

SOUTH CAROLINA AERONAUTICS COMMISSION

STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE



CUB - Jim Hamilton - L.B. Owens Airport



AERONAUTICS

STATEWIDE AIRFIELD PAVEMENT MANAGEMENT SYSTEM UPDATE



CUB - Jim Hamilton - L.B. Owens Airport

Contents

Overview	3
Introduction	3
System Inventory	4
Functional Evaluation	7
Pavement Condition Index	7
Critical PCI	8
PCI Results	8
Pavement Condition Forecast	11
M&R Overview	14
Localized Maintenance and Repair	15
Major Rehabilitation Needs	
Appendix A – Exhibits	A-1
Appendix B – Analysis Tables	B-1
Appendix C – Maintenance and Rehabilitation Tables	C-1
Appendix D – PCI Results Summary	D-1
Appendix E – Re-Inspection Report	F-1





Overview

Introduction

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

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

Project elements preformed for this 2021-2024 program update include the development and updates of pavement inventories, documentation of pavement conditions, performance modeling, and maintenance and rehabilitation (M&R) needs for all participating airports. This report summarizes the results of the SCAC pavement program update at Jim Hamilton - L.B. Owens Airport (CUB).



Figure 1 - Airport Layout



CUB - Jim Hamilton - L.B. Owens Airport

System Inventory

The pavements at Jim Hamilton - L.B. Owens Airport (CUB) include approximately 1.3 million square feet of airfield pavements consisting of runways, taxiways, taxilanes and aprons. Per the guidance in the ASTM D5340-20, all pavements were divided and subdivided into pavement management units (Network, Branch, Section, Sample). The divisions are documented in the **Network Definition Exhibit** providing the name and location of each branch, section, and sample.

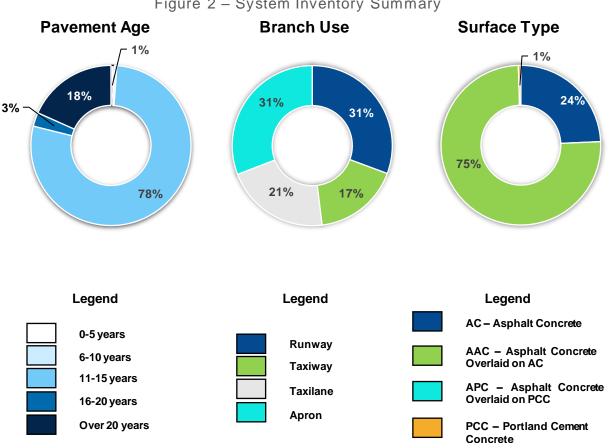
Each pavement update included a review of documentation of any maintenance and major rehabilitation related activities performed on the airfield pavements. The following table summarizes the projects that have occurred since the previous inspection.

Table 1 - Recent Airfield Pavement Construction

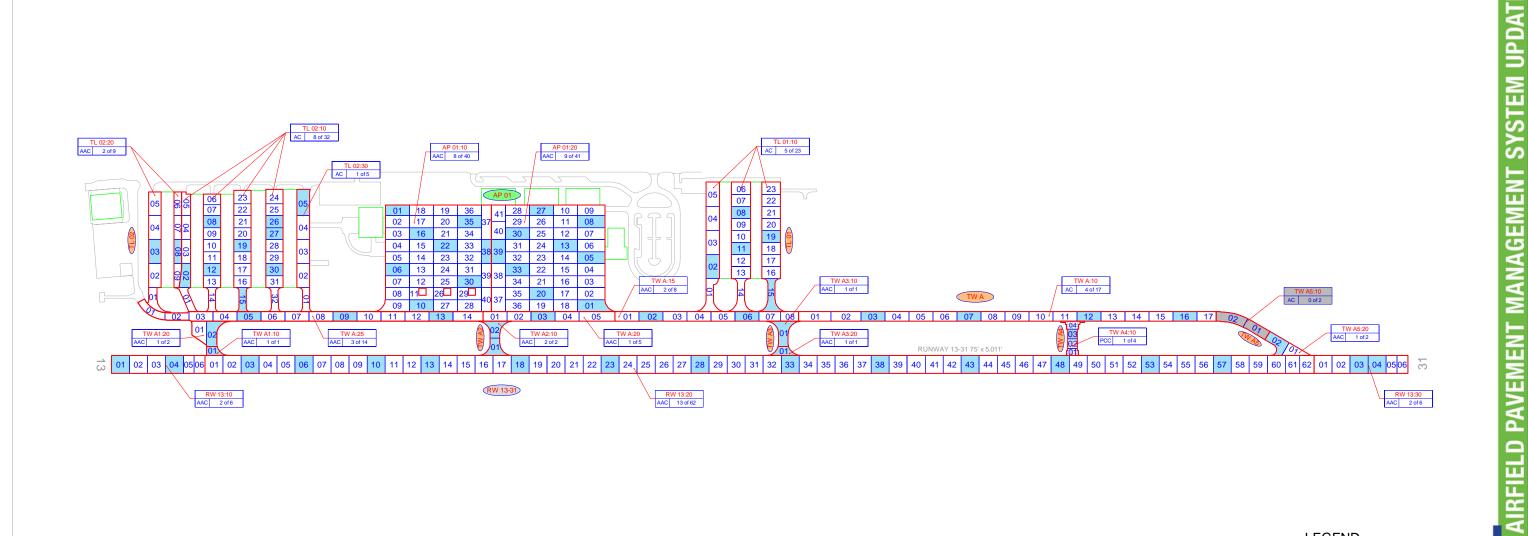
Construction Year	Location	Work Type / Pavement Section
2020	TL 01	Patching - AC
2022	TW A5	Reconstruction - AC 4" P-401, 14" P-209

The following figure summarizes the inventory items at Jim Hamilton - L.B. Owens Airport (CUB). The Estimated Age Exhibit provides the last major work date for each pavement section based on the collected documentation.

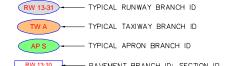
Figure 2 - System Inventory Summary







LEGEND



RW 13:10
PAVEMENT BRANCH ID: SECTION ID

NUMBER OF SAMPLE UNITS IN SECTION
NUMBER OF SAMPLE UNITS TO BE INSPECTED
PAVEMENT SURFACE TYPE

SECTION NOT INSPECTED DUE TO RECENT

AAC 0 of 5

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



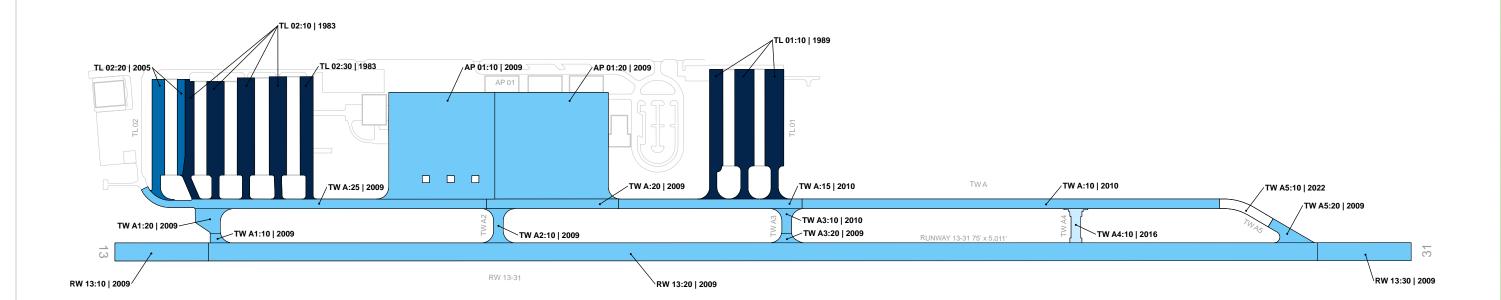
INSPECTED SAMPLE UNITS.

TOTAL SAMPLES INSPECTED = 68 AC: 67 PCC: 1

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







Estimated Age at Inspection

0-5 Years 6-10 Years 11-15 Years 16-20 Years > 20 Years BRANCH IDENTIFIER SECTION IDENTIFIER TWA:20 | 1985

LAST MAJOR WORK DATE







CUB - Jim Hamilton - L.B. Owens Airport

Functional Evaluation

Pavement Condition Index

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

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

Figure 3 - Representation of Pavement Condition Index Values



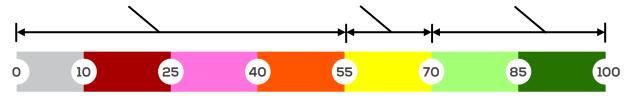
Poor/Failed Pavement
Pavements that are Poor to
Failed require significant and
costly interventions such as
reconstruction to restore the
pavement to operational service.



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



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



Pavement Condition Index (PCI)





CUB - Jim Hamilton - L.B. Owens Airport

Critical PCI

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

PCI Results

31%

The PCI survey for Jim Hamilton - L.B. Owens Airport (CUB) was performed in January 2023. **The overall area-weighted average PCI value of the network was 64**, representing a condition rating of **Fair**. Approximately 32% of inspected pavements are in Good or Satisfactory condition, 50% of inspected pavements are in Fair condition, and the remaining 18% are in Poor or worse condition as summarized in **Figure 4**.

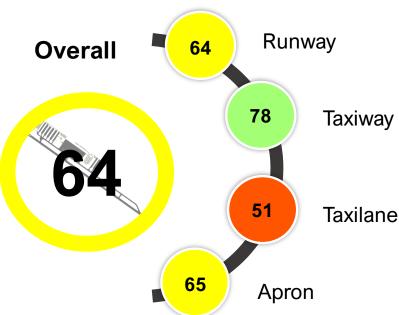
Figure 4 – Overall Network PCI Results

50%
16%
2%

■Good □Satisfactory □Fair ■Poor □Very Poor ■Serious □Failed

The area-weighted average PCIs by branch use are summarized in the figure below. The current PCIs at a section-level are displayed graphically on the **2023 Airfield Pavement Condition Index Exhibit** and are summarized in **Table 2**.

Figure 5 – Area Weighted Average Pavement Condition



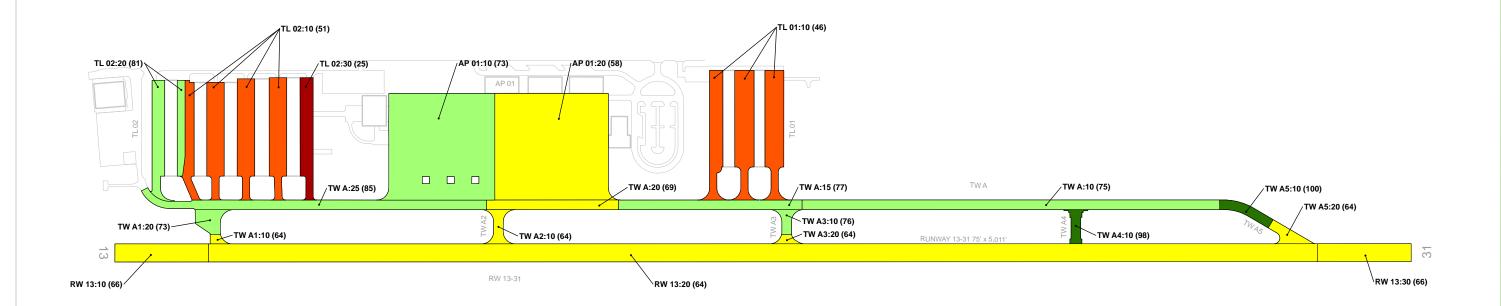


CUB - Jim Hamilton - L.B. Owens Airport

Table 2 - Current Pavement Condition Index Summary - Section

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
CUB	AP 01	Apron	10	196,785	AAC	73	Satisfactory	97	0	3
CUB	AP 01	Apron	20	210,549	AAC	58	Fair	100		
CUB	RW 13	Runway	10	29,250 AAC 66 Fair 100 0		0				
CUB	RW 13	Runway	20	346,500 AAC 64 Fair 98 0		2				
CUB	RW 13	Runway	30	29,325 AAC 66 Fair 100 0		0				
CUB	TL01	Taxilane	10	101,819	AC	46	Poor	100	0	0
CUB	TL 02	Taxilane	10	114,934	AC	51	Poor	90	10	0
CUB	TL 02	Taxilane	20	36,852	AAC	81	Satisfactory	100	0	0
CUB	TL 02	Taxilane	30	25,260	AC	25			0	
CUB	TW A	Taxiway	10	69,600	AC	75	Satisfactory	100	0	0
CUB	TW A	Taxiway	15	30,600	AAC	77	Satisfactory	100	0	0
CUB	TW A	Taxiway	20	22,000	AAC	69	Fair	100	0	0
CUB	TW A	Taxiway	25	55,691	AAC	85	Satisfactory	100	0	0
CUB	TW A1	Taxiway	10	2,127	AAC	64	Fair	100	0	0
CUB	TW A1	Taxiway	20	9,893	AAC	73	Satisfactory	92	0	8
CUB	TW A2	Taxiway	10	7,846	AAC	64	Fair	100	0	0
CUB	TW A3	Taxiway	10	5,260	AAC 76 Satisfactory 100		0	0		
CUB	TW A3	Taxiway	20	2,625	AAC 64 Fair 100 0		0	0		
CUB	TW A4	Taxiway	10	6,550	PCC			0		
CUB	TW A5	Taxiway	10	9,256	AC	100	Good	0	0	0
CUB	TW A5	Taxiway	20	7,965	AAC	64	Fair	100	0	0

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



2023 Pavement Condition Index

PCI 86-100 Good PCI 71-85 Satisfactory PCI 56-70 Fair

PCI 41-55 Poor PCI 26-40 Very Poor PCI 11-25 Serious

BRANCH IDENTIFIER
SECTION IDENTIFIER
TWA:20 (84)

PCI 0-10 Failed





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Pavement Condition Forecast

A primary objective of this APMS is to estimate the future condition of each individual pavement section. PAVERTM was utilized to develop prediction curves and determine typical deterioration rates that are then used to forecast a future PCI value. This value will assist decision makers in determining at what point in time certain pavement sections will require rehabilitation. The figure below shows the current and 5-year area-weighted forecasted pavement condition distribution of each functional use (Runway, Taxiway, Taxilane, Apron) found at the Airport. The forecasted 5-year PCIs at a section-level are displayed graphically on the **2028 Forecasted Airfield Pavement Condition Index Exhibit** and are summarized in **Table 3**. All forecasts presented assume that no maintenance or rehabilitation is performed within the 5-year analysis period. **Figure 6** displays the forecasted pavement conditions at the branch-level for CUB.

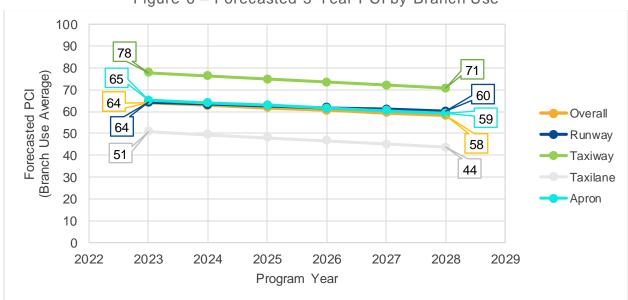


Figure 6 - Forecasted 5-Year PCI by Branch Use

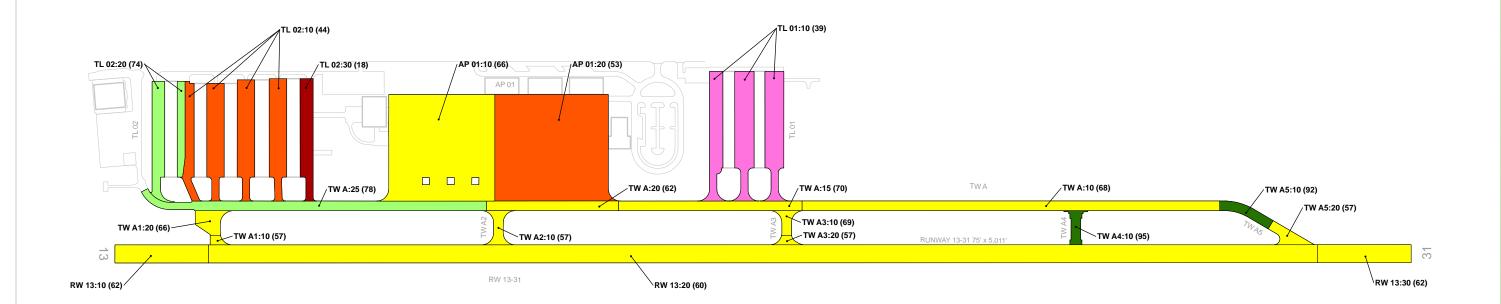
All condition forecasts are based on historical observations and analysis of South Carolina airfield pavements. The forecasts are not a guarantee of future PCI: - rather, they are a planning tool to aid in the timing of maintenance and rehabilitation activities.



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Table 3 - Forecast (2024-2028) Section Pavement Condition Index - Section

Network	Branch ID	Section ID	Current		Fore	ecasted	PCI	
ID	Branchib	Section ib	PCI	2024	2025	2026	2027	2028
CUB	AP 01	10	73	72	70	69	67	66
CUB	AP 01	20	58	57	56	55	54	53
CUB	RW 13	10	66	65	64	63	63	62
CUB	RW 13	20	64	63	62	62	61	60
CUB	RW 13	30	66	65	64	63	63	62
CUB	TL 01	10	46	45	43	42	40	39
CUB	TL 02	10	51	50	48	47	45	44
CUB	TL 02	20	81	80	78	77	75	74
CUB	TL 02	30	25	24	22	21	19	18
CUB	TW A	10	75	74	72	71	69	68
CUB	TW A	15	77	76	74	73	71	70
CUB	TW A	20	69	68	66	65	63	62
CUB	TW A	25	85	84	82	81	79	78
CUB	TW A1	10	64	63	61	60	58	57
CUB	TW A1	20	73	72	70	69	67	66
CUB	TW A2	10	64	63	61	60	58	57
CUB	TW A3	10	76	75	73	72	70	69
CUB	TW A3	20	64	63	61	60	58	57
CUB	TW A4	10	98	97	97	96	96	95
CUB	TW A5	10	100	97	96	94	93	92
CUB	TW A5	20	64	63	61	60	58	57



2028 Forecasted Pavement Condition Index

PCI 86-100 Good PCI 71-85 Satisfactory

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

PCI 11-25 Serious

BRANCH IDENTIFIER
SECTION IDENTIFIER
TWA:20 (84)

PCI 0-10 Failed

FORECASTED PCI





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M&R Overview

An analysis was performed to assess the pavement maintenance and rehabilitation (M&R) needs at CUB over a 5-year period. The analysis compared the forecasted condition of each pavement section to the Critical PCI threshold to develop a resultant recommendation and associated cost for each year of the 5-year plan. The M&R analysis should enable responsible parties to do the following:

- → Maintain existing airport infrastructure at an acceptable condition
- → Make timely and cost-effective **decisions** to appropriately allocate funding
- → **Apply** global maintenance, localized maintenance, and major M&R activities in a timely manner to maintain an acceptable operational condition of a pavement network.

M&R planning considers various methods of repair to address the cause of the problem rather than just treating the symptom. As pavements deteriorate, repair costs can increase significantly. Once pavements have deteriorated below a certain condition threshold (the Critical PCI value), the pavement benefits more from substantial rehabilitation in lieu of maintenance activities. The figure below illustrates how the cost of pavement repairs can exponentially increase if M&R activities are delayed.

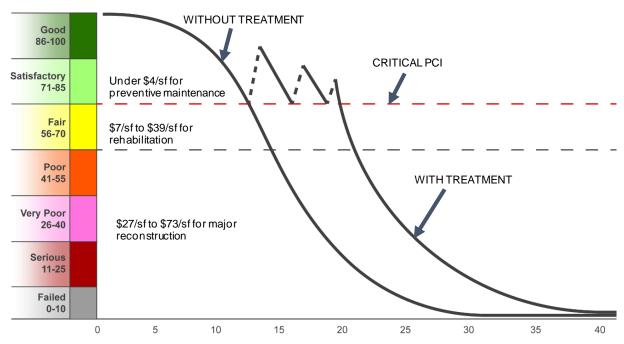


Figure 7 – Pavement Life and the Effect of Treatments



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Localized Maintenance and Repair

Localized maintenance is best used as a preservation measure and is applied to slow the rate of deterioration. These activities typically include crack sealing and patching. Localized maintenance differs from major rehabilitation in that it is applied based on the distresses observed rather than based on a PCI value. Treatments are selected based on the appropriate corrective measure for a given distress type and severity level. Localized maintenance applied on pavements with PCIs above the Critical PCI of 70 is known as Preventive Localized Maintenance, while Stopgap Localized Maintenance is typically applied to pavement sections that are at or below the Critical PCI value as a temporary repair due to safety concerns. The current localized maintenance needs are summarized in the table below.

Rough Estimate Work Planning Material **Localized Maintenance Category Localized Work Type** of Work Quantity **Units** Cost LF \$ AC Crack Sealing Narrow 17,233 60,360 **Localized Preventive Maintenance** \$ Surface Seal 22,332 SF 36,870 97,230 Localized Preventive Maintenance Total = AC Crack Sealing Narrow 38,622 LF \$ 135,210 SF \$ Surface Seal 227,972 379,810 Localized Stopgap Maintenance AC Full-Depth Patching \$ 110 3,170 Localized Stopgap Maintenance Total = \$ 518,190 Planning-Level Localized M&R Needs = 615,420

Table 4 – Localized Maintenance Summary by Policy Type

Major Rehabilitation Needs

Major rehabilitation needs are identified by analyzing the Airport's pavement condition in relationship to the Critical PCI value, density of load-related distresses, and major rehabilitation policies, assuming there are no budget constraints. The needs analysis is performed over a 5-year analysis period. Major rehabilitation is divided into two policy categories:

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

The 5-year major rehabilitation needs analysis at CUB results in a total 5-year cost of \$20.15M. The **5-Year Major Rehabilitation Needs Exhibit** graphically depicts the major rehabilitation needs at a section-level which are also summarized in **Table 5** with rounded costs. Annual needs are displayed graphically in **Figure 8**.

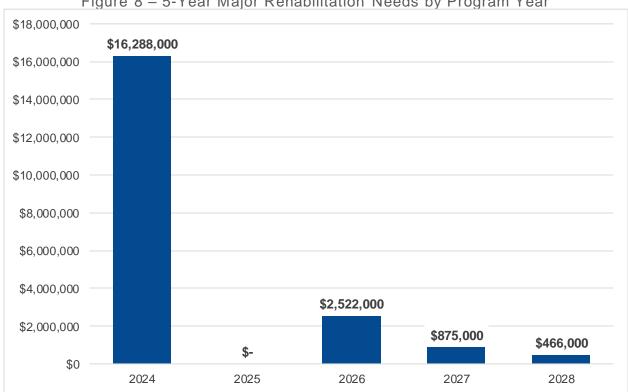


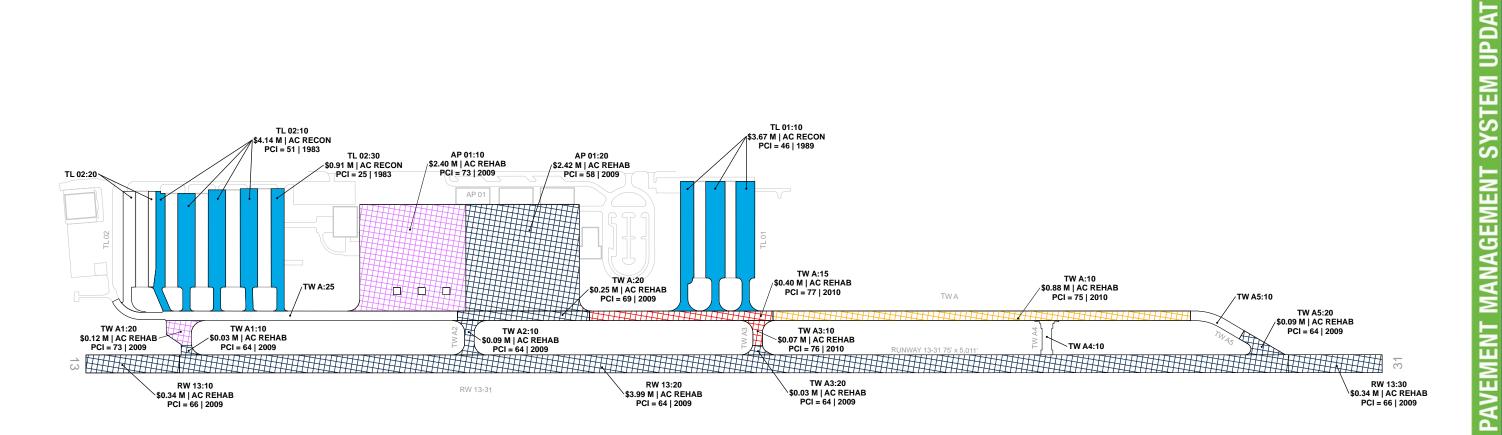
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Table 5 – 5-Year Major Rehabilitation Needs

Program Year	Network ID	Branch ID	Section ID	Surface	Area (SF)	PCI Before	Rehabilitation Type		nning Cost Estimate
2024	CUB	AP 01	20	AAC	210,549	57	AC Rehabilitation	\$	2,422,000
2024	CUB	RW 13	10	AAC	29,250	65	AC Rehabilitation	\$	337,000
2024	CUB	RW 13	20	AAC	346,500	63	AC Rehabilitation	\$	3,985,000
2024	CUB	RW 13	30	AAC	AAC 29,325		AC Rehabilitation	\$	338,000
2024	CUB	TL 01	10	AC	101,819	45	AC Reconstruction	\$	3,666,000
2024	CUB	TL 02	10	AC	114,934	50	AC Reconstruction	\$	4,138,000
2024	CUB	TL 02	30	AC	25,260	24	AC Reconstruction	\$	910,000
2024	CUB	TW A	20	AAC	22,000	68	AC Rehabilitation	\$	253,000
2024	CUB	TW A1	10	AAC	2,127	63	AC Rehabilitation	\$	25,000
2024	CUB	TW A2	10	AAC	7,846	63	AC Rehabilitation	\$	91,000
2024	CUB	TW A3	20	AAC	2,625	63	AC Rehabilitation	\$	31,000
2024	CUB	TW A5	20	AAC	7,965	63	AC Rehabilitation	\$	92,000
2026	CUB	AP 01	10	AAC	196,785	69	AC Rehabilitation	\$	2,401,000
2026	CUB	TW A1	20	AAC	9,893	69	AC Rehabilitation	\$	121,000
2027	CUB	TW A	10	AC	69,600	69	AC Rehabilitation	\$	875,000
2028	CUB	TW A	15	AAC	AAC 30,600 70 AC Rehabilitation		70 AC Rehabilitation		397,000
2028	CUB	TW A3	10	AAC	5,260	69	AC Rehabilitation	\$	69,000
	Total 5-Year Major Rehabilitation Needs =					\$	20,151,000		

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





5-Year Major Rehabilitation Needs

Year 1 Reconstruction Needs

Year 1 Rehabilitation Needs

Year 2 Rehabilitation Needs

Year 3 Rehabilitation Needs

Year 4 Rehabilitation Needs

Year 5 Rehabilitation Needs

M&R COST

BRANCH IDENTIFIER

SECTION IDENTIFIER

TWA:20 M&R WORK TYPE

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

PCI LAST MAJOR WORK DATE

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



SECTION I

Appendices

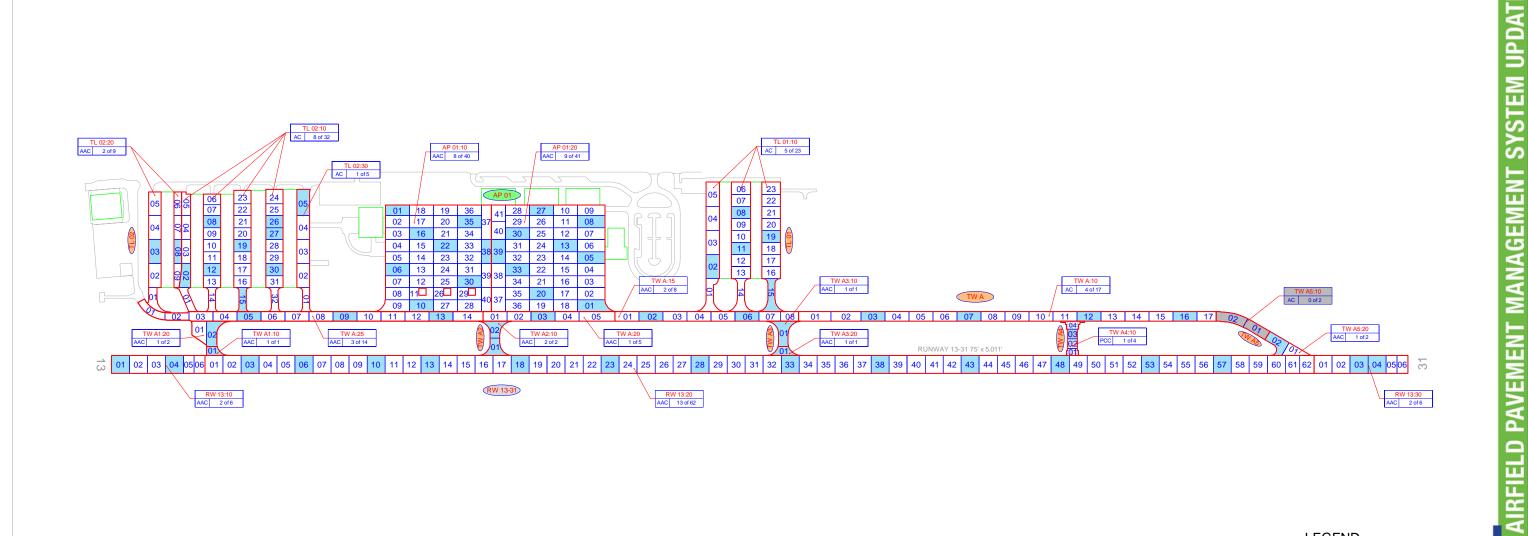




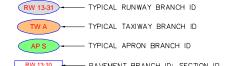
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Appendix A – Exhibits





LEGEND



RW 13:10
PAVEMENT BRANCH ID: SECTION ID

NUMBER OF SAMPLE UNITS IN SECTION
NUMBER OF SAMPLE UNITS TO BE INSPECTED
PAVEMENT SURFACE TYPE

SECTION NOT INSPECTED DUE TO RECENT

AAC 0 of 5

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



INSPECTED SAMPLE UNITS.

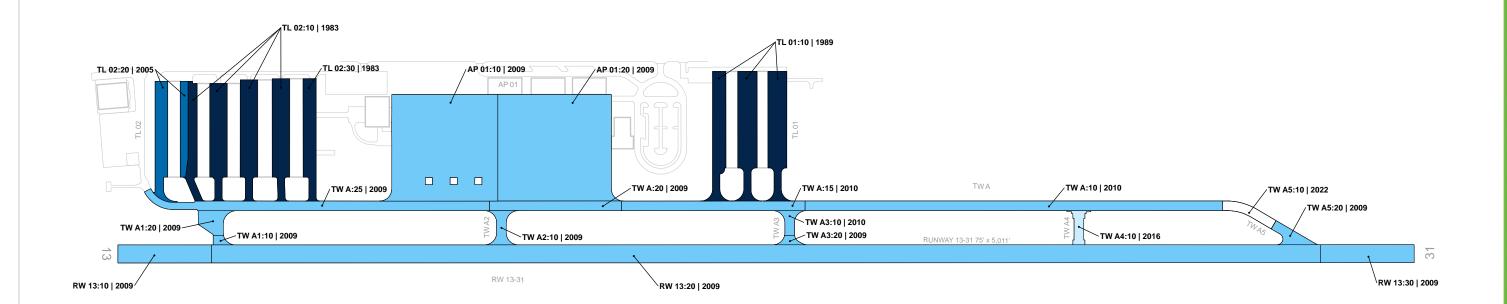
TOTAL SAMPLES INSPECTED = 68 AC: 67 PCC: 1

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







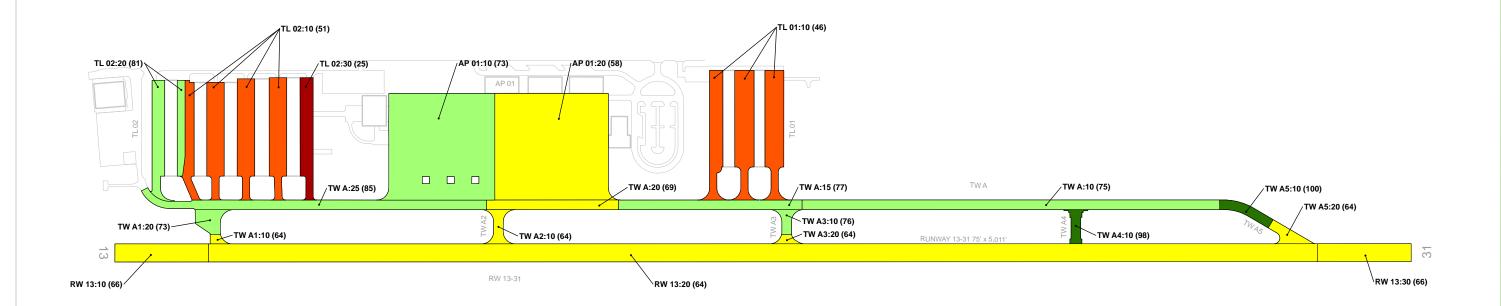


0-5 Years 6-10 Years 11-15 Years 16-20 Years > 20 Years BRANCH IDENTIFIER SECTION IDENTIFIER TWA:20 | 1985

LAST MAJOR WORK DATE

Estimated Age at Inspection





2023 Pavement Condition Index

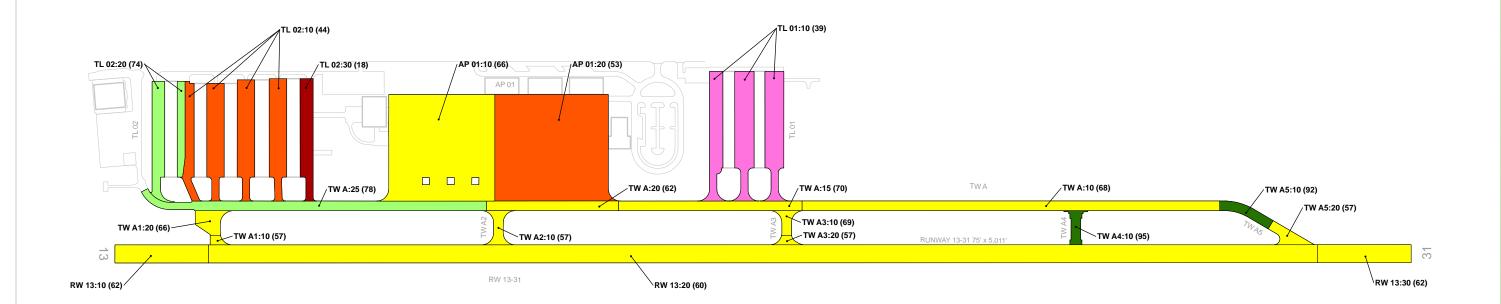
PCI 86-100 Good PCI 71-85 Satisfactory PCI 56-70 Fair

PCI 41-55 Poor PCI 26-40 Very Poor PCI 11-25 Serious

BRANCH IDENTIFIER
SECTION IDENTIFIER
TWA:20 (84)

PCI 0-10 Failed





2028 Forecasted Pavement Condition Index

PCI 86-100 Good PCI 71-85 Satisfactory

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

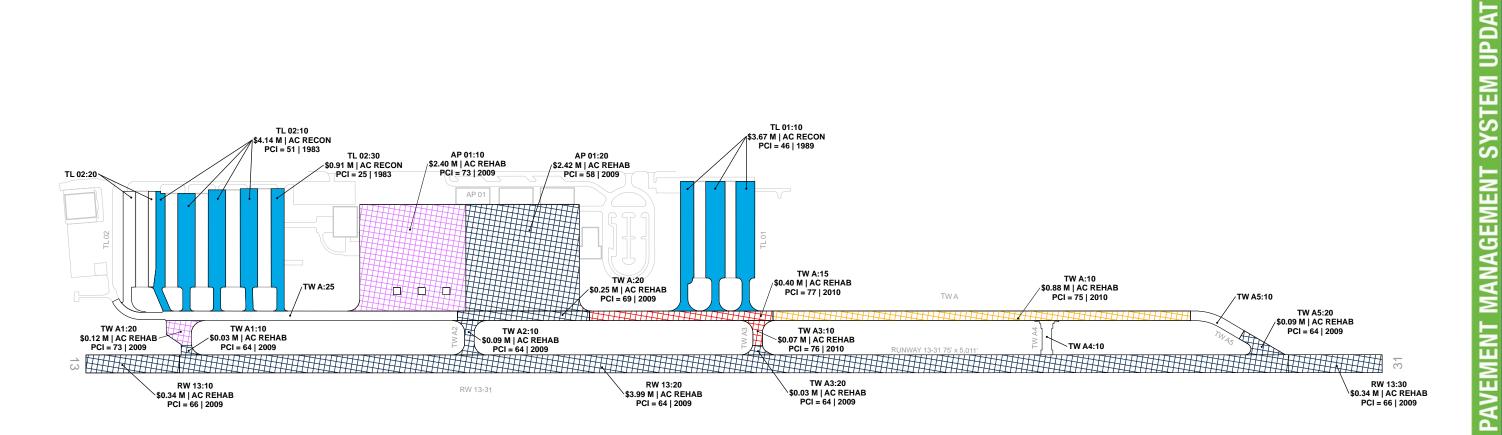
PCI 11-25 Serious

BRANCH IDENTIFIER
SECTION IDENTIFIER
TWA:20 (84)

PCI 0-10 Failed

FORECASTED PCI





5-Year Major Rehabilitation Needs

Year 1 Reconstruction Needs

Year 1 Rehabilitation Needs

Year 2 Rehabilitation Needs

Year 3 Rehabilitation Needs

Year 4 Rehabilitation Needs

Year 5 Rehabilitation Needs

M&R COST

BRANCH IDENTIFIER

SECTION IDENTIFIER

TWA:20 M&R WORK TYPE

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

PCI LAST MAJOR WORK DATE

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





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Appendix B – Analysis Tables



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Table B1 - System Inventory Data - Section

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface Type	Estimate of Last Construction Date
CUB	AP 01	Apron	10	196,785	AAC	5/1/2009
CUB	AP 01	Apron	20	210,549	AAC	3/1/2009
CUB	RW 13	Runway	10	29,250	AAC	3/1/2009
CUB	RW 13	Runway	20	346,500	AAC	3/1/2009
CUB	RW 13	Runway	30	29,325	AAC	3/1/2009
CUB	TL01	Taxilane	10	101,819	AC	6/1/1989
CUB	TL 02	Taxilane	10	114,934	AC	6/1/1983
CUB	TL 02	Taxilane	20	36,852	AAC	1/1/2005
CUB	TL 02	Taxilane	30	25,260	AC	6/1/1983
CUB	TW A	Taxiway	10	69,600	AC	2/1/2010
CUB	TW A	Taxiway	15	30,600	AAC	2/1/2010
CUB	TW A	Taxiway	20	22,000	AAC	3/1/2009
CUB	TW A	Taxiway	25	55,691	AAC	5/1/2009
CUB	TW A1	Taxiway	10	2,127	AAC	3/1/2009
CUB	TW A1	Taxiway	20	9,893	AAC	5/1/2009
CUB	TW A2	Taxiway	10	7,846	AAC	3/1/2009
CUB	TW A3	Taxiway	10	5,260	AAC	2/1/2010
CUB	TW A3	Taxiway	20	2,625	AAC	3/1/2009
CUB	TW A4	Taxiway	10	6,550	PCC	1/1/2016
CUB	TW A5	Taxiway	10	9,256	AC	1/1/2022
CUB	TW A5	Taxiway	20	7,965	AAC	3/1/2009

Table B2 - Current Pavement Condition Index Summary - Branch

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Area-Weighted Avg PCI	Condition Rating
AP 01	Apron	2	407,334	65	Fair
RW 13	Runway	3	405,075	64	Fair
TL 01	Taxilane	1	101,819	46	Poor
TL 02	Taxilane	3	177,046	56	Fair
TW A	Taxiway	4	177,891	78	Satisfactory
TW A1	Taxiway	2	12,020	71	Satisfactory
TW A2	Taxiway	1	7,846	64	Fair
TW A3	Taxiway	2	7,885	72	Satisfactory
TW A4	Taxiway	1	6,550	98	Good
TW A5	Taxiway	2	17,221	83	Satisfactory



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Table B3 - Current (2023) Pavement Condition Index Summary - Section

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other	Sample Units Inspected	Total Sample Units in Section
CUB	AP 01	Apron	10	196,785	AAC	73	Satisfactory	97	0	3	8	40
CUB	AP 01	Apron	20	210,549	AAC	58	Fair	100	0	0	9	41
CUB	RW 13	Runway	10	29,250	AAC	66	Fair	100	0	0	2	6
CUB	RW 13	Runway	20	346,500	AAC	64	Fair	98	0	2	13	62
CUB	RW 13	Runway	30	29,325	AAC	66	Fair	100	0	0	2	6
CUB	TL 01	Taxilane	10	101,819	AC	46	Poor	100	0	0	5	23
CUB	TL 02	Taxilane	10	114,934	AC	55	Poor	90	10	0	8	32
CUB	TL 02	Taxilane	20	36,852	AAC	81	Satisfactory	100	0	0	2	9
CUB	TL 02	Taxilane	30	25,260	AC	25	Serious	100	0	0	1	5
CUB	TW A	Taxiway	10	69,600	AC	75	Satisfactory	100	0	0	4	17
CUB	TW A	Taxiway	15	30,600	AAC	77	Satisfactory	100	0	0	2	8
CUB	TW A	Taxiway	20	22,000	AAC	69	Fair	100	0	0	1	5
CUB	TW A	Taxiway	25	55,691	AAC	85	Satisfactory	100	0	0	3	14
CUB	TW A1	Taxiway	10	2,127	AAC	64	Fair	100	0	0	1	1
CUB	TW A1	Taxiway	20	9,893	AAC	73	Satisfactory	92	0	8	1	2
CUB	TW A2	Taxiway	10	7,846	AAC	64	Fair	100	0	0	2	2
CUB	TW A3	Taxiway	10	5,260	AAC	76	Satisfactory	100	0	0	1	1
CUB	TW A3	Taxiway	20	2,625	AAC	64	Fair	100	0	0	1	1
CUB	TW A4	Taxiway	10	6,550	PCC	98	Good	100	0	0	1	4
CUB	TW A5	Taxiway	10	9,256	AC	100	Good	0	0	0	0	0
CUB	TW A5	Taxiway	20	7,965	AAC	64	Fair	100	0	0	1	2



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Table B4 -Forecasted (2024-2028) Pavement Condition Index Summary - Section

Network ID	Branch ID	Section ID	Current PCI				IPCI	
Networkid	Bialiciilo	Section in	Current FCI	2024	2025	2026	2027	2028
CUB	AP 01	10	73	72	70	69	67	66
CUB	AP 01	20	58	57	56	55	54	53
CUB	RW 13	10	66	65	64	63	63	62
CUB	RW 13	20	64	63	62	62	61	60
CUB	RW 13	30	66	65	64	63	63	62
CUB	TL 01	10	46	45	43	42	40	39
CUB	TL 02	10	55	54	52	51	49	48
CUB	TL 02	20	81	80	78	77	75	74
CUB	TL 02	30	25	24	22	21	19	18
CUB	TW A	10	75	74	72	71	69	68
CUB	TW A	15	77	76	74	73	71	70
CUB	TW A	20	69	68	66	65	63	62
CUB	TW A	25	85	84	82	81	79	78
CUB	TW A1	10	64	63	61	60	58	57
CUB	TW A1	20	73	72	70	69	67	66
CUB	TW A2	10	64	63	61	60	58	57
CUB	TW A3	10	76	75	73	72	70	69
CUB	TW A3	20	64	63	61	60	58	57
CUB	TW A4	10	98	97	97	96	96	95
CUB	TW A5	10	100	97	96	94	93	92
CUB	TW A5	20	64	63	61	60	58	57



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Appendix C – Maintenance and Rehabilitation Tables



CUB - Jim Hamilton - L.B. Owens Airport

Table C1 – Localized Maintenance Summary by Policy Type

Localized Maintenance Category	Localized Work Type	Rough Estimate of Work Quantity	Work Units	Planning terial Cost
Localized Preventive Maintenance	AC Crack Sealing Narrow	17,233	LF	\$ 60,360
Localized Fleventive Maintenance	Surface Seal	22,332	SF	\$ 36,870
		Localized Preventive Mainte	enance Total =	\$ 97,230
	AC Crack Sealing Narrow	38,622	LF	\$ 135,210
Localized Stopgap Maintenance	Surface Seal	227,972	SF	\$ 379,810
	AC Full-Depth Patching	110	SF	\$ 3,170
		Localized Stopgap Maint	enance Total =	\$ 518,190
		Planning-Level Localized	d M&R Needs =	\$ 615,420

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

Network ID	Branch ID	Section ID	Area (SF)	Start PCI	End PCI	Cost
CUB	AP 01	10	196,785	73	80	\$ 36,760
CUB	AP 01	20	210,549	58	66	\$ 29,870
CUB	RW 13	10	29,250	66	74	\$ 3,930
CUB	RW 13	20	346,500	64	73	\$ 239,130
CUB	RW 13	30	29,325	66	76	\$ 31,090
CUB	TL 01	10	101,819	46	67	\$ 72,320
CUB	TL 02	10	114,934	51	64	\$ 66,030
CUB	TL 02	20	36,852	81	85	\$ 8,180
CUB	TL 02	30	25,260	25	59	\$ 68,630
CUB	TW A	10	69,600	75	85	\$ 30,040
CUB	TW A	15	30,600	77	82	\$ 12,250
CUB	TW A	20	22,000	69	69	\$ -
CUB	TW A	25	55,691	85	85	\$ 6,180
CUB	TW A1	10	2,127	64	68	\$ 80
CUB	TW A1	20	9,893	73	80	\$ 1,660
CUB	TW A2	10	7,846	64	69	\$ 180
CUB	TW A3	10	5,260	76	87	\$ 2,130
CUB	TW A3	20	2,625	64	68	\$ 90
CUB	TW A4	10	6,550	98	98	\$ -
CUB	TW A5	10	9,256	100	100	\$ -
CUB	TW A5	20	7,965	64	64	\$ -



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Table C3 – Localized Maintenance and Repair Needs Based on Current Distresses

Network ID	Branch ID	Section ID	Description	Severity	Distress Qty	Distress Unit	Distress Density	Policy Type	Localized Work Type	Work Qty	Work Unit	Init ost	Wo	ork Cost
CUB	AP 01	10	L&TCR	Low	5,776	LF	2.9%	Preventive	AC Crack Sealing Narrow	5,776	LF	\$ 3.50	\$	20,220
CUB	AP 01	10	L&TCR	Medium	4,726	LF	2.4%	Preventive	AC Crack Sealing Narrow	4,726	LF	\$ 3.50	\$	16,550
CUB	TL 02	20	L&TCR	Low	1,122	LF	3.0%	Preventive	AC Crack Sealing Narrow	1,122	LF	\$ 3.50	\$	3,930
CUB	TL 02	20	WEATHERING	Medium	2,572	SF	6.9%	Preventive	Surface Seal	2,573	SF	\$ 1.65	\$	4,250
CUB	TW A	10	L&TCR	Low	1,871	LF	2.7%	Preventive	AC Crack Sealing Narrow	1,870	LF	\$ 3.50	\$	6,550
CUB	TW A	10	L&TCR	Medium	148	LF	0.2%	Preventive	AC Crack Sealing Narrow	148	LF	\$ 3.50	\$	520
CUB	TW A	10	RAVELING	Low	13,920	SF	20.0%	Preventive	Surface Seal	13,920	SF	\$ 1.65	\$	22,970
CUB	TW A	15	L&TCR	Low	1,335	LF	4.4%	Preventive	AC Crack Sealing Narrow	1,335	LF	\$ 3.50	\$	4,680
CUB	TW A	15	RAVELING	Low	4,590	SF	15.0%	Preventive	Surface Seal	4,590	SF	\$ 1.65	\$	7,580
CUB	TW A	25	L&TCR	Low	1,764	LF	3.2%	Preventive	AC Crack Sealing Narrow	1,764	LF	\$ 3.50	\$	6,180
CUB	TW A1	20	L&TCR	Low	263	LF	2.7%	Preventive	AC Crack Sealing Narrow	263	LF	\$ 3.50	\$	920
CUB	TW A1	20	L&TCR	Medium	118	LF	1.2%	Preventive	AC Crack Sealing Narrow	118	LF	\$ 3.50	\$	420
CUB	TW A1	20	WEATHERING	Medium	198	SF	2.0%	Preventive	Surface Seal	198	SF	\$ 1.65	\$	330
CUB	TW A3	10	L&TCR	Low	111	LF	2.1%	Preventive	AC Crack Sealing Narrow	111	LF	\$ 3.50	\$	390
CUB	TW A3	10	RAVELING	Low	1,052	SF	20.0%	Preventive	Surface Seal	1,052	SF	\$ 1.65	\$	1,740
CUB	AP 01	20	L&TCR	Medium	5,454	LF	2.6%	Stopgap	AC Crack Sealing Narrow	5,454	LF	\$ 3.50	\$	19,090
CUB	AP 01	20	RAVELING	Medium	6,533	SF	3.1%	Stopgap	Surface Seal	6,534	SF	\$ 1.65	\$	10,780
CUB	RW 13	10	L&TCR	Medium	1,121	LF	3.8%	Stopgap	AC Crack Sealing Narrow	1,121	LF	\$ 3.50	\$	3,930
CUB	RW 13	20	L&TCR	Medium	8,008	LF	2.3%	Stopgap	AC Crack Sealing Narrow	8,008	LF	\$ 3.50	\$	28,030
CUB	RW 13	20	WEATHERING	Medium	127,938	SF	36.9%	Stopgap	Surface Seal	127,939	SF	\$ 1.65	\$	211,100
CUB	RW 13	30	L&TCR	Medium	587	LF	2.0%	Stopgap	AC Crack Sealing Narrow	587	LF	\$ 3.50	\$	2,060
CUB	RW 13	30	WEATHERING	Medium	17,595	SF	60.0%	Stopgap	Surface Seal	17,595	SF	\$ 1.65	\$	29,040
CUB	TL 01	10	L&TCR	Medium	6,325	LF	6.2%	Stopgap	AC Crack Sealing Narrow	6,325	LF	\$ 3.50	\$	22,140
CUB	TL 01	10	RAVELING	Medium	30,411	SF	29.9%	Stopgap	Surface Seal	30,411	SF	\$ 1.65	\$	50,180
CUB	TL 02	10	ALLIGATOR CR	Medium	72	SF	0.1%	Stopgap	AC Full-Depth Patching	110	SF	\$ 28.75	\$	3,170
CUB	TL 02	10	BLOCKCR	Medium	9,129	SF	8.0%	Stopgap	AC Crack Sealing Narrow	2,783	LF	\$ 3.50	\$	9,740
CUB	TL 02	10	L&TCR	Medium	6,597	LF	5.8%	Stopgap	AC Crack Sealing Narrow	6,597	LF	\$ 3.50	\$	23,090
CUB	TL 02	10	WEATHERING	Medium	22,336	SF	19.5%	Stopgap	Surface Seal	22,336	SF	\$ 1.65	\$	36,860
CUB	TL 02	30	BLOCKCR	Medium	25,260	SF	100.0%	Stopgap	AC Crack Sealing Narrow	7,699	LF	\$ 3.50	\$	26,950
CUB	TL 02	30	RAVELING	Medium	25,260	SF	100.0%	Stopgap	Surface Seal	25,260	SF	\$ 1.65	\$	41,680
CUB	TW A1	10	RAVELING	Medium	43	SF	2.0%	Stopgap	Surface Seal	43	SF	\$ 1.65	\$	80
CUB	TW A2	10	L&TCR	Medium	50	LF	0.6%	Stopgap	AC Crack Sealing Narrow	50	LF	\$ 3.50	\$	180
CUB	TW A3	20	RAVELING	Medium	52	SF	2.0%	Stopgap	Surface Seal	52	SF	\$ 1.65	\$	90



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Table C4 – 5-Year Major Rehabilitation Needs

Program Year	Network ID	Branch ID	Section ID	Surface	Area (SF)	PCI Before	Rehabilitation Type	Planning Cost Estimate
2024	CUB	AP 01	20	AAC	210,549	57	AC Rehabilitation	\$ 2,422,000
2024	CUB	RW 13	10	AAC	29,250	65	AC Rehabilitation	\$ 337,000
2024	CUB	RW 13	20	AAC	346,500	63	AC Rehabilitation	\$ 3,985,000
2024	CUB	RW 13	30	AAC	29,325	65	AC Rehabilitation	\$ 338,000
2024	CUB	TL 01	10	AC	101,819	45	AC Reconstruction	\$ 3,666,000
2024	CUB	TL 02	10	AC	114,934	54	AC Reconstruction	\$ 4,138,000
2024	CUB	TL 02	30	AC	25,260	24	AC Reconstruction	\$ 910,000
2024	CUB	TW A	20	AAC	22,000	68	AC Rehabilitation	\$ 253,000
2024	CUB	TW A1	10	AAC	2,127	63	AC Rehabilitation	\$ 25,000
2024	CUB	TW A2	10	AAC	7,846	63	AC Rehabilitation	\$ 91,000
2024	CUB	TW A3	20	AAC	2,625	63	AC Rehabilitation	\$ 31,000
2024	CUB	TW A5	20	AAC	7,965	63	AC Rehabilitation	\$ 92,000
2026	CUB	AP 01	10	AAC	196,785	69	AC Rehabilitation	\$ 2,401,000
2026	CUB	TW A1	20	AAC	9,893	69	AC Rehabilitation	\$ 121,000
2027	CUB	TW A	10	AC	69,600	69	AC Rehabilitation	\$ 875,000
2028	CUB	TW A	15	AAC	30,600	70	AC Rehabilitation	\$ 397,000
2028	CUB	TW A3	10	AAC	5,260	69	AC Rehabilitation	\$ 69,000
					Tot	al 5-Year Major	Rehabilitation Needs =	\$ 20,151,000



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Appendix D – PCI Results Summary



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RW 13

	Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area- Weighted Avg PCI	Branch Condition Rating
ĺ	RW 13	RUNWAY	3	405,075	64	Fair

Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
10	29,250	AAC	2009	-	66	Fair	100	0	0
20	346,500	AAC	2009	-	64	Fair	98	0	2
30	29,325	AAC	2009	-	66	Fair	100	0	0





RW 13-10 RW 13-20



RW 13-30



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TWA

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area- Weighted Avg PCI	Branch Condition Rating
TW A	TAXIWAY	4	177,891	78	Satisfactory

Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
10	69,600	AC	2010	-	75	Satisfactory	100	0	0
15	30,600	AAC	2010	-	77	Satisfactory	100	0	0
20	22,000	AAC	2009	-	69	Fair	100	0	0
25	55,691	AAC	2009	-	85	Satisfactory	100	0	0





TW A-10

TW A-15





TW A-20

TW A-25





TW A1

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area- Weighted Avg PCI	Branch Condition Rating	
TW A1	TAXIWAY	2	12,020	71	Satisfactory	

Section ID	Area (SF)	Surface		Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
10	2,127	AAC	2009	-	64	Fair	100	0	0
20	9,893	AAC	2009	-	73	Satisfactory	92	0	8





TW A1-10 TW A1-20

TW A2

Branch ID	Branch Use	Numbe	er of Sections	Branch Area ((SF)	Branch Area- Weighted Avg PCI			nch n Rating
TW A2	TAXIWAY	1 7,846 64			Fair				
Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
10	7,846	AAC	2009	-	64	Fair	100	0	0



TW A2-10





TW A3

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area- Weighted Avg PCI	Branch Condition Rating
TW A3	TAXIWAY	2	7,885	72	Satisfactory

Section ID	Area (SF)	Surface		Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
10	5,260	AAC	2010	-	76	Satisfactory	100	0	0
20	2,625	AAC	2009	-	64	Fair	100	0	0





TW A3-10 TW A3-20

TW A4

Branch ID	Rranch Use		er of Sections	Branch Area (SF)		Branch Weighted		Branch Condition Rating	
TW A4	TW A4 TAXIWAY		1	6,550		98		Good	
Section ID	Area (SF)	Surface		Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
10	6,550	PCC	2016	-	98	Good	100	0	0



TW A4-10





TW A5

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area- Weighted Avg PCI	Branch Condition Rating
TW A5	TAXIWAY	2	17,221	83	Satisfactory

Section ID	Area (SF)	Surface	Est. Last Major Work Year	Est. Last Global Treatment Year	Est. Last Global Treatment Year		PCI % PCI % Climate Load		PCI % Other
10	9,256	AC	2022	-	100	Good	0	0	0
20	7,965	AAC	2009	-	64	Fair	100	0	0



TW A5-20

TL 01

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area- Weighted Avg PCI	Branch Condition Rating
TL 01	TAXILANE	1	101,819	46	Poor

Section ID	Area (SF)	Surface		Est. Last Major Est. Last Global Work Year Treatment Year		Condition Rating	PCI % Climate		PCI % Other
10	101,819	AC	1989	2009	46	Poor	100	0	0



TL 01-10



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TL 02

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area- Weighted Avg PCI	Branch Condition Rating
TL 02	TAXILANE	3	177,046	56	Fair

Section ID	Area (SF)	Surface		Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other
10	114,934	AC	1983	2009	55	Poor	90	10	0
20	36,852	AAC	2005	-	81	Satisfactory	100	0	0
30	25,260	AC	1983	2010	25	Serious	100	0	0





TL 02-10 TL 02-20



TL 02-30



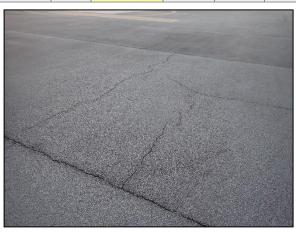
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AP 01

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area- Weighted Avg PCI	Branch Condition Rating	
AP 01	APRON	2	407,334	65	Fair	

Section ID	Area (SF)	Surface		Est. Last Global Treatment Year	PCI	Condition Rating	PCI % Climate		PCI % Other
10	196,785	AAC	2009	-	73	Satisfactory	97	0	3
20	210,549	AAC	2009	-	58	Fair	100	0	0





AP 01-10

AP 01-10





AP 01-20

AP 01-20



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Appendix E – Re-Inspection Report

SCAC_2023 Generated Date	5/31/	/2023					Page 1 of 2:
Network: CUB	5,517	× 	Name:	Columbia/Owens	Downtown Airport		
Branch: AP 01	N	Name: APRO	ON 01	Use:	APRON	Area:	407,334 SqFt
Section: 10	of 2	From:	-		То: -		Last Const.: 5/1/2009
Surface: AAC	Family: SC2_	AP_AC	Zone:		Category: G		Rank: P
Area: 196,78	35 SqFt	Length:	445 Ft	Width:	440 Ft		
Slabs:	Slab Length:	Ft	Slab V	Vidth:	Ft	Joint	t Length: Ft
Shoulder:	Street Type:		Grade	: 0		Lane	es: 0
Section Comments:							
Work Date: 6/1/1983	Work Ty	pe: Surface Course	- AC (Layer Co	nstruct) Co	ode: SU-AC]	Is Major M&R: False
Work Date: 6/1/1983	Work Ty	pe: New Construct	ion - AC	Co	ode: NC-AC]	Is Major M&R: True
Work Date: 5/1/2009	Work Ty	pe: Overlay - AC S	tructural	Co	ode: OL-AS]	Is Major M&R: True
Last Insp. Date: 1/6/2023		TotalSamples:	40	Surveye	d: 8		
Conditions: PCI: 73							
Inspection Comments:							
Sample Number: 01	Type:	R	Area:	4400.00 SqFt	PCI: 75		
Sample Comments:							
48 L & T CR	L	40.00	Ft				
48 L & T CR 57 WEATHERING	M L						
Sample Number: 06	Type:		Area:	5000.00 SqFt	PCI: 81		
Sample Comments:	турс.	K	Al Ca.	3000.00 Sqr t	101. 01		
_	T	20.00		. <i>I</i>			
48 L & T CR 48 L & T CR	L M	29.00 50.00					
57 WEATHERING	L	5000.00					
Sample Number: 10	Type:	R	Area:	5000.00 SqFt	PCI: 73		
Sample Comments:							
48 L & T CR	L	199.00	Ft	MAUTIO			
48 L & T CR	M						
57 WEATHERING	L	5000.00		5000 00 G Fr	DCI 74		
Sample Number: 16	Type:	R	Area:	5000.00 SqFt	PCI: 74		
Sample Comments:							
48 L & T CR 48 L & T CR	L M	79.00 100.00					
57 WEATHERING	M L	5000.00					
Sample Number: 22	Type:		Area:	5000.00 SqFt	PCI: 75		
Sample Comments:							
48 L & T CR	L	250.00	Ft				
48 L & T CR	M	50.00	Ft				
57 WEATHERING	L	5000.00					
Sample Number: 30 Sample Comments:	Type:	R	Area:	5000.00 SqFt	PCI: 67		
_	Ŧ	100.00	. E4				
48 L & T CR 48 L & T CR	L M						
57 WEATHERING	L						
Sample Number: 35	Type:	R	Area:	5000.00 SqFt	PCI: 70		
Sample Comments:							
48 L & T CR	L						
48 L & T CR 57 WEATHERING	M L						
57 WEATHERING	L	5000.00	syrı				

Sample Number: 38	Type: R	Area:	4200.00 SqFt	PCI: 67	
Sample Comments:					
48 L & T CR	L	375.00 Ft			
48 L & T CR	M	109.00 Ft			
56 SWELLING	L	13.00 SqFt			
57 WEATHERING	L	4200.00 SqFt			



Netwo	rk: CUB				Nan	ne: (Columbia/Owe	ns Dow	vntown Airport			
Brancl	h: AP 01		Name:	APRO	N 01		Use:	AF	PRON	Area:	407,334 SqFt	
Section	n: 20	of 2	,	From:	-				To: -		Last Const	3/1/2009
Surfac	e: AAC	Family: SO	C2_AP_AC		Zon	e:			Category: G		Rank: P	
Area:	210,	549 SqFt	Length:		438 F	it	Width:		475 Ft			
Slabs:		Slab Length	_	Ft		Slab Widt	th:		Ft	Joint Length		Ft
Should		Street Type:				Grade:	0			Lanes: 0		
	n Comments:	Server Type.				31				24		
	Date: 6/1/1983			Construction					NC-AC		M&R: True	
	Date: 3/1/2009			rlay - AC St					OL-AS	Is Major	M&R: True	
	nsp. Date: 1/6/202		TotalS	Samples:	41		Surve	ed: 9	9			
Condi		3										
Inspec	tion Comments:											
Sampl	e Number: 01	Type:	R	A	rea:	(5287.00 SqFt		PCI: 58			
Sampl	e Comments:											
48	L & T CR		L	350.00	Ft							
	L&TCR		M	219.00								
52	RAVELING		L	5973.00	SqFt							
52	RAVELING		M	314.00	SqFt							
_	e Number: 05 e Comments:	Type:	R	A	rea:	5	5750.00 SqFt		PCI: 56			
_												
	L & T CR		L	462.00								
48 52	L & T CR RAVELING		M L	182.00 5635.00								
52	RAVELING		M	115.00		$\equiv \sqrt{V}$	V =					
Sampl	e Number: 08	Type:	R		rea:	<i>TF</i> 5	750.00 SqFt		PCI: 64			
_	e Comments:											
48	L & T CR		L	301.00	Ft							
48	L & T CR		M	100.00								
52	RAVELING		L	5750.00	SqFt	DUM	AUTIC	C.				
Sampl	e Number: 13	Type:	R	A	rea:		5000.00 SqFt	J	PCI: 55			
_	e Comments:											
	L & T CR L & T CR		L M	500.00 201.00								
52	RAVELING		L	5000.00								
	e Number: 20	Type:	R		rea:		5000.00 SqFt		PCI: 57			
_	e Comments:	Type.		A		-	200.00 Sq1 t		101. 31			
48	L & T CR		L	402.00	Ft							
48	L & T CR		M	219.00	Ft							
52	RAVELING		L	3000.00	-							
57	WEATHERING		L	2000.00			1400 60 7 =					
_	e Number: 27 e Comments:	Type:	R	Α	Area:	2	400.00 SqFt		PCI: 59			
_			ī	118.00	E+							
	L & T CR L & T CR		L M	120.00								
52	RAVELING		L	4340.00								
52	RAVELING		M	60.00								
Sampl	e Number: 30	Type:	R	A	rea:	5	5000.00 SqFt		PCI: 49			
Sampl	e Comments:											
	L & T CR		L	514.00								
	L & T CR		M	50.00								
52 52	RAVELING RAVELING		L M	4000.00 1000.00	-							
.14	IVA A PETINA		1.61	1000.00	pd1,f							

Sample Number: 33	Type: R	Area:	5000.00 SqFt	PCI: 60	
Sample Comments:					
48 L & T CR	L	567.00 Ft			
48 L & T CR	M	84.00 Ft			
52 RAVELING	L	3750.00 SqFt			
57 WEATHERING	L	1250.00 SqFt			
Sample Number: 39	Type: R	Area:	5800.00 SqFt	PCI: 59	
Sample Comments:					
48 L & T CR	L	787.00 Ft			
48 L & T CR	M	68.00 Ft			
52 RAVELING	L	4350.00 SqFt			
57 WEATHERING	L	1450.00 SqFt			



Network:	CUB						Nar	me: Co	olumbia/Owens	s Dow	vntown Airport				
Branch:	RW 13			N	ame:	RUNV	VAY 13	3-31	Use:	RU	JNWAY	Area:	40	05,075 SqFt	
Section:	10		of	3	F	rom:	-				То: -			Last Const.: 3	3/1/200
Surface:	AAC	Far	mily:	SC2_	RW_AC		Zor	ie:			Category: G			Rank: S	
Area:		29,250 Sq	_l Ft]	Length:		390 1	Ft	Width:		75 Ft				
Slabs:		SI	ab Len	gth:		Ft		Slab Width	:		Ft	Joint	Length:	Ft	
Shoulder:		St	reet Ty	pe:				Grade:	0			Lane	: 0		
Section Cor	mments:														
Work Date	: 6/1/1989		Wo	ork Ty _l	pe: Base	Course - A	ggrega	te	C	ode:	BA-AG	Is	Major M	I&R: False	
Work Date	: 6/1/1989		Wo	ork Ty	pe: New	Construction	on - AC	2	C	ode:	NC-AC	Is	Major M	I&R: True	
Work Date	: 6/1/1989		Wo	ork Ty	pe: Surfa	ce Course	- AC (L	Layer Construc	et) C	ode:	SU-AC	Is	Major M	I&R: False	
Work Date	: 3/1/2009		Wo	ork Ty _l	pe: Overl	ay - AC St	ructura	1	C	ode:	OL-AS	Is	Major M	I&R: True	
Sample Nu			Тур	e:	R	A	Area:	562	25.00 SqFt		PCI: 70)			
Sample Co															
	T CR			L		55.00									
	T CR VELING			M L		125.00 1406.00									
	ATHERING	ì		L		4219.00									
	mber: 04		Тур		R		Area:	562	25.00 SqFt		PCI: 62	2			
Sample Co	mments:														
48 L&	T CR			L		35.00	Ft		5						
	T CR			M		306.00									
	VELING			L		1406.00									
	ATHERING	7		_											
57 WE	ATTEMING	,		L		4219.00	SqFt								

Network:	: CUB					Name:	Columbia/Ow	ens Dov	vntown Airport		
Branch:	RW 13		Na	ame: R	UNW	/AY 13-31	Us		JNWAY	Area: 405,075	SqFt
Section:	20	of 3		From:					To: -		t Const.: 3/1/2009
Surface:	AAC			W_AC		Zone:			Category: G		ık: P
Area:		500 SqFt		ength:	2	4,620 Ft	Width:		75 Ft		
Slabs:	,	Slab Length:		enge	Ft	Slab W			Ft	Joint Length:	Ft
Shoulder:		Street Type:			1.	Grade:			1.	Lanes: 0	1.
	· Comments:	once zyp				G	. •			Littles.	
		**/ 1								7.77 . Man	
	ite: 6/1/1983			e: Base Cours					BA-AG	Is Major M&R:	
	te: 6/1/1983					AC (Layer Cor	ıstruct)		SU-AC	Is Major M&R:	
	te: 6/1/1983			e: New Const					NC-AC	Is Major M&R:	
	te: 6/1/2000			e: Crack Seal					CS-AC	Is Major M&R:	
	te: 3/1/2009			e: Overlay - A					OL-AS	Is Major M&R:	True
	Date: 1/6/2023	3		TotalSample	es: 6	52	Surv	eyed:	13		
Condition											
Inspection	n Comments:										
Sample N	Number: 03	Type:		R	A	rea:	5625.00 SqFt		PCI: 62		
Sample C	Comments:										
48 L	& T CR		L	9	5.00	Ft					
	& T CR		M		0.00						
50 PA	ATCHING		L		4.00	SqFt					
52 RA	AVELING		L	337	3.00	SqFt					
57 W	EATHERING		L	224	8.00	SqFt	V _A V _A				
Sample N	Number: 06	Type:		R	A	rea:	5625.00 SqFt		PCI: 62		
Sample C	Comments:										
48 L	& T CR		L	9	8.00	Ft					
	& T CR		M		0.00		///				
	AVELING		L		5.00						
56 SV	WELLING		L	1	2.00	SqFt					
57 W	EATHERING		M	225	0.00	SqFt	MOIII	JU			
Sample N	Number: 10	Type:		R	A	rea:	5625.00 SqFt		PCI: 63		
Sample C	Comments:										
48 L	& T CR		L	9	9.00	Ft					
	& T CR		M		0.00						
52 RA	AVELING		L	337	5.00	SqFt					
57 W	EATHERING		M	225	0.00	SqFt					
Sample N	Number: 13	Type:		R	A	rea:	5625.00 SqFt		PCI: 63		
Sample C	Comments:										
48 L	& T CR		L	16	7.00	Ft					
	& T CR		M		0.00						
	AVELING		L		5.00						
	EATHERING		M	225	0.00	SqFt					
57 W.		700		R	A	rea:	5625.00 SqFt		PCI: 63		
	Number: 18	Type:		K							
Sample N	Number: 18 Comments:	Type:		K							
Sample N Sample C	Comments: & T CR	Type:	L	8	5.00						
Sample N Sample C 48 L 4 48 L 4	Comments: & T CR & T CR	Туре:	L M	8 15	35.00 0.00	Ft					
Sample N Sample C 48 L 4 48 L 6 52 R	Comments: & T CR & T CR AVELING	Туре:	L M L	8 15 337	35.00 30.00 35.00	Ft SqFt					
Sample N Sample C 48 L 4 48 L 6 52 RA 57 W	Comments: & T CR & T CR AVELING 'EATHERING		L M L M	8 15 337 225	55.00 60.00 75.00 60.00	Ft SqFt SqFt	5/05 00 G Pu		DCIL (2)		
Sample N Sample C 48 L 4 48 L 4 52 RA 57 W Sample N	Comments: & T CR & T CR AVELING	Туре:	L M L M	8 15 337	55.00 60.00 75.00 60.00	Ft SqFt	5625.00 SqFt		PCI: 63		
Sample N Sample C 48 L 4 48 L 4 52 RA 57 W Sample N Sample C	& T CR & T CR & T CR AVELING EATHERING Number: 23		L M L M	8 15 337 225 R	55.00 60.00 55.00 60.00 A	Ft SqFt SqFt rea:	5625.00 SqFt		PCI: 63		
Sample N Sample C 48 L 4 52 RA 57 W Sample N Sample C	& T CR & T CR & T CR AVELING EATHERING		L M L M	8 15 337 225 R	55.00 60.00 75.00 60.00	Ft SqFt SqFt rea:	5625.00 SqFt		PCI: 63		

57	WEATHERING		M		2250.00	SqFt			
Sam	ple Number: 28	Type:		R	A	rea:	5625.00 SqFt	PCI:	63
Sam	ple Comments:								
48	L & T CR		L		175.00	Ft			
48	L & T CR		M		150.00				
52	RAVELING		L		3375.00	SqFt			
57	WEATHERING		M		2250.00				
Sam	ple Number: 33	Type:		R	A	rea:	5625.00 SqFt	PCI:	63
Samj	ple Comments:								
48	L & T CR		L		181.00	Ft			
48	L & T CR		M		150.00	Ft			
52	RAVELING		L		3375.00	SqFt			
57	WEATHERING		M		2250.00	SqFt			
Sam	ple Number: 38	Type:		R	A	rea:	5625.00 SqFt	PCI:	68
Sam	ple Comments:								
48	L & T CR		L		225.00	Ft			
52	RAVELING		L		3375.00				
57	WEATHERING		M		2250.00				
Sam	ple Number: 43	Type:		R	A	rea:	5625.00 SqFt	PCI:	63
Sam	ple Comments:								
48	L & T CR		L		60.00	Ft			
48	L & T CR		M		225.00	Ft			
52	RAVELING		L		3375.00	SqFt			
57	WEATHERING		M		2250.00	SqFt			
Sam	ple Number: 48	Type:		R	A	rea:	5625.00 SqFt	PCI:	62
Sam	ple Comments:								
48	L & T CR		L		150.00	Ft			
48	L & T CR		M		225.00				
52	RAVELING		L		3375.00				
57	WEATHERING		M		2250.00				
Sam	ple Number: 53	Type:		R	A	rea:	5625.00 SqFt	PCI:	68
Sam	ple Comments:						UTH CAROLINA		
48	L & T CR		L		75.00				
52	RAVELING		L		3375.00				
57	WEATHERING		M		2250.00				
Sam	ple Number: 57	Type:		R		rea:	5625.00 SqFt	PCI:	63
Sam	ple Comments:								
48	L & T CR		L		254.00	Ft			
48	L & T CR		M		75.00				
52	RAVELING		L		3375.00				
57	WEATHERING		M		2250.00				

	В				Nam	e: Col	umbia/Owens	Dow	ntown Airport			
Branch: RW	V 13		Name:	RUNW	AY 13-	-31	Use:	RU	NWAY	Area:	405,0	75 SqFt
Section: 30		of 3	F	rom: -				,	Го: -		L	ast Const.: 3/1/200
Surface: AAC	Fam	nily: SC2	_RW_AC		Zone	:		(Category: G		R	ank: P
Area:	29,325 SqI	Ft	Length:		391 F	t	Width:		75 Ft			
Slabs:	Sla	b Length:		Ft		Slab Width:]	Ft	Joint I	Length:	Ft
Shoulder:	Str	eet Type:				Grade: 0				Lanes	: 0	
Section Comment	ts:											
Work Date: 6/1/1	1989	Work T	ype: New (Constructio	n - AC		Co	ode:	NC-AC	Is	Major M&	R: True
Work Date: 6/1/1	1989	Work T	ype: Surfac	e Course -	AC (La	yer Construct) Co	ode:	SU-AC	Is	Major M&	R: False
Work Date: 6/1/1	1989	Work T	ype: Base (Course - Ag	gregate	;	Co	ode:	BA-AG	Is	Major M&	R: False
Work Date: 3/1/2	2009	Work T	ype: Overla	ay - AC Str	uctural		Co	ode:	OL-AS	Is	Major M&	R: True
Sample Number: Sample Comment		Type:	R	A	rea:	562:	5.00 SqFt		PCI: 65			
_	is.	.		160.00	E.							
48 L & T CR 48 L & T CR		I	M	168.00 150.00								
	G											
52 KAVELIN	U	1	_	2250.00	SqFt							
			M	2250.00 3375.00								
57 WEATHER	RING			3375.00		562:	5.00 SqFt		PCI: 66			
57 WEATHER Sample Number:	RING 04	N	М	3375.00	SqFt	562:	5.00 SqFt	\	PCI: 66			
Sample Number: Sample Comment	RING 04	N	R	3375.00	SqFt rea:	562.	5.00 SqFt		PCI: 66			
57 WEATHER Sample Number: Sample Comment 48 L & T CR	RING 04	Type:	R	3375.00 A	SqFt rea: Ft	562:	5.00 SqFt		PCI: 66			
Sample Number: Sample Comment 48 L&TCR 48 L&TCR 752 RAVELIN	RING 04 ts:	Type:	R R	300.00 75.00 2250.00	SqFt rea: Ft Ft SqFt	562:	5.00 SqFt		PCI: 66			
57 WEATHEI Sample Number: Sample Comment 48 L&TCR 48 L&TCR	RING 04 ts:	Type:	R R	3375.00 A 300.00 75.00	SqFt rea: Ft Ft SqFt	562:	5.00 SqFt		PCI: 66			

Network: CU	JB				Nan	ne: Co	olumbia/Owe	ens Dow	vntown Airpo	rt			
Branch: TL	. 01		Name:	TAXI	LANE ()1	Use	: TA	XILANE	Area:	1	101,819 SqFt	t
Section: 10		of 1		From:	-				To: -			Last Con	st.: 6/1/1989
Surface: AC	Fa	amily: SC2	2_TWTL_	AC	Zon	e:			Category: (j		Rank: T	
Area:	101,819 S	qFt	Length:	:	420 F		Width:		310 Ft				
Slabs:	S	lab Length:		Ft		Slab Width	:		Ft	J	oint Length:		Ft
Shoulder:		treet Type:				Grade:	0				Lanes: 0		
Section Commen		- VE -				C-1101	v						
Work Date: 6/1/	1989	Work T	ype: Bas	se Course - A	ggregat	te		Code:	BA-AG		Is Major	M&R: False	e
Work Date: 6/1/	1989	Work T	ype: Sur	face Course	- AC (L	ayer Construc	et)	Code:	SU-AC		Is Major	M&R: False	e
Work Date: 6/1/	1989	Work T	ype: Nev	w Construction	on - AC	!		Code:	NC-AC		Is Major	M&R: True	:
Work Date: 1/1/	2009	Work T	ype: Sur	face Seal - R	ejuvena	nting		Code:	SS-RE		Is Major	M&R: False	e
Work Date: 1/1/	2020	Work T	ype: Pato	ching - AC				Code:	PA-AC		Is Major	M&R: False	e
Last Insp. Date:	1/6/2023		Total	Samples:	23		Surve	yed: 5	5				
Conditions: P	CI: 46												
Inspection Comn	nents:												
Sample Number:	. 02	Type:	R		Area:	550	00.00 SqFt		PCI:	50			
Sample Commen		*JP			11 0		00.00 2-1			50			
_													
48 L & T CR			L	79.00									
48 L & T CR			M	317.00									
52 RAVELIN			L	4675.00									
52 RAVELIN			M 	825.00			/	\					
Sample Number:		Type:	R	A	Area:	400	00.00 SqFt		PCI:	39			
Sample Commen	its:						111						
48 L & T CR		I	L	38.00	Ft								
48 L & T CR			M	322.00									
52 RAVELIN			L	2000.00				7					
52 RAVELIN			M	2000.00	10.7								
Sample Number:	11	Type:	R			40	00.00 SqFt	5	PCI:	40			
Sample Commen	its:					nom	10110						
48 L & T CR		I	L	81.00	Ft								
48 L & T CR			M	230.00									
52 RAVELIN			L	2000.00									
52 RAVELIN			M	2000.00									
Sample Number:	15	Type:	R		Area:	523	83.00 SqFt		PCI:	55			
Sample Commen	its:												
48 L & T CR		I	L	318.00	Ft								
48 L & T CR		ľ	M	245.00									
50 PATCHIN	IG	I	L	480.00									
52 RAVELIN			L	480.00	-								
57 WEATHE	RING	I	L	4323.00	SqFt								
Sample Number:	19	Type:	R	A	Area:	390	00.00 SqFt		PCI:	40			
Sample Commen	its:												
48 L & T CR		I	L	28.00	Ft								
48 L & T CR			M	295.00									
52 RAVELIN			L	1950.00	SqFt								
52 RAVELIN			M	1950.00									

	- CIID			G 1 11 /0 P		
Netwo			Name:	Columbia/Owens Dov	wntown Airport	
Branc	ch: TL 02	Name:	TAXILANE 02	Use: TA	'AXILANE	Area: 177,046 SqFt
Section	on: 10	of 3	From: -		То: -	Last Const.: 6/1/1983
Surfac	ce: AC F	Family: SC2_TWTL	L_AC Zone:		Category: G	Rank: T
Area:	114,934	SqFt Length	h: 550 Ft	Width:	400 Ft	
Slabs:	:	Slab Length:	Ft Slab W	Vidth:	Ft	Joint Length: Ft
Should	der:	Street Type:	Grade:	e: 0		Lanes: 0
Sectio	on Comments:					
Work	Date: 6/1/1983	Work Type: St	urface Course - AC (Layer Con	onstruct) Code	: SU-AC	Is Major M&R: False
	Date: 6/1/1983		ase Course - Aggregate		: BA-AG	Is Major M&R: False
	Date: 6/1/1983		ew Construction - AC		: NC-AC	Is Major M&R: True
	Date: 1/1/2009		urface Seal - Rejuvenating		: SS-RE	Is Major M&R: False
Last I	Insp. Date: 1/6/2023	Tota	alSamples: 32	Surveyed:	8	
Condi	itions: PCI: 51					
Inspec	ction Comments:					
Samp	le Number: 02	Type: R	Area:	4200.00 SqFt	PCI: 50	
Samp	le Comments:					
43	BLOCK CR	L	1035.00 SqFt			
48	L & T CR	L	83.00 Ft			
48	L & T CR	M	310.00 Ft			
57 57	WEATHERING	L	2520.00 SqFt			
57	WEATHERING	M	1680.00 SqFt			
_	le Number: 08	Type: R	Area:	3600.00 SqFt	PCI: 45	
Sampl	le Comments:					
48	L & T CR	L	145.00 Ft			
48	L & T CR	M	435.00 Ft			
57	WEATHERING	L	2160.00 SqFt			
57	WEATHERING	M	1440.00 SqFt	CAROLINA		
Sampl	le Number: 12	Type: R	Area:	3600.00 SqFt	PCI: 47	
Sampl	le Comments:		HERUI	MAUIILD		
43	BLOCK CR	L	2520.00 SqFt			
43	BLOCK CR	M	1080.00 SqFt			
57	WEATHERING	L	2160.00 SqFt			
57	WEATHERING	M	1440.00 SqFt			
Sampl	le Number: 15	Type: A	Area:	3139.00 SqFt	PCI: 91	
Sampl	le Comments:					
48	L & T CR	L	6.00 Ft			
57	WEATHERING	L	3139.00 SqFt			
Samp	le Number: 19	Type: R	Area:	3600.00 SqFt	PCI: 56	
Sampl	ele Comments:					
48	L & T CR	L	222.00 Ft			
48	L & T CR	M	285.00 Ft			
57 57	WEATHERING WEATHERING	L M	3560.00 SqFt 40.00 SqFt			
	ole Number: 26		Area:	3600.00 SqFt	PCI: 53	
_		Type: R	Alea.	3000.00 Sqr	101. 55	
Sampi	le Comments:					
43	BLOCK CR	L	1850.00 SqFt			
43	BLOCK CR	M	800.00 SqFt			
52 57	RAVELING WEATHERING	L L	200.00 SqFt 3400.00 SqFt			
	ole Number: 27			3600.00 SqFt	PCI: 39	
_		Type: A	Area:	3000.00 SqFi	FCI: 37	
Sampi	le Comments:					

48	L & T CR	M	90.00 Ft			
52	RAVELING	L	360.00 SqFt			
57	WEATHERING	L	3240.00 SqFt			
Sam	ple Number: 30	Type: R	Area:	3600.00 SqFt	PCI: 54	
Sam	ple Comments:					
48	L & T CR	L	182.00 Ft			
48	L & T CR	M	310.00 Ft			
52	RAVELING	L	20.00 SqFt			
57	WEATHERING	L	3580.00 SqFt			

41

43

48

ALLIGATOR CR

BLOCK CR

L & T CR

M

L

L

72.00 SqFt

1124.00 SqFt

176.00 Ft



Network:	CUB					Nar	ne:	Columbia/Ow	ens Dov	vntown Airp	ort			
Branch:	TL 02		N	Name:	TAX	LANE)2	Use	e: TA	XILANE	A	rea: 1	77,046 SqFt	
Section: 20		of	3		From:	-				To: -			Last Const.:	1/1/2005
Surface: AA	AC	Family:	SC2_	TWTL_A	AC	Zor	ie:			Category:			Rank: T	
Area:	36,852	2 SqFt		Length:		500 1	₹t	Width:		52 Ft	t			
Slabs:		Slab Leng	gth:		Ft		Slab Wid	th:		Ft		Joint Length:	F	t
Shoulder:		Street Ty	pe:				Grade:	0				Lanes: 0		
Section Comm	nents:													
Work Date: 6	5/1/1983	Wo	rk Ty	pe: New	Construct	on - AC	,		Code:	NC-AC		Is Major	M&R: True	
Work Date: 1	1/1/2005	Wo	rk Ty	pe: Ove	rlay - AC S	tructura	1		Code:	OL-AS		Is Major	M&R: True	
Last Insp. Dat	te: 1/6/2023			TotalS	Samples:	9		Surv	eyed:	2				
Conditions:	PCI: 81													
Inspection Co	mments:													
Sample Numb	oer: 03	Тур	e:	R		Area:		5200.00 SqFt		PCI:	78			
Sample Comn	nents:													
48 L & T 0			L		239.00									
	HERING HERING		L M		4940.00 260.00									
Sample Numb		Тур		R		Area:		3200.00 SqFt		PCI:	85			
Sample Comn		1 y p		K		Aica.	•	7200.00 Sq1 t		TCI.	0.5			
48 L&T			L		14.00									
	HERING		L		2880.00									
57 WEAT	HERING		M	Į.	320.00	SqFt		(
								1						
								ADOLIS						

Network: CUB		Name: Co	olumbia/Owens Downtown Airpor	t	
Branch: TL 02	Name:	TAXILANE 02	Use: TAXILANE	Area: 177,0	046 SqFt
Section: 30	of 3 Fron	1: -	То: -	I	ast Const.: 6/1/1983
Surface: AC	Family: SC2_TWTL_AC	Zone:	Category: G	F	Rank: T
Area: 25,26	60 SqFt Length:	510 Ft	Width: 55 Ft		
Slabs:	Slab Length:	Ft Slab Width	: Ft	Joint Length:	Ft
Shoulder:	Street Type:	Grade:	0	Lanes: 0	
Section Comments:					
Work Date: 6/1/1983	Work Type: New Con	struction - AC	Code: NC-AC	Is Major M&	R: True
Work Date: 6/1/1983	Work Type: Surface C	Course - AC (Layer Construc	ct) Code: SU-AC	Is Major M&	R: False
Work Date: 6/1/1983	Work Type: Base Cou	rse - Aggregate	Code: BA-AG	Is Major M&	R: False
Work Date: 1/1/1994	Work Type: Surface S	eal - Coal Tar	Code: SS-CT	Is Major M&	R: False
Work Date: 1/1/2010	Work Type: Surface S	eal - Rejuvenating	Code: SS-RE	Is Major M&	R: False
Last Insp. Date: 1/6/2023	TotalSamp	les: 5	Surveyed: 1		
Conditions: PCI: 25					
Inspection Comments:					
Sample Number: 05	Type: R	Area: 594	42.00 SqFt PCI : 2	25	
Sample Comments:					
43 BLOCK CR	M 59	42.00 SqFt			
50 DALET DIG	3.5	10.00 0 7			

AERONAUTICS

52

RAVELING

M

5942.00 SqFt

Netwo	ork: CUB					Name:	Columbia/Ow	ens Dov	vntown Airpor	t			
Branc	ch: TW A			Name:	TAXIWA	AY A	Use	e: TA	AXIWAY	Area:	17	7,891 SqFt	
Sectio	on: 10		of 4		From: -				To: -			Last Const.:	2/1/2010
Surfa	ice: AC	Fam	ily: SC2	_TWTL_A	AC	Zone:			Category: G			Rank: P	
Area:	:	59,600 SqF	t	Length:	1,7	40 Ft	Width:		40 Ft				
Slabs	:	Slal	Length:		Ft	Slab V	Vidth:		Ft	J	Joint Length:	I	Ft
Shoul	lder:	Stre	eet Type:			Grade	: 0			I	Lanes: 0		
Section	on Comments:												
Work	Date: 6/1/1983		Work T	ype: Base	Course - Agg	regate		Code:	BA-AG		Is Major M	I&R: False	
Work	Date: 6/1/1983		Work T	ype: Surf	ace Course - A	C (Layer Co	nstruct)	Code:	SU-AC		Is Major M	I&R: False	
Work	Date: 6/1/1983		Work T	ype: New	Construction -	· AC		Code:	NC-AC		Is Major M	I&R: True	
Work	Date: 6/1/2000		Work T	ype: Crac	k Sealing - AC	;		Code:	CS-AC		Is Major M	I&R: False	
Work	Date: 2/1/2010		Work T	ype: Com	plete Reconstr	uction - AC		Code:	CR-AC		Is Major M	I&R: True	
Last l	Insp. Date: 1/6/2	2023		TotalS	amples: 17		Surv	eyed:	4				
Cond	litions: PCI:	75											
Inspe	ection Comments:												
Samp	ole Number: 03		Type:	R	Are	a:	4000.00 SqFt		PCI:	78			
Samp	ole Comments:												
48	L & T CR		I	4	122.00 Ft								
52	RAVELING		I	,	600.00 Se	qFt							
57	WEATHERING		I	,	3400.00 Se	γFt		<u> </u>					
_	ole Number: 07		Type:	R	Are	a:	4000.00 SqFt		PCI:	78			
Samp	ole Comments:					7							
48	L & T CR		I	,	126.00 Ft								
52	RAVELING		I		600.00 S								
57	WEATHERING		I		3400.00 Se	ηFt	///	<u>/</u>					
Samp	ole Number: 12		Type:	R	Are	a: UTH	4000.00 SqFt		PCI:	76			
Samp	ole Comments:												
48	L & T CR		I		100.00 Ft	LIVU	NAUIIL	ıJ					
52	RAVELING		I		800.00 Se								
57	WEATHERING		I		3200.00 Se	qFt							
Samp	ole Number: 16		Type:	R	Are	a:	4000.00 SqFt		PCI:	59			
Samp	ole Comments:												
48	L & T CR		I	4	82.00 Ft								
48	L & T CR		N	Л	34.00 Ft								
52	RAVELING		I		1200.00 Se								
57	WEATHERING		I	,	2800.00 Se	ąFt							

Branch:	TW A				Name:		TAXIV	WAY A			Use: T	AXIWAY	?	Area:		177,8	91 SqFt	
Section:	15		oi	f 4		Fron	1:	-				To: -				La	ast Cons	t.: 2/1/201
Surface:	AAC	F	amily:	SC2	_TWT	L_AC		Zon	e:			Catego	ry: G			R	ank: P	
Area:		30,600	SqFt		Leng	th:		760 I	₹t	Widt	h:	4	0 Ft					
Slabs:		:	Slab Len	gth:			Ft		Slab Wi	dth:		Ft		Jo	int Leng	th:		Ft
Shoulder:		:	Street Ty	ype:					Grade:	0				La	nes:	0		
Section C	omments:																	
Work Dat	te: 6/1/1983	3	W	ork T	ype: N	lew Con	structio	on - AC			Code	: NC-A	C		Is Maj	or M&I	R: True	
Work Dat	te: 6/1/1983	3	W	ork T	ype: S	urface (ourse -	AC (L	ayer Cons	truct)	Code	: SU-AC	2		Is Maj	or M&I	R: False	:
Work Dat	te: 6/1/1983	}	W	ork T	ype: B	ase Cou	rse - A	ggregat	te		Code	: BA-AG	Ĵ		Is Maj	or M&I	R: False	:
Work Dat	te: 6/1/2000)	W	ork T	ype: C	rack Se	aling - A	AC			Code	: CS-AC	2		Is Maj	or M&I	R: False	:
Work Dat	te: 2/1/2010)	W	ork T	ype: C	verlay -	AC St	ructura	l		Code	: OL-AS	S		Is Maj	or M&I	R: True	
Last Insp.	Date: 1/6	/2023			Tot	alSamp	les:	8		Sı	irveyed:	2						
Condition	s: PCI:	77																
Inspection	n Comments	s:																
Sample N	umber: 02	2	Typ	oe:	R		A	rea:		4000.00 S	_l Ft	PO	CI: 76					
Sample C	omments:																	
48 L &	& T CR			I		1	85.00	Ft										
52 R.A	VELING			I	_		00.00											
57 W	EATHERIN	G		I	_	34	00.00	SqFt										
Sample N	umber: 06	5	Typ	e:	R		A	rea:		4000.00 S	_l Ft	PC	CI: 77					
Sample C	omments:									八层								
	& T CR			I		1	64.00	Ft										
48 L &				I				SqFt										
	VELING						00.00	1.7										
52 RA	AVELING EATHERIN	G		I	_	34	.00.00	Sqrt										
52 RA		G		I	_	34	.00.00	Sqrt		APOL								

Name:

Columbia/Owens Downtown Airport

CUB

Network:

Network: CUB		Name: Col	umbia/Owens Downtown Airport		
Branch: TW A	Name:	TAXIWAY A	Use: TAXIWAY	Area: 177,891 Sc	qFt
Section: 20	of 4 From	n: -	То: -	Last Co	onst.: 3/1/2009
Surface: AAC	Family: SC2_TWTL_AC	Zone:	Category: G	Rank:	P
Area: 22,00	00 SqFt Length:	550 Ft	Width: 40 Ft		
Slabs:	Slab Length:	Ft Slab Width:	Ft	Joint Length:	Ft
Shoulder:	Street Type:	Grade: 0		Lanes: 0	
Section Comments:					
Work Date: 6/1/1983	Work Type: New Con	nstruction - AC	Code: NC-AC	Is Major M&R: Ti	rue
Work Date: 6/1/1983	Work Type: Base Con	urse - Aggregate	Code: BA-AG	Is Major M&R: Fa	alse
Work Date: 6/1/1983	Work Type: Surface (Course - AC (Layer Construct	Code: SU-AC	Is Major M&R: Fa	alse
Work Date: 6/1/2000	Work Type: Crack Se	aling - AC	Code: CS-AC	Is Major M&R: Fa	alse
Work Date: 3/1/2009	Work Type: Overlay	- AC Structural	Code: OL-AS	Is Major M&R: Tr	rue
Last Insp. Date: 1/6/2023	TotalSamp	oles: 5	Surveyed: 1		
Conditions: PCI: 69					
Inspection Comments:					
Sample Number: 03	Type: R	Area: 400	0.00 SqFt PCI: 69	9	
Sample Comments:					
48 L & T CR	L	241.00 Ft			
	÷ ,				

AERONAUTICS

L

4000.00 SqFt

52

RAVELING

etwork: CUB	Name: Columbia/O	vens Downtown Airport	
ranch: TW A Name:	TAXIWAY A U	se: TAXIWAY Area	: 177,891 SqFt
ection: 25 of 4 From	n: -	То: -	Last Const.: 5/1/2009
urface: AAC Family: SC2_TWTL_AC	Zone:	Category: G	Rank: P
rea: 55,691 SqFt Length:	1,220 Ft Width :		
labs: Slab Length:	Ft Slab Width:		Joint Length: Ft
houlder: Street Type:	Grade: 0		Lanes: 0
ection Comments:			
Vork Date: 6/1/1983 Work Type: New Con	struction - AC	Code: NC-AC	Is Major M&R: True
Vork Date: 6/1/1983 Work Type: Surface O	Course - AC (Layer Construct)	Code: SU-AC	Is Major M&R: False
Vork Date: 6/1/1983 Work Type: Base Con	irse - Aggregate	Code: BA-AG	Is Major M&R: False
/ork Date: 6/1/2000 Work Type: Crack Se	aling - AC	Code: CS-AC	Is Major M&R: False
Vork Date: 5/1/2009 Work Type: Overlay	AC Structural	Code: OL-AS	Is Major M&R: True
ast Insp. Date: 1/6/2023 TotalSamp	oles: 14 Sur	veyed: 3	
onditions: PCI: 85			
spection Comments:			
ample Number: 05 Type: R	Area: 4000.00 SqF	PCI: 81	
ample Comments:			
	187.00 Ft		
	000.00 SqFt		
ample Number: 09 Type: R	Area: 4000.00 SqF	PCI: 88	
ample Comments:			
B L&TCR L	79.00 Ft		
	000.00 SqFt	no	
ample Number: 13 Type: R	Area: 4000.00 SqF	PCI: 85	
ample Comments:	SOUTH CAROLL		

Network:	CUB				Name:	Colı	ımbia/Owens	s Dow	vntown Airpo	ort			
Branch:	TW A1		Name	: TAXIV	VAY A1		Use:	TA	XIWAY	Area:	12,	020 SqFt	
Section:	10		of 2	From: -					То: -		I	ast Const.:	3/1/2009
Surface:	AAC	Family:	SC2_TW1	TL_AC	Zone:				Category:	G	F	Rank: P	
Area:		2,127 SqFt	Leng	gth:	38 Ft		Width:		45 Ft				
Slabs:		Slab Le	ength:	Ft	Sl	ab Width:			Ft	Joi	int Length:	I	t
Shoulder:		Street 1	Гуре:		G	rade: 0				La	nes: 0		
Section Con	mments:												
Work Date:	: 6/1/1983	V	Vork Type: 1	Base Course - Ag	ggregate		C	ode:	BA-AG		Is Major M&	R: False	
Work Date:	: 6/1/1983	V	Work Type: S	Surface Course -	AC (Laye	er Construct)	C	ode:	SU-AC		Is Major M&	R: False	
Work Date:	: 6/1/1983	V	Work Type: 1	New Constructio	n - AC		C	ode:	NC-AC		Is Major M&	R: True	
Work Date:	: 6/1/2000	V	Vork Type: (Crack Sealing - A	АС		C	ode:	CS-AC		Is Major M&	R: False	
Work Date:	: 3/1/2009	V	Work Type: (Overlay - AC Str	uctural		C	ode:	OL-AS		Is Major M&	R: True	
Last Insp. I	Date: 1/6/2	2023	То	talSamples:	-		Surveye	ed: 1	1				
Conditions:	: PCI:	64											
Inspection (Comments	:											
Sample Nui	mber: 01	Ty	ype: R	A	rea:	2127	.00 SqFt		PCI:	64			
Sample Cor	mments:												
48 L&	T CR		L	68.00	Ft								
52 RAV	VELING		L	2084.00	SqFt 🥌								
52 RAV	VELING		M	43.00	SqFt								

AERONAUTICS

	Name:	Columbia/Owens Downtown A	Airport	
Name:	TAXIWAY A1	Use: TAXIWAY	Area:	12,020 SqFt
of 2 Fr	om: -	То: -		Last Const.: 5/1/2009
mily: SC2_TWTL_AC	Zone:	Catego	ry: G	Rank: P
	140 Ft	Width: 10		
<u> </u>		t h: Ft	Joint Leng	gth: Ft
reet Type:	Grade:	0	Lanes:	0
Work Type: Surface	Course - AC (Layer Constr	uct) Code: SU-AC	Is Maj	jor M&R: False
Work Type: New C	onstruction - AC	Code: NC-A	C Is Maj	jor M&R: True
Work Type: Base C	ourse - Aggregate	Code: BA-AG	G Is Maj	jor M&R: False
Work Type: Crack S	Sealing - AC	Code: CS-AC	C Is Maj	jor M&R: False
Work Type: Overlag	- AC Structural	Code: OL-AS	S Is Maj	jor M&R: True
TotalSan	nples: 2	Surveyed: 1		
Type: R	Area: 5	5044.00 SqFt PC	CI: 73	
L	134.00 Ft			
M	60.00 Ft			
		(/\		
IVI	101.00 SqFt			
1	of 2 Fromily: SC2_TWTL_AC IFt Length: Implication ab Length: IFT L	Name: TAXIWAY A1 of 2 From: - mily: SC2_TWTL_AC Zone: IFt Length: 140 Ft ab Length: Ft Slab Widt reet Type: Grade: Work Type: Surface Course - AC (Layer Constr Work Type: New Construction - AC Work Type: Base Course - Aggregate Work Type: Crack Sealing - AC Work Type: Overlay - AC Structural TotalSamples: 2 Type: R Area: 5 L 134.00 Ft M 60.00 Ft L 40.00 SqFt L 4943.00 SqFt L 4943.00 SqFt	Name: TAXIWAY A1 of 2 From: - mily: SC2_TWTL_AC Zone: [Ft Length: 140 Ft Width: 10] ab Length: Ft Slab Width: Ft reet Type: Grade: 0 Work Type: Surface Course - AC (Layer Construct) Code: SU-AC Work Type: New Construction - AC Work Type: Base Course - Aggregate Code: BA-AC Work Type: Crack Sealing - AC Work Type: Overlay - AC Structural Code: OL-AS TotalSamples: 2 Surveyed: 1 Type: R Area: 5044.00 SqFt PC L 134.00 Ft M 60.00 Ft L 40.00 SqFt L 4943.00 SqFt L 4943.00 SqFt	Name: TAXIWAY A1 Use: TAXIWAY Area: of 2 From: - mily: SC2_TWTL_AC Zone: Category: G IFt Length: 140 Ft Width: 104 Ft ab Length: Ft Slab Width: Ft Joint Leng reet Type: Grade: 0 Lanes: Work Type: Surface Course - AC (Layer Construct) Code: SU-AC Is Maj Work Type: New Construction - AC Code: NC-AC Is Maj Work Type: Base Course - Aggregate Code: BA-AG Is Maj Work Type: Crack Sealing - AC Code: CS-AC Is Maj Work Type: Overlay - AC Structural Code: OL-AS Is Maj TotalSamples: 2 Surveyed: 1 Type: R Area: 5044.00 SqFt PCI: 73 L 134.00 Ft M 60.00 Ft L 4943.00 SqFt L 4943.00 SqFt L 4943.00 SqFt

Branch:	TW A2			Name:	TAX	IWAY A	.2	Use:	TA	XIWAY	Are	ea:	7,846 SqFt	
Section:	10		of 1		From:	-			7	Го: -			Last Con	st.: 3/1/200
Surface:	AAC	Family:	: SC	2_TWTL	_AC	Zon	e:		(Category:	G		Rank: P	
Area:		7,846 SqFt		Lengtl	h:	140 I	-t	Width:		40 Ft				
Slabs:		Slab L	ength:		Ft		Slab Width	:	I	₹t		Joint Length:	;	Ft
Shoulder:	:	Street	Type:				Grade:	0				Lanes: 0		
Section Co	omments:													
Work Dat	te: 6/1/1983	,	Work	Type: Ba	ase Course - A	Aggregat	te	C	ode:	BA-AG		Is Major	M&R: False	e
Work Dat	te: 6/1/1983	,	Work	Type: Ne	ew Construct	ion - AC		C	ode:	NC-AC		Is Major	M&R: True	
Work Dat	te: 6/1/1983	,	Work	Type: Su	ırface Course	- AC (L	ayer Construc	et) C	ode:	SU-AC		Is Major	M&R: False	
Work Dat	te: 6/1/2000	•	Work	Type: Cr	ack Sealing -	· AC		C	ode:	CS-AC		Is Major	M&R: False	•
Work Dat	te: 3/1/2009	•	Work	Type: Ov	verlay - AC S	tructura	[C	ode:	OL-AS		Is Major	M&R: True	
Last Insp.	. Date: 1/6/	2023		Tota	alSamples:	2		Surveye	d: 2					
Condition	s: PCI:	64												
Inspection	n Comments:	•												
Sample N	umber: 01	Т	ype:	R		Area:	39	73.00 SqFt		PCI:	64			
Sample C	omments:													
48 L <i>&</i>	& T CR			L	264.00	Ft								
48 L &	& T CR			M	10.00	Ft								
52 RA	AVELING			L	3973.00	SqFt								
Sample N	umber: 02	T	ype:	R		Area:	38	73.00 SqFt	λ.	PCI:	64			
Sample C	omments:													
48 L &	& T CR			L	109.00	Ft								
	& T CR			M	40.00	Ft								
	AVELING			L	3873.00									

Name:

Columbia/Owens Downtown Airport

CUB

Network:

Network:	CUB					Name	: Col	umbia/Owen	s Dov	wntown Airport				
Branch:	TW A3			Name:	TAXIV	VAY A3		Use:	TA	AXIWAY	Area:	7,8	385 SqFt	
Section:	10		of 2	Fr	om:	-				To: -		L	ast Const.:	2/1/2010
Surface:	AAC	Family	s SC2	2_TWTL_AC		Zone:				Category: G		R	ank: S	
Area:		5,260 SqFt		Length:		140 Ft		Width:		40 Ft				
Slabs:		Slab I	ength:		Ft	S	lab Width:			Ft	Joint	Length:	F	t
Shoulder:		Street	Type:			(Grade: 0				Lanes	s: 0		
Section Co	mments:													
Work Date	: 6/1/1983		Work 1	ype: Base C	Course - A	ggregate		(Code:	BA-AG	Is	Major M&	R: False	
Work Date	: 6/1/1983		Work T	ype: Surfac	e Course -	AC (Lay	er Construct) (Code:	SU-AC	Is	Major M&	R: False	
Work Date	: 6/1/1983		Work T	Type: New C	onstruction	n - AC		(Code:	NC-AC	Is	Major M&	R: True	
Work Date	: 6/1/2000		Work T	ype: Crack	Sealing - A	AC		(Code:	CS-AC	Is	Major M&	R: False	
Work Date	: 2/1/2010		Work T	ype: Overla	y - AC Stı	ructural		(Code:	OL-AS	Is	Major M&	R: True	
Last Insp. 1	Date: 1/6/	2023		TotalSa	nples:	1		Survey	ed:	1				
Conditions	: PCI:	76												
Inspection	Comments	:												
Sample Nu	mber: 01	7	ype:	R	A	rea:	5260	0.00 SqFt		PCI: 76				
Sample Co			J F					1						
48 L&	T CR]	L	111.00	Ft								
52 RA	VELING			L	1052.00	SqFt								
57 WE.	ATHERING	ĵ]	L	4208.00	SqFt								

SOUTH CAROLINA AERONAUTICS

Network:	CUB				Na	me: C	olumbia/Owen	ıs Do	wntown Airport				
Branch:	TW A3		Nam	e: TA	XIWAY .	A3	Use:	T	AXIWAY	Area:		7,885 SqFt	
Section:	20	C	of 2	From:	-				То: -			Last Const.:	3/1/2009
Surface:	AAC	Family:	SC2_TW	TL_AC	Zo	ne:			Category: G			Rank: S	
Area:		2,625 SqFt	Len	gth:	38	Ft	Width:		40 Ft				
Slabs:		Slab Le	ngth:		Ft	Slab Widtl	ı:		Ft	Joint I	Length:	F	t
Shoulder:		Street T	ype:			Grade:	0			Lanes	0		
Section Co	mments:												
Work Date	: 6/1/1983	W	ork Type:	Surface Cour	se - AC (Layer Constru	ct) (Code:	SU-AC	Is	Major N	M&R: False	
Work Date	: 6/1/1983	W	ork Type:	New Constru	ction - A		(Code:	NC-AC	Is	Major N	M&R: True	
Work Date	: 6/1/1983	W	ork Type:	Base Course	- Aggrega	nte	(Code:	BA-AG	Is	Major N	M&R: False	
Work Date	: 6/1/2000	W	ork Type:	Crack Sealing	g - AC		(Code:	CS-AC	Is	Major N	M&R: False	
Work Date	: 3/1/2009	W	ork Type:	Overlay - AC	Structura	al	(Code:	OL-AS	Is	Major N	M&R: True	
Last Insp. I	Date: 1/6/2	2023	T	otalSamples:	1		Survey	ed:	1				
Conditions	: PCI:	64											
Inspection	Comments:	:											
Sample Nu	mber: 01	Ту	pe: R		Area:	26	525.00 SqFt		PCI: 64				
Sample Co	mments:												
48 L&	T CR		L	130.0	00 Ft								
52 RAV	VELING		L	2573.0	00 SqFt								
52 RAV	VELING		M	52.0	00 SqFt								

SOUTH CAROLINA AERONAUTICS

Network:	CUB				Name:	Columbia/O	vens Downtov	vn Airport		
Branch:	TW A4		Name:	TAXIV	WAY A4	U	se: TAXIW	VAY	Area:	6,550 SqFt
Section:	10	0	f 1	From:	-		To:	-		Last Const.: 1/1/2016
Surface:	PCC	Family:	SC 234 NonF	W PCC	Zone:		Cate	egory:		Rank: S
Area:		6,550 SqFt	Length	:	143 Ft	Width		45 Ft		
Slabs:	66	Slab Len	igth:	10 Ft	Slab W	Vidth:	10 Ft		Joint Length:	1,099 Ft
Shoulder:		Street T	ype:		Grade	: 0			Lanes: 0	
Section Co	omments:									
Work Dat	e: 1/1/2016	W	ork Type: Nev	v Constructio	on - PCC		Code: NC	C-PC	Is Major	M&R: True
Last Insp.	Date: 1/6/2	2023	Total	Samples:	4	Sur	veyed: 1			
Condition	s: PCI:	98								
Inspection	Comments:									
Sample N	umber: 03	Туј	oe: R	A	rea:	16.00 Slab	S	PCI: 98		
Sample Co	omments:									
65 JT	SEAL DMG		L	16.00	Slabs					



Network: CUB				Name:	Columbia	/Owens Do	owntown Airport			
Branch: TW A5		Name:	TAXIWA	Y A5		Use:	ΓAXIWAY	Area:	17,221 SqFt	
Section: 10	of	2	From: -				То: -		Last Const.:	1/1/2022
Surface: AC	Family:	SC2_TWTL	_AC	Zone:			Category: G		Rank: P	
Area:	9,256 SqFt	Length	2	35 Ft	Wid	th:	40 Ft			
Slabs:	Slab Leng	gth:	Ft	Slab V	Width:		Ft	Joint L	ength: Fi	
Shoulder:	Street Typ	pe:		Grad	e: 0			Lanes:	0	
Section Comments:										
Work Date: 6/1/1983	Wo	rk Type: Ba	se Course - Aggr	regate		Code	e: BA-AG	Is N	Major M&R: False	
Work Date: 6/1/1983	Wo	rk Type: Ne	w Construction -	AC		Code	e: NC-AC	Is N	Major M&R: True	
Work Date: 6/2/1983	Wor	rk Type: Su	rface Course - A	C (Layer Co	onstruct)	Code	e: SU-AC	Is N	Major M&R: False	
Work Date: 6/1/2000	Wor	rk Type: Cra	ack Sealing - AC			Code	e: CS-AC	Is N	Major M&R: False	
Work Date: 1/1/2022	Wor	rk Type: Co	ld Milling			Code	e: MI-CO	Is N	Major M&R: False	
Work Date: 1/1/2022	Wo	rk Type: Re	construction - A			Code	e: RC-AC	Is N	Major M&R: True	
Work Date: 1/2/2022	Wor	rk Type: Ba	se Course - Aggr	egate		Code	e: BA-AG	Is N	Major M&R: False	
Work Date: 1/3/2022	Wor	rk Type: Su	rface Course - A	C (Layer Co	onstruct)	Code	e: SU-AC	Is N	Major M&R: False	
Last Insp. Date: 10/	11/2016	Tota	lSamples: 2		S	Surveyed:	1			
Conditions: PCI:	34		NOTE	:: *** Pre-	Construction	PCI ***				
Inspection Comments	:									
Sample Number: 2	Туре	e: R	Are	a:	4000.00 S	qFt	PCI: 34			
Sample Comments:										
41 ALLIGATOR (CRACKING	L	181.50 Sc	ıFt	. <i>4</i>					
41 ALLIGATOR (CRACKING	M	97.00 Sc	•						
45 DEPRESSION		L	72.00 Sc	_l Ft						
48 LONGITUDIN CRACKING	AL/TRANSVERSI	E L	247.00 Ft	OUTH	CARO					
52 RAVELING		L	80.00 Sc	ıFt —						
53 RUTTING		L	72.00 Sc	ıFf						
35 KUTTING		L	, 2.00	1						

Network:	CUB					Nam	e: Col	umbia/Owe	ns Dov	wntown Airport				
Branch:	TW A5			Name:	TAXIV	VAY A	5	Use:	Tz	AXIWAY	Area:	17,22	21 SqFt	
Section:	20		of 2		From:	-				То: -		La	st Const.:	3/1/2009
Surface:	AAC	Famil	y: SC	2_TWTL	_AC	Zone	:			Category: G		Ra	ank: P	
Area:		7,965 SqFt		Length	:	200 Ft		Width:		40 Ft				
Slabs:		Slab	Length:		Ft		Slab Width:			Ft	Joint	t Length:	F	t
Shoulder:		Stree	t Type:				Grade: 0				Lane	es: 0		
Section Co	mments:													
Work Date	e: 6/1/1983		Work	Type: Ne	w Construction	on - AC			Code:	NC-AC]	s Major M&F	R: True	
Work Date	e: 6/1/1983		Work	Type: Bas	se Course - A	ggregate			Code:	BA-AG]	s Major M&F	R: False	
Work Date	e: 6/1/1983		Work	Type: Sur	face Course -	AC (La	yer Construct) (Code:	SU-AC]	s Major M&F	R: False	
Work Date	e: 6/1/2000		Work	Type: Cra	nck Sealing - A	AC			Code:	CS-AC]	s Major M&F	R: False	
Work Date	e: 3/1/2009		Work	Type: Ov	erlay - AC Str	ructural			Code:	OL-AS]	s Major M&F	R: True	
Last Insp.	Date: 1/6/	2023		Total	Samples:	2		Survey	yed:	1				
Conditions	s: PCI:	64												
Inspection	Comments	:												
Sample Nu	ımber: 02		Туре:	R	A	rea:	473	3.00 SqFt		PCI: 64	1			
Sample Co								*						
48 L&	z T CR			L	145.00	Ft								
50 PA	TCHING			M	100.00	SqFt								
52 RA	VELING			L	4633.00	SqFt								

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