity	Quantity		Density	Deduct	Comments					
48	L & T CR	L	127.00	Ft	2.9	9.8						
48	L & T CR	M	52.00	Ft	1.2	12.2						
48	L & T CR	H	68.00	Ft	1.6	24.1						

Network:	VAY			Name:	South Jersey Regional Airport						
Branch:	TW C		Name:	Taxiway C		Use:	TAXIWAY	Area:	42,142 SqFt		
Section:	2	of	2	From:	TW C Sec 1			To:	RW 26	Last Const.:	1/1/1900
Surface:	AC	Family:	DEFAULT		Zone:				Category:	Rank: A	
Area:	6,736 SqFt		Length:	103 Ft		Width:	65 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:	6/7/2021	TotalSamples:	2		Surveyed:	2					
Conditions:	PCI:	76									
Inspection Comments:											

Sample Number:	10	Type:	R	Area:	3534.00 SqFt		PCI:	75			
Sample Comments:											
Distress	Description	Severity	Quantity	Density	Deduct	Comments					
48	L & T CR	L	91.00 Ft	2.6	8.9						
57	WEATHERING	M	3534.00 SqFt	100.0	20.3						

Sample Number:	9	Type:	R	Area:	3202.00 SqFt		PCI:	77			
Sample Comments:											
Distress	Description	Severity	Quantity	Density	Deduct	Comments					
48	L & T CR	L	3.00 Ft	0.1	2.5						
57	WEATHERING	M	3202.00 SqFt	100.0	20.3						

Network:	VAY			Name:	South Jersey Regional Airport						
Branch:	TW D		Name:	Taxiway D		Use:	TAXIWAY	Area:	11,131 SqFt		
Section:	1	of	1	From:	TW A			To:	APR 2		
Surface:	AC		Family:	DEFAULT		Zone:			Category:	Rank: A	
Area:	11,131 SqFt		Length:	348 Ft		Width:	32 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:	6/10/2021			TotalSamples:		2		Surveyed:			2
Conditions:	PCI:		22								
Inspection Comments:											
Sample Number:	1	Type:	R	Area:		7990.00 SqFt		PCI:			22
Sample Comments:											
Distress	Description	Severity	Quantity	Density	Deduct	Comments					
41	ALLIGATOR CR	M	170.00 SqFt	2.1	37.0						
41	ALLIGATOR CR	M	85.00 SqFt	1.1	29.8						
41	ALLIGATOR CR	H	21.00 SqFt	0.3	24.5						
41	ALLIGATOR CR	H	42.00 SqFt	0.5	30.1						
43	BLOCK CR	L	28.00 SqFt	0.4	5.6						
43	BLOCK CR	L	15.00 SqFt	0.2	4.8						
43	BLOCK CR	M	45.00 SqFt	0.6	10.3						
43	BLOCK CR	M	15.00 SqFt	0.2	8.1						
43	BLOCK CR	M	56.00 SqFt	0.7	10.9						
43	BLOCK CR	M	80.00 SqFt	1.0	11.9						
48	L & T CR	L	11.00 Ft	0.1	2.6						
48	L & T CR	L	12.00 Ft	0.2	2.7						
48	L & T CR	L	36.00 Ft	0.5	4.0						
48	L & T CR	L	30.00 Ft	0.4	3.8						
48	L & T CR	L	11.00 Ft	0.1	2.6						
48	L & T CR	L	16.00 Ft	0.2	3.1						
48	L & T CR	M	9.00 Ft	0.1	4.0						
48	L & T CR	M	25.00 Ft	0.3	6.6						
48	L & T CR	M	9.00 Ft	0.1	4.0						
48	L & T CR	M	24.00 Ft	0.3	6.5						
48	L & T CR	M	15.00 Ft	0.2	5.0						
48	L & T CR	M	18.00 Ft	0.2	5.5						
48	L & T CR	M	18.00 Ft	0.2	5.5						
48	L & T CR	M	18.00 Ft	0.2	5.5						
48	L & T CR	M	48.00 Ft	0.6	9.0						
48	L & T CR	M	30.00 Ft	0.4	7.3						
48	L & T CR	M	54.00 Ft	0.7	9.5						

52	RAVELING	H	8.00	SqFt	0.1	6.0
57	WEATHERING	M	5270.00	SqFt	66.0	17.4
57	WEATHERING	H	2712.00	SqFt	33.9	36.3

Sample Number: 2

Type: R

Area: 3141.00 SqFt

PCI: 23

Sample Comments:

Distress	Description	Severity	Quantity	Density	Deduct	Comments
43	BLOCK CR	L	379.00	SqFt	12.1	18.1
43	BLOCK CR	L	280.00	SqFt	8.9	16.4
43	BLOCK CR	M	240.00	SqFt	7.6	21.5
48	L & T CR	L	47.00	Ft	1.5	6.1
48	L & T CR	M	18.00	Ft	0.6	8.8
48	L & T CR	M	20.00	Ft	0.6	9.2
57	WEATHERING	H	3141.00	SqFt	100.0	56.6

Network:	VAY			Name:	South Jersey Regional Airport							
Branch:	TW E		Name:	Taxiway E		Use:	TAXIWAY		Area:	16,006 SqFt		
Section:	1	of 1		From:	TW B			To:	TW C		Last Const.:	1/1/1900
Surface:	AC		Family:	DEFAULT		Zone:				Category:	Rank: A	
Area:	16,006 SqFt		Length:	616 Ft		Width:	26 Ft					
Slabs:	Slab Length:		Ft		Slab Width:		Ft		Joint Length:		26 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: 6/6/2021	TotalSamples: 4	Surveyed: 3	
Conditions: PCI: 59			
Inspection Comments:			

Sample Number:	1	Type:	R	Area:	4198.00 SqFt	PCI:	44
Sample Comments:							

Distress	Description	Severity	Quantity		Density	Deduct	Comments
43	BLOCK CR	M	1250.00	SqFt	29.8	33.9	
48	L & T CR	L	17.00	Ft	0.4	3.9	
48	L & T CR	L	32.00	Ft	0.8	4.5	
48	L & T CR	M	11.00	Ft	0.3	6.0	
48	L & T CR	M	49.00	Ft	1.2	12.1	
48	L & T CR	H	28.00	Ft	0.7	16.3	
48	L & T CR	H	30.00	Ft	0.7	16.8	
48	L & T CR	H	25.00	Ft	0.6	15.5	
48	L & T CR	H	12.00	Ft	0.3	11.6	
57	WEATHERING	M	4198.00	SqFt	100.0	20.3	

Sample Number:	2	Type:	R	Area:	4198.00 SqFt	PCI:	63
Sample Comments:							

Distress	Description	Severity	Quantity		Density	Deduct	Comments
48	L & T CR	L	23.00	Ft	0.5	4.1	
48	L & T CR	M	37.00	Ft	0.9	10.6	
48	L & T CR	H	82.00	Ft	2.0	26.9	
57	WEATHERING	L	4198.00	SqFt	100.0	6.0	

Sample Number:	3	Type:	R	Area:	4198.00 SqFt	PCI:	69
Sample Comments:							

Distress	Description	Severity	Quantity		Density	Deduct	Comments
48	L & T CR	L	84.00	Ft	2.0	7.4	
48	L & T CR	M	35.00	Ft	0.8	10.4	
48	L & T CR	H	50.00	Ft	1.2	21.3	
57	WEATHERING	L	4198.00	SqFt	100.0	6.0	

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