

FLORIDA DEPARTMENT OF TRANSPORTATION
AVIATION AND SPACEPORTS OFFICE

Statewide Airfield Pavement Management Program

Airport Pavement Evaluation Report September 2017



**Lake City Gateway
Airport (LCQ)**
General Aviation Airport
District 2





Florida Department of Transportation

Statewide Airfield Pavement Management Program

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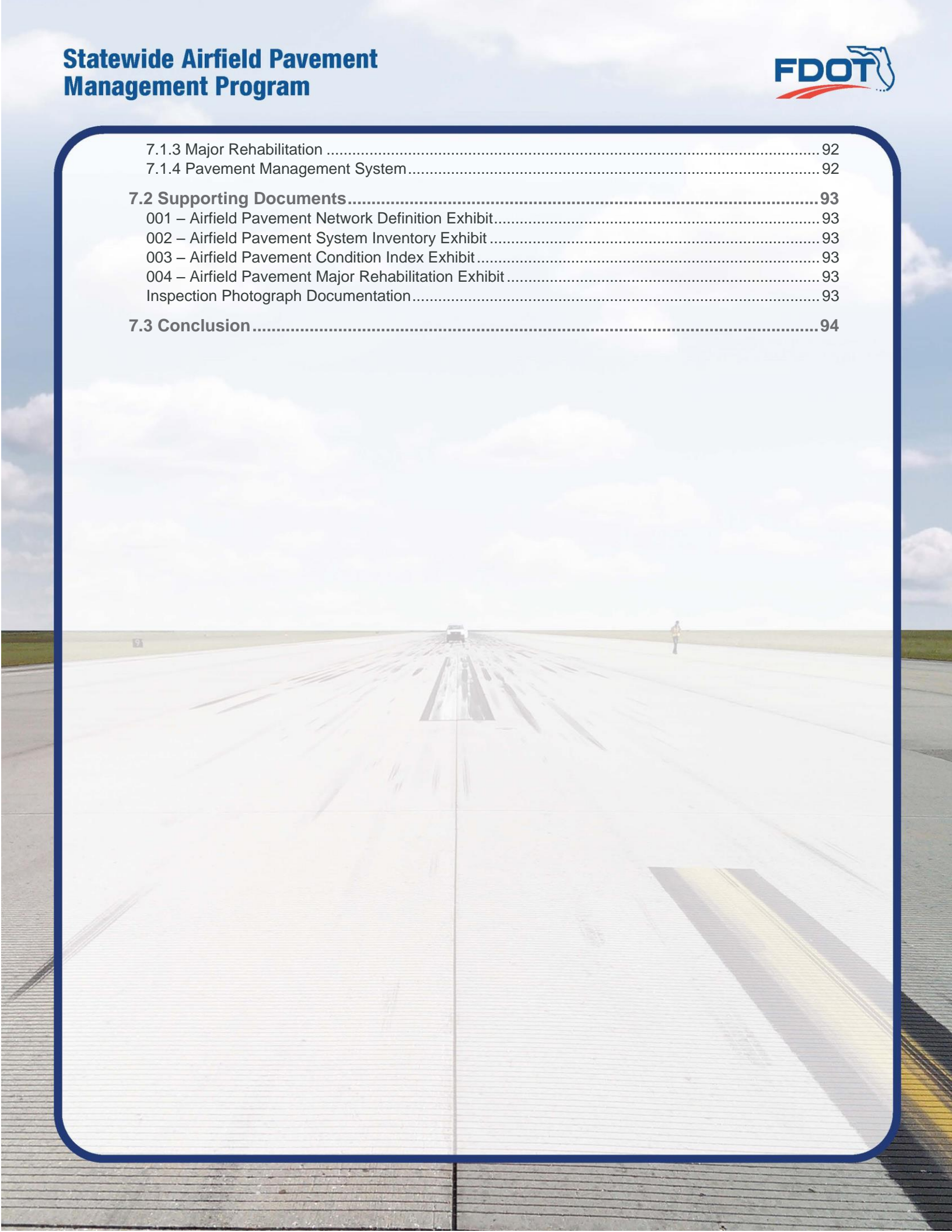
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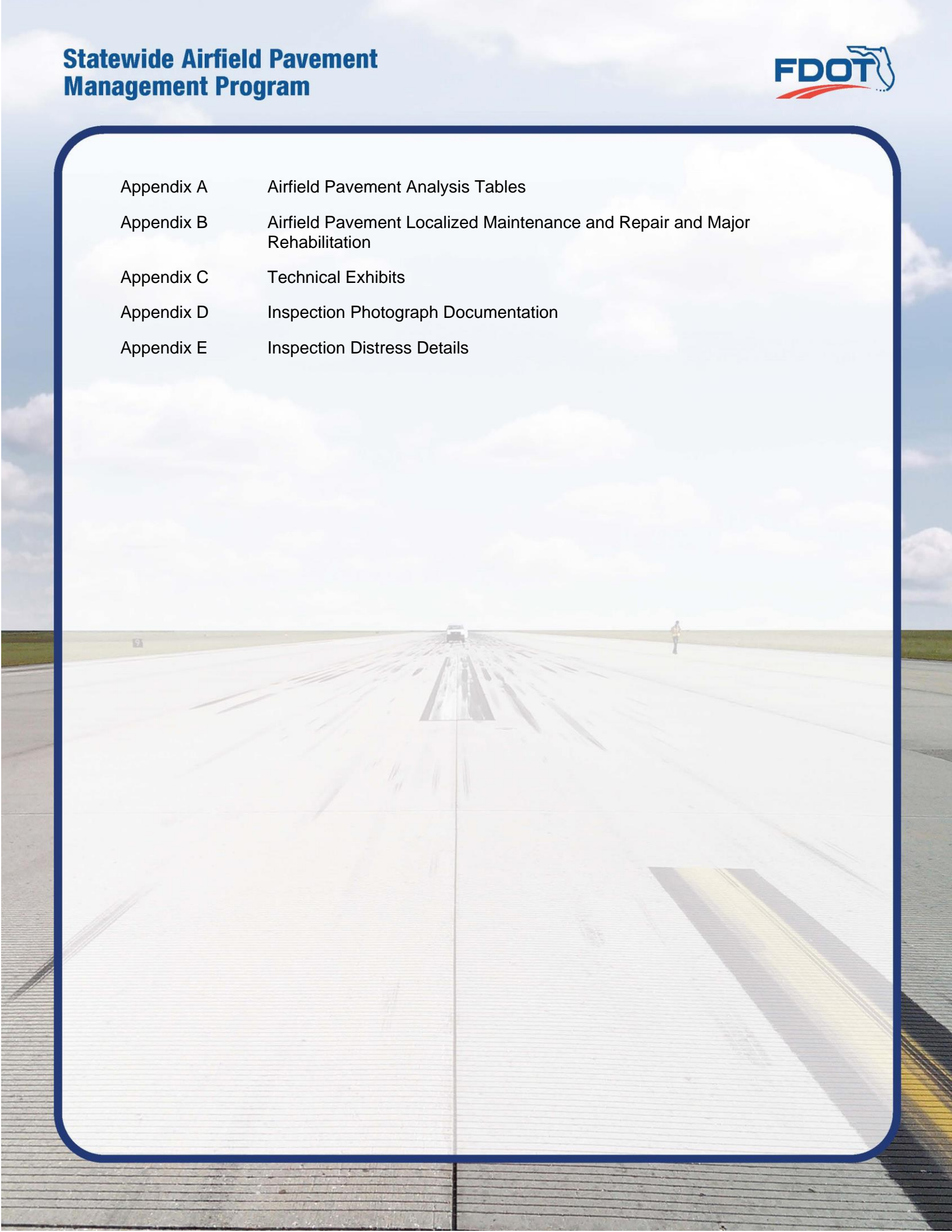
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Executive Summary





Executive Summary

Program Background

Airport airfield pavement infrastructure facilities represent a large capital investment in the Florida Airport System. Timely and appropriate maintenance and strategic rehabilitation are essential as repair costs increase significantly in proportion to deterioration. Airport pavement distresses can also contribute to the development of loose debris and decreased ride quality, which can be a safety concern for aircraft operations.

In 2016, the Florida Department of Transportation (FDOT) Aviation and Spaceports Office (ASO) selected Kimley-Horn and Associates, Inc. with subconsultants Airfield Pavement Management Systems, LLC and AVCON, Inc. to provide professional services in support of FDOT in the continued efforts of performing a system update to the Statewide Airfield Pavement Management Program (SAPMP). This work is to be completed from fiscal year 2016 through fiscal year 2019. The SAPMP has 95 public use airport facilities throughout the seven FDOT Districts that participate in the system update. The results of this system update for this specific airport are presented in this report and can be utilized by FDOT and the Federal Aviation Administration (FAA) to identify, prioritize, and schedule pavement maintenance, repair, and major rehabilitation projects.

Pavement condition was assessed utilizing the pavement condition index (PCI) methodology as defined in the FAA Advisory Circular **150/5380-7B “Airport Pavement Management Program (PMP)”** using the documented procedures set forth by ASTM **D5340-12 “Standard Test Method for Airport Pavement Condition Index Surveys.”**

Pavement deterioration, in accordance with the ASTM D5340-12, was characterized in terms of distinct distress types, severity level of distress, and quantity of distress. This information is utilized to calculate a PCI numeric that represents the overall condition of the pavement in a numeric index that ranges from 0 (a condition category of FAILED) to 100 (GOOD). The PCI methodology analyzes an overall measure of the pavement condition and provides an indication of the degree of maintenance, repair, or rehabilitation efforts that will be required to sustain functional pavement.

The tasks required for the system update at each participating airport consist of the following:

- Obtain recent and anticipated airfield pavement construction work data.
- Update airport airfield pavement system inventory records (construction history, identification, geometry, and facility classification).
- Perform PCI Survey Inspections at each participating airport.
- Update the FDOT SAPMP PAVER™ database system.
- Update the FDOT SAPMP GIS Airfield Navigation GPS enabled Maps.
- Update airfield pavement performance models and pavement condition forecasting.
- Identification of planning-level maintenance, repair, and major rehabilitation to address pavement needs based on functional PCI analysis.
- Development of planning-level opinion of probable construction costs for pavement rehabilitation.



Summary of Results

Pavement Condition Index (Latest Inspection)

Table E-1 Pavement Condition Index Summary (Last Inspection) – Section Level

Network ID	Branch Name	Branch Use	Section ID	Area (SF)	PCI	Condition Rating
LCQ	RUNWAY 10-28	RUNWAY	6105	574,700	49	Poor
LCQ	RUNWAY 10-28	RUNWAY	6110	287,350	60	Fair
LCQ	RUNWAY 10-28	RUNWAY	6114	183,000	53	Poor
LCQ	RUNWAY 10-28	RUNWAY	6115	42,500	48	Poor
LCQ	RUNWAY 10-28	RUNWAY	6116	91,500	54	Poor
LCQ	RUNWAY 10-28	RUNWAY	6120	21,250	50	Poor
LCQ	RUNWAY 5-23	RUNWAY	6205	240,000	42	Poor
LCQ	RUNWAY 5-23	RUNWAY	6207	21,932	49	Poor
LCQ	RUNWAY 5-23	RUNWAY	6209	22,150	56	Fair
LCQ	TAXIWAY A	TAXIWAY	105	294,652	100	Good
LCQ	TAXIWAY A	TAXIWAY	110	134,421	100	Good
LCQ	TAXIWAY A	TAXIWAY	120	19,420	100	Good
LCQ	TAXIWAY A1	TAXIWAY	130	24,489	100	Good
LCQ	TAXIWAY A1	TAXIWAY	135	17,500	100	Good
LCQ	TAXIWAY A1	TAXIWAY	140	56,925	85	Satisfactory
LCQ	TAXIWAY B	TAXIWAY	202	29,562	100	Good
LCQ	TAXIWAY B	TAXIWAY	210	159,830	100	Good
LCQ	TAXIWAY B	TAXIWAY	215	15,646	100	Good
LCQ	TAXIWAY B	TAXIWAY	220	247,495	100	Good
LCQ	TAXIWAY C	TAXIWAY	305	29,985	100	Good
LCQ	TAXIWAY C	TAXIWAY	310	54,377	72	Satisfactory
LCQ	TAXIWAY D	TAXIWAY	405	86,039	39	Very Poor
LCQ	TAXIWAY D	TAXIWAY	410	13,694	47	Poor
LCQ	TAXILANE TO T-HANGARS	TAXILANE	4115	34,013	59	Fair
LCQ	TAXILANE TO T-HANGARS	TAXILANE	4116	2,480	81	Satisfactory
LCQ	TAXILANE TO T-HANGARS	TAXILANE	4125	27,917	56	Fair
LCQ	NORTH APRON	APRON	4105	263,561	77	Satisfactory
LCQ	NORTH APRON	APRON	4110	9,384	28	Very Poor
LCQ	NORTH APRON	APRON	4130	24,920	94	Good
LCQ	EAST APRON	APRON	4205	100,138	47	Poor
LCQ	EAST APRON	APRON	4210	39,217	52	Poor
LCQ	EAST APRON	APRON	4212	27,455	57	Fair
LCQ	EAST APRON	APRON	4215	105,993	41	Poor
LCQ	EAST APRON	APRON	4220	41,459	47	Poor
LCQ	EAST APRON	APRON	4228	27,000	4	Failed



Network ID	Branch Name	Branch Use	Section ID	Area (SF)	PCI	Condition Rating
LCQ	EAST APRON	APRON	4230	91,108	39	Very Poor
LCQ	EAST APRON	APRON	4235	83,816	48	Poor
LCQ	EAST APRON	APRON	4250	32,011	50	Poor
LCQ	RUN UP AND TURNAROUND APRON RW10-28	APRON	5105	29,370	100	Good
LCQ	RUN UP AND TURNAROUND APRON RW10-28	APRON	5115	62,200	78	Satisfactory
LCQ	RUN UP AND TURNAROUND APRON RW10-28	APRON	5120	24,359	100	Good
LCQ	RUN UP AND TURNAROUND APRON RW10-28	APRON	5125	59,444	53	Poor
LCQ	SOUTHWEST APRON	APRON	5130	162,978	90	Good
LCQ	SOUTHWEST APRON	APRON	5135	19,999	86	Good



Forecasted Pavement Condition Index 2018-2027

Table E-2 Pavement Condition Index Forecast 2018-2027

Network ID	Branch ID	Section ID	Last PCI	Forecasted PCI									
				2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
LCQ	AP E	4205	47	45	43	42	40	39	37	36	34	32	31
LCQ	AP E	4210	52	50	48	47	45	44	42	41	39	37	36
LCQ	AP E	4212	57	55	53	52	50	49	47	46	44	42	41
LCQ	AP E	4215	41	39	37	36	34	33	31	30	28	26	25
LCQ	AP E	4220	47	45	43	42	40	39	37	36	34	32	31
LCQ	AP E	4228	4	2	0	0	0	0	0	0	0	0	0
LCQ	AP E	4230	39	37	35	34	32	31	29	28	26	24	23
LCQ	AP E	4235	48	46	44	43	41	40	38	37	35	33	32
LCQ	AP E	4250	50	48	46	45	43	42	40	39	37	35	34
LCQ	AP NW	4105	77	75	73	72	70	69	67	66	64	62	61
LCQ	AP NW	4110	28	26	24	23	21	20	18	17	15	13	12
LCQ	AP NW	4130	94	92	90	89	87	86	84	83	81	79	78
LCQ	AP RW10-28	5105	100	96	95	93	92	90	89	87	85	84	82
LCQ	AP RW10-28	5115	78	76	74	73	71	70	68	67	65	63	62
LCQ	AP RW10-28	5120	100	96	95	93	92	90	89	87	85	84	82
LCQ	AP RW10-28	5125	53	51	49	48	46	45	43	42	40	38	37
LCQ	AP SW	5130	90	88	86	85	83	82	80	79	77	75	74
LCQ	AP SW	5135	86	83	80	78	76	73	71	69	67	65	64
LCQ	RW 10-28	6105	49	47	45	44	42	41	39	37	36	34	32
LCQ	RW 10-28	6110	60	58	56	55	53	52	50	48	47	45	43
LCQ	RW 10-28	6114	53	50	47	44	41	38	35	32	30	27	24
LCQ	RW 10-28	6115	48	45	41	38	35	32	30	27	24	22	19
LCQ	RW 10-28	6116	54	51	49	46	42	39	36	33	31	28	25
LCQ	RW 10-28	6120	50	47	44	40	37	34	32	29	26	24	21
LCQ	RW 5-23	6205	42	39	35	33	30	28	25	22	19	16	14
LCQ	RW 5-23	6207	49	47	45	44	42	41	39	37	36	34	32
LCQ	RW 5-23	6209	56	54	52	51	49	48	46	44	43	41	39
LCQ	T-HANG NW	4115	59	57	56	55	54	52	51	49	47	46	44
LCQ	T-HANG NW	4116	81	80	79	78	77	76	76	75	74	73	72
LCQ	T-HANG NW	4125	56	54	53	51	50	48	47	45	43	42	40
LCQ	TW A	105	100	95	93	90	88	85	83	81	79	77	75
LCQ	TW A	110	100	95	93	90	88	85	83	81	79	77	75
LCQ	TW A	120	100	95	93	90	88	85	83	81	79	77	75
LCQ	TW A1	130	100	95	93	90	88	85	83	81	79	77	75
LCQ	TW A1	135	100	95	93	90	88	85	83	81	79	77	75



Network ID	Branch ID	Section ID	Last PCI	Forecasted PCI									
				2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
LCQ	TW A1	140	85	82	80	78	76	74	73	71	70	69	68
LCQ	TW B	202	100	98	96	94	91	89	86	84	81	79	77
LCQ	TW B	210	100	98	96	94	91	89	86	84	81	79	77
LCQ	TW B	215	100	98	96	94	91	89	86	84	81	79	77
LCQ	TW B	220	100	98	96	94	91	89	86	84	81	79	77
LCQ	TW C	305	100	95	93	90	88	85	83	81	79	77	75
LCQ	TW C	310	72	70	69	68	67	66	65	64	64	63	62
LCQ	TW D	405	39	37	36	35	33	32	31	31	30	29	28
LCQ	TW D	410	47	45	43	42	40	39	37	36	35	34	32

Major Rehabilitation Planning 2018-2027

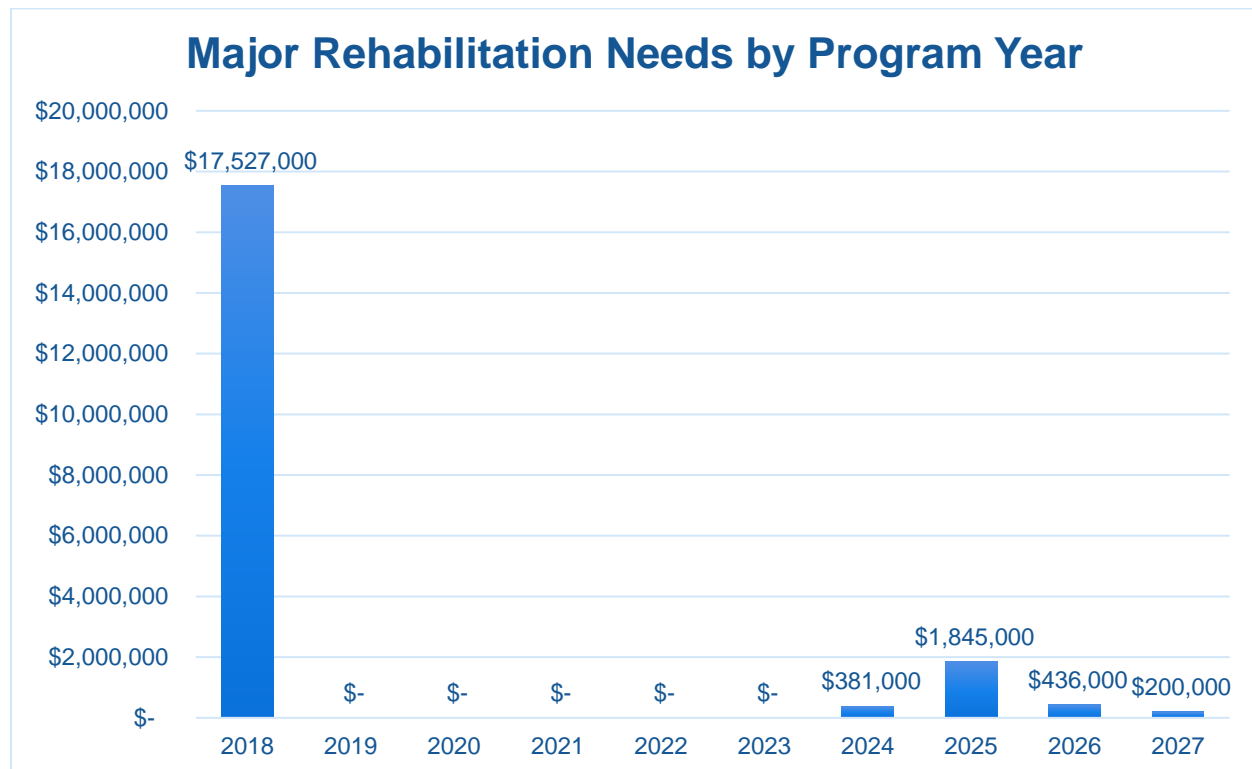
Table E-3 Major Rehabilitation Planning 2018-2027

Program Year	Network ID	Branch ID	Section ID	Surface	Area (SF)	PCI Before	Rehabilitation Type	Planning Cost
2018	LCQ	AP E	4205	AC	100,138	45	AC Restoration	\$ 790,000.00
2018	LCQ	AP E	4210	AC	39,217	50	AC Restoration	\$ 275,000.00
2018	LCQ	AP E	4212	AC	27,455	55	AC Restoration	\$ 193,000.00
2018	LCQ	AP E	4215	AC	105,993	39	AC Restoration	\$ 954,000.00
2018	LCQ	AP E	4220	AC	41,459	45	AC Restoration	\$ 327,000.00
2018	LCQ	AP E	4228	AC	27,000	2	AC Reconstruction	\$ 244,000.00
2018	LCQ	AP E	4230	AC	91,108	37	AC Reconstruction	\$ 821,000.00
2018	LCQ	AP E	4235	AC	83,816	46	AC Restoration	\$ 645,000.00
2018	LCQ	AP E	4250	AC	32,011	48	AC Restoration	\$ 234,000.00
2018	LCQ	AP NW	4110	AC	9,384	26	AC Reconstruction	\$ 85,000.00
2018	LCQ	AP RW10-28	5125	AC	59,444	51	AC Restoration	\$ 417,000.00
2018	LCQ	RW 10-28	6105	AC	574,700	47	AC Restoration	\$ 4,307,000.00
2018	LCQ	RW 10-28	6110	AC	287,350	58	AC Restoration	\$ 2,012,000.00
2018	LCQ	RW 10-28	6114	AAC	183,000	50	AC Restoration	\$ 1,282,000.00
2018	LCQ	RW 10-28	6115	AAC	42,500	45	AC Restoration	\$ 339,000.00
2018	LCQ	RW 10-28	6116	AAC	91,500	51	AC Restoration	\$ 641,000.00
2018	LCQ	RW 10-28	6120	AAC	21,250	47	AC Restoration	\$ 160,000.00
2018	LCQ	RW 5-23	6205	AAC	240,000	39	AC Restoration	\$ 2,161,000.00
2018	LCQ	RW 5-23	6207	AC	21,932	47	AC Restoration	\$ 165,000.00
2018	LCQ	RW 5-23	6209	AC	22,150	54	AC Restoration	\$ 156,000.00
2018	LCQ	T-HANG NW	4115	AC	34,013	57	AC Restoration	\$ 239,000.00
2018	LCQ	T-HANG NW	4125	AC	27,917	54	AC Restoration	\$ 196,000.00
2018	LCQ	TW D	405	AC	86,039	37	AC Reconstruction	\$ 775,000.00



Program Year	Network ID	Branch ID	Section ID	Surface	Area (SF)	PCI Before	Rehabilitation Type	Planning Cost
2018	LCQ	TW D	410	AC	13,694	45	AC Restoration	\$ 109,000.00
2024	LCQ	TW C	310	AC	54,377	64	AC Restoration	\$ 381,000.00
2025	LCQ	AP NW	4105	AC	263,561	64	AC Restoration	\$ 1,845,000.00
2026	LCQ	AP RW10-28	5115	AC	62,200	63	AC Restoration	\$ 436,000.00
2027	LCQ	AP SW	5135	PCC	19,999	64	PCC Restoration	\$ 200,000.00

**All planning cost values have been rounded to the nearest thousand-dollar.*

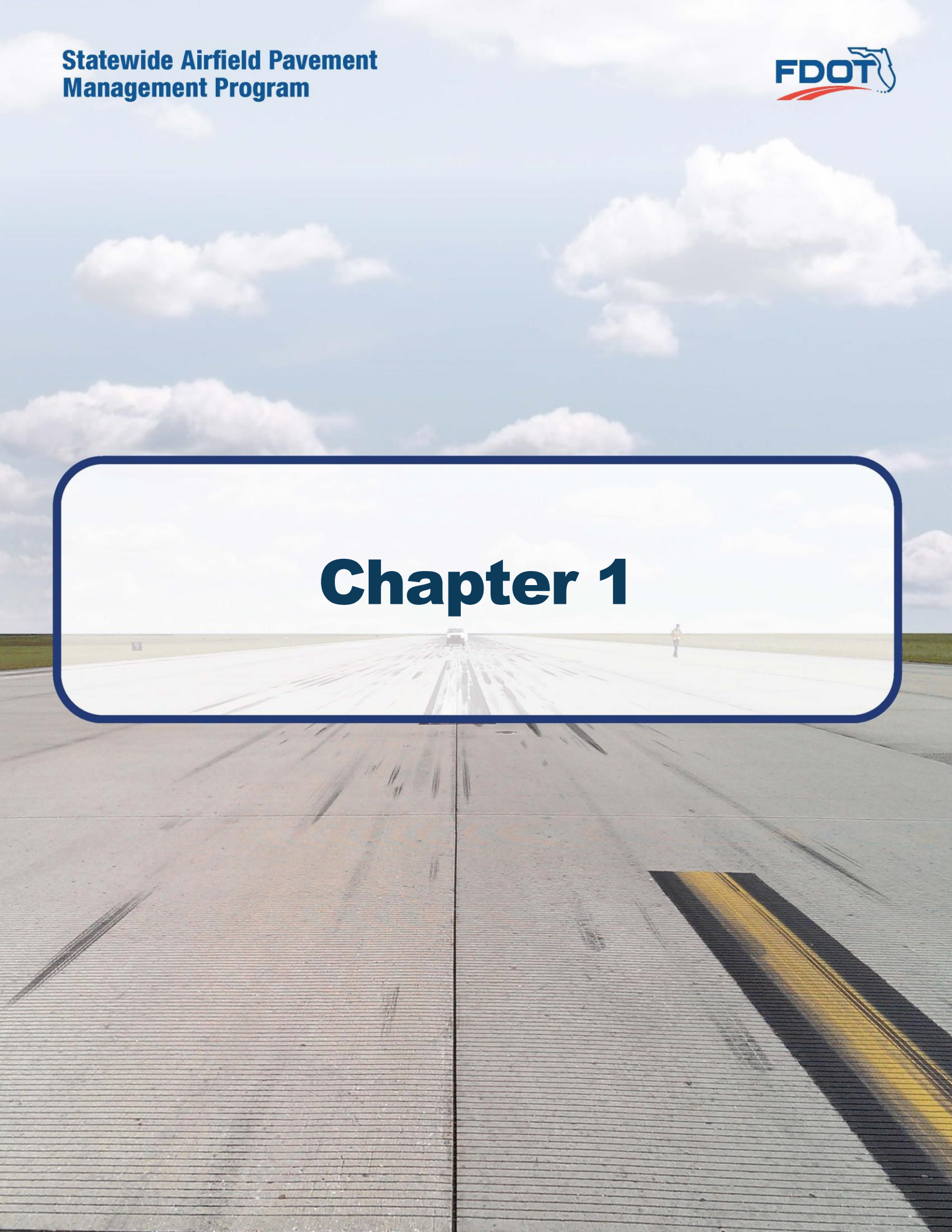
*Figure E-4 Major Rehabilitation Planning Annual Budget 2018-2027*

Summary of Lake City Gateway Airport

Lake City Gateway Airport was inspected in February 2017 – the overall weighted PCI value was 67, a condition rating of Fair. The results of the maintenance, repair, and major rehabilitation analysis identified \$1,445,970 in localized M&R needs based on current conditions and a 10-Year major rehabilitation need of \$20,389,000 based on forecasted conditions. The current major rehabilitation needs based on the latest inspection consist of \$17,527,000 for pavements below critical condition.

Localized maintenance and repair identified within this report are categorized as preventive or stopgap; the FDOT SAPMP has defined maintenance policies based on FAA recommendations. Major rehabilitation is identified within the FDOT SAPMP as major construction activity that would result in an improvement or resetting of the pavement section's PCI to a value of 100. Such activities could include: mill and hot-mix asphalt overlay, rigid pavement repair and slab replacement, and full-depth reconstruction. It is recommended that the airport use this as a planning tool for future project development and prioritization – all localized maintenance and repair and major rehabilitation recommendations should be considered as planning-level only. All final localized maintenance, repair, and major rehabilitation is subject to change based on airport prioritization and further design-level evaluation.

Chapter 1





Chapter 1 – Introduction

1.1 Background

The State of Florida has 128 public airports of which 100 public-use airports are recognized as part of the Federal Aviation Administration's (FAA) National Plan of Integrated Airport Systems (NPIAS) that are vital to the Florida economy as well as the economy of the United States. The Florida Aviation System (FAS) provides opportunities for the State to capitalize on an increasingly global marketplace. Florida's system of commercial service and general aviation (GA) airports are important to businesses throughout the entire State. Air travel is essential to tourism, Florida's number one industry.

There are millions of square feet of pavement infrastructure that consists of runways, taxiways, aprons, ramps, and other areas of airports that are vital to the support and safety of aircraft operations. Timely pavement maintenance, repair and major rehabilitation of these pavements will support the airport in operating safely, efficiently, economically and without excessive down time.

In general, adherence to the FAA Advisory Circulars are mandatory for all projects funded with federal grant monies through the Airport Improvement Program (AIP) and with revenue from the Passenger Facilities Charges (PFC) Program. Further information is detailed in FAA Grant Assurance No. 11 "Pavement Maintenance," No. 34 "Policies, Standards, and Specifications," and PFC Assurance No. 9 "Standards and Specifications." The Florida Department of Transportation (FDOT) performs the Statewide Airfield Pavement Management Program (SAPMP) System Updates for the benefit of participating public-use and publicly owned airports through the Aviation and Spaceports Office (ASO).

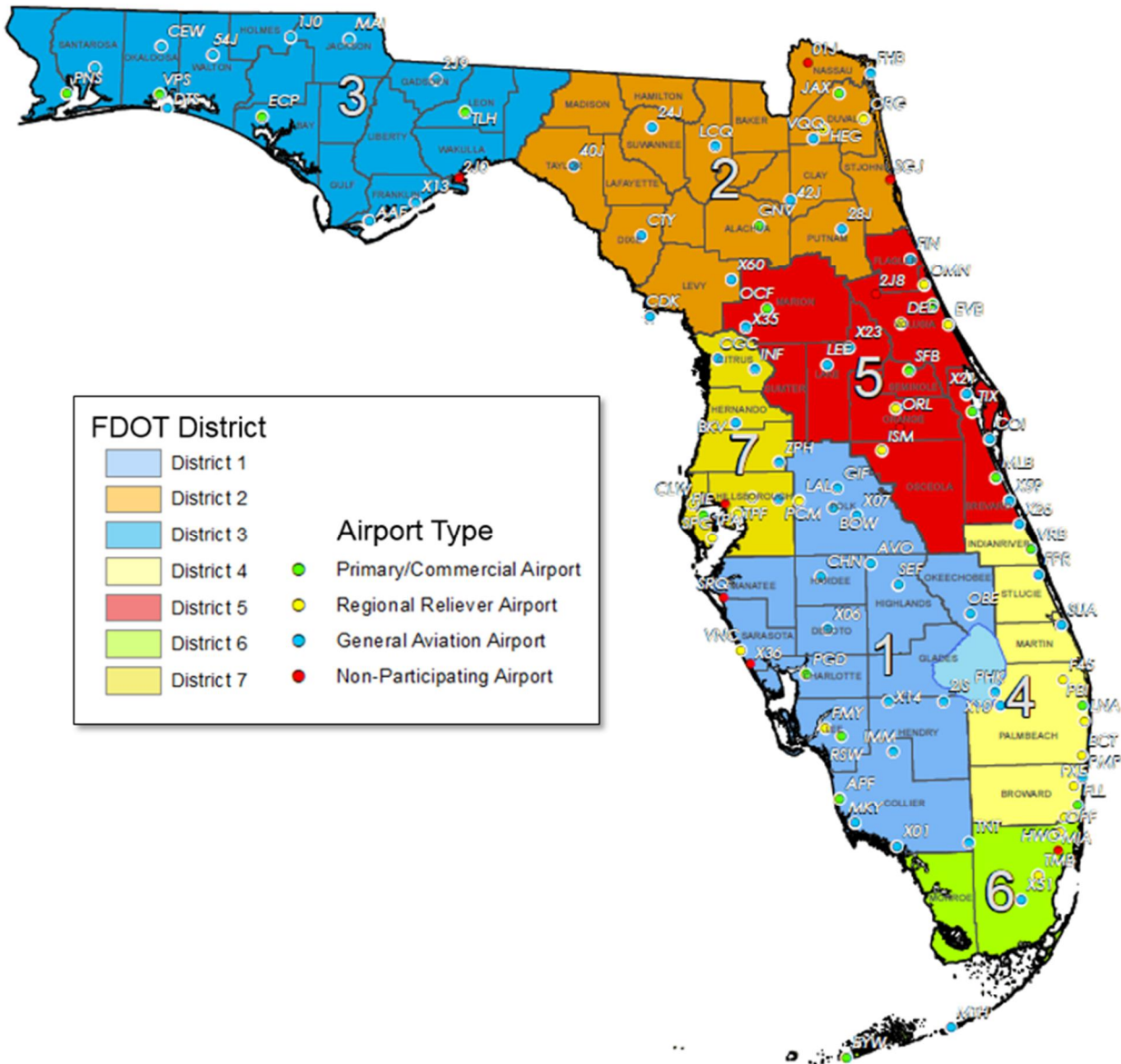
The SAPMP addresses the requirements of maintaining an effective pavement management program for the participating airports at the network level. Network-level management of pavement assets provides insight for short-term and long-term budget needs, understanding of the overall condition of the network (current and future), and pavement facilities that are subject for project consideration. A network-level evaluation can be supportive in the identification of maintenance, repair, and major rehabilitation needs and budgetary planning-level opinions of probable construction costs.

1.2 Statewide Airfield Pavement Management Program (SAPMP) Update 2016-2017

In 1992, the FDOT established the Statewide Airfield Pavement Management Program (SAPMP) to provide program managers, District Aviation and Spaceport Offices, and airport operators a system to proactively manage airport airfield pavement infrastructure within the Florida Aviation System. The SAPMP performs network-level Pavement Condition Index (PCI) survey inspections for airport facilities that are categorized as General Aviation (GA), Reliever (RL), and Commercial (PR). Currently, the program consists of 95 actively participating public-use airports with pavement facilities and provides users with comprehensive data to better manage pavement assets.



Figure 1.2 Florida Aviation System (Facilities with Pavement) and FDOT Districts



In 2016, the Florida Department of Transportation Aviation and Spaceports Office contracted Kimley-Horn and Associates, Inc. along with subconsultants Airfield Pavement Management Systems, LLC and AVCON, Inc. to provide professional services in support of FDOT in the continued efforts of performing a system update to the SAPMP. This work is to be completed from fiscal year 2016 through fiscal year 2019.



1.3 Organization

1.3.1 Florida Department of Transportation Aviation and Spaceports Office Program Manager

The FDOT Aviation and Spaceports Office (ASO) Aviation Engineering Manager serves as the Program Manager (ASO-PM) for the SAPMP. The ASO-PM monitors the work performed by the designated Consultant for the program. The ASO-PM has review and approval authority for each program task and manages the program's day-to-day details and pertinent updates.

The ASO-PM reports updates and milestones to the FDOT State Aviation and Spaceports Manager and Development Administrator.

1.3.2 Participating Florida Public-Use and Publicly Owned Airports

The airports are the end-user and beneficiary of the SAPMP. The SAPMP provides a specific Airport Pavement Evaluation Report that meets the requirements of the FAA Advisory Circular **150/5380-7B "Airport Pavement Management Program (PMP)."** Individual participating airports will be provided a final Airport Pavement Evaluation Report by the designated Consultant that is specific to each airport's airfield pavement condition index survey. The ASO-PM has full authority and final approval of each report prior to finalization. In advance of each PCI survey and prior to completion of each Airport Pavement Evaluation Report, participating airports are asked to provide the necessary record documentation for the proper analysis efforts. Relevant record documentation artifacts may consist of but are not limited to: Airport Layout Plans (ALP), Construction Bid Tabulations, As-Built Construction Drawings, Engineer's Reports, and/or field pavement inspection reports.

1.3.3 Florida Department of Transportation District Offices

The seven (7) FDOT District Offices, specifically the Aviation representatives (currently the Freight and Logistics personnel), provide essential support to the SAPMP update and the ASO-PM. Each District supports the SAPMP's on-going efforts by providing local construction cost information throughout the State. The construction cost information, typically consisting of plans and bid tabulations, are used as the basis of the development maintenance, repair, and major rehabilitation opinions of probable construction costs for planning purposes. Each District Office receives copies of individual Airport Pavement Evaluation Reports for the participating airport facilities located within their respective Districts.

1.3.4 Consultant

The Consultant, Kimley-Horn and Associates, Inc., provides technical and administrative support to the ASO-PM for the SAPMP update. The support consists of airfield pavement system inventory updates, performance of PCI Surveys in accordance with ASTM **D5340-12 "Standard Test Method for Airport Pavement Condition Index Surveys,"** evaluation and reporting of the pavement condition in accordance with the FAA Advisory Circular **150/5380-7B "Airport Pavement Management Program (PMP)."**

The Consultant Team consists of Kimley-Horn, Airfield Pavement Management Systems, LLC., and AVCON, Inc.



A brief description of the general scope of work undertaken to update the SAPMP includes but is not limited to:

- ▶ **Research and evaluation of existing record documentation** was performed to identify construction projects that have taken place since the most recent major update of the SAPMP. This data is used to update the pavement inventory and network definition.
- ▶ **An update to the existing Network Definition Map** was made to reflect geometric changes, pavement composition updates, and section characterization. Furthermore, an update to the PCI Survey sample units were made to reflect the field investigation efforts.
- ▶ **A functional pavement evaluation with PCI Survey inspections** was completed on all airfield pavements maintained by the Airport. The PCI Survey procedure, as defined by ASTM D5340-12, was used as the basis of the functional pavement evaluation. For this specific evaluation, the sample units defined by prior studies were inspected as to better develop performance models for prediction curves. Pavement subject to construction or anticipated construction during scheduled PCI Survey inspection or within 2 years were omitted from inspection based on confirmation of airport personnel.
- ▶ **Condition Analysis** was performed based on the distress data observed, rated, measured, and recorded in accordance with the ASTM D5340-12 for the calculation of PCI values and ratings. The results of the current condition analysis were used in concert with the historic PCI Survey data and construction work history to develop performance models to forecast future PCI values for each section for a 10-year study duration.
- ▶ **Maintenance, Repair, and Rehabilitation Planning** was performed predicated on the results of the condition analysis with updated policies and planning-level unit costs. The policies, or M&R policies, have been updated to reflect standard practices for maintenance, repair, and major rehabilitation as defined by the FAA **AC 150/5380-6C “Guidelines and Procedures for Maintenance of Airport Pavements.”** Planning-level unit costs were developed based on representative construction bid tabulations provided by participating airports. The bid tabulations consisted of limited airfield pavement construction projects that took place between 2009 and 2015 at participating airports.



1.4 Purpose of Airport Pavement Evaluation Report

The individual airport airfield pavement evaluation report discusses the work performed, a summary of findings, condition analysis results, and recommendations for maintenance, repair, and major rehabilitation (M&R) planning associated with the SAPMP system update. It also briefly describes the procedures used to ensure that the appropriate engineering and scientific standards of care, quality, budget, schedules, and safety requirements were implemented during the performance of this work.

The purpose of this Airfield Pavement Evaluation Report is to achieve the following:

- Describe the goals, procedures, and purpose of the SAPMP
- Provide a brief technical explanation of the pavement management methodology, standard practices, and objectives
- Analyze pavement distresses data for the determination of pavement conditions and for identification of airfield pavement maintenance, repair, and major rehabilitation needs based on functional PCI trends

The identification of rehabilitation needs has been determined at the planning level. Design-level investigation is recommended prior to developing construction-level design documents and budgets.

In compliance with FAA Grant Assurances 11 and 19; the FDOT SAPMP provides airports with airfield pavement evaluation reports in accordance with FAA **AC 150/5380-7B Airport Pavement Management Program (PMP)** and **AC 150/5380-6C Guidelines and Procedures for Maintenance of Airport Pavements**. The application of the results of a PCI survey are for planning purposes and are limited to the visual observation of deteriorated pavements in limited sampling; design-level investigation is recommended in accordance with the FAA procedures defined in **AC 5320-6F Airport Pavement Design and Evaluation** and **AC 150/5370-11B Use of Nondestructive Testing in the Evaluation of Airport Pavements**. The aforementioned ACs provide the design-level material properties of in-situ pavement and subgrade layers for the determination of appropriate rehabilitation actions. The FDOT Statewide Airfield Pavement Management Program is organized to provide airports with planning-level data and does not intend to preclude the responsible engineer in performing the appropriate level of investigation and analysis in determining the appropriate design details of a pavement rehabilitation. It would not be advisable to solely base design-level rehabilitation without the appropriate level of investigation and determination of pavement deterioration beyond that of a visual functional condition assessment.

1.5 History of the Program

In 1992, the FDOT implemented the SAPMP to understand the pavement conditions at public airports in the FAS, systematically update pavement infrastructure information, and assist airport operators with recommendations of pavement maintenance, repair, and major rehabilitation needs. The 1992 SAPMP implementation provided the FDOT and the participating airports valuable information for establishing and performing timely and appropriate pavement rehabilitation.



During the 1992-1993 implementation and again during the 1998-1999 updates; the SAPMP performed the development with proprietary software for pavement management system analysis. This development allowed for the creation of pavement management database file system populated with airport attributes and condition data. The pavement management database was used to establish maintenance, repair, and rehabilitation policies; consider planning-level unit costs; and develop recommendations for performing pavement maintenance. This system, known as AIRPAV, was initially developed during the 1992-1993 SAPMP implementation for the analysis of distress data. The AIRPAV system was used again in the 1998-1999 SAPMP update.

In 2004, the SAPMP system update included the review of the AIRPAV software compared to other industry available non-proprietary software packages. As a result of this review, MicroPAVER™ (currently known as PAVER™) was selected for implementation of the system update. MicroPAVER™ was developed by the U.S. Army Corps of Engineers Construction Engineering Research Laboratory for pavement management. Data from the 1998-1999 FDOT SAPMP update, which was built upon the initial 1992-1993 implementation of AIRPAV, was reviewed and converted to be compatible with the MicroPAVER™ system. This data conversion included all documented pavement facilities, classifications, types, histories, geometries, PCI condition data and pertinent attributes gathered from airport feedback at the time. This information was used to develop the inventory of each participating airport's pavement facilities in a consistent format. This was the development of Airfield Pavement Network Definition Exhibits. These inventory exhibits visually depicted the branch, section, and sample units that were based upon the pavement construction history and composition information provided by each airport.

In the 2006-2008 system update, the SAPMP was updated again with continued use of the MicroPAVER™ system. Based on the distress data collected, a maintenance repair and major rehabilitation planning program was developed for each airport. As part of this SAPMP update, the procedures for the inspection and the collection of the pavement distress data were documented, and an interactive website (<http://www.dot.state.fl.us/aviation/pavement.shtm>) was established for input of data.

In the 2010-2012 system update, the SAPMP was updated using new global positioning system (GPS) integrated technology to digitally collect pavement distress data. Interactive geographic information system (GIS) map files were developed from updated Airfield Pavement Network Definition Exhibits to aid pavement condition inspectors in the collection of sample distress data. The data collected was utilized to develop pavement performance models to predict future pavement PCI values and make recommendations for major rehabilitation.

In the 2013-2015 system update, the SAPMP integrated PAVER™ and FieldInspector™ with the use of GPS and GIS capable field tablets. Furthermore, the update included continued adherence to the ASTM **D5340-12 "Standard Test Method for Airport Pavement Condition Index Surveys."** The ASTM update consisted of refinement of distress definition types and deduction values for select asphalt concrete and Portland Cement Concrete distresses.



1.6 Federal Aviation Administration (FAA)

Currently, airports participating in the Airport Improvement Program (AIP) Grant Program are required by the FAA to develop and implement a pavement maintenance program to be eligible for funding (FAA Advisory Circular **150/5380-6C “Guidelines and Procedures for Maintenance of Airport Pavements”** and **150/5380-7B “Airport Pavement Management Program (PMP)”**). This program requires detailed inspection of airfield pavement conditions by trained personnel. The inspections are required to be performed at least once a year using the PASER method or every three years if the pavement is inspected as defined by the PCI survey procedure in accordance with the ASTM **D5340-12 “Standard Test Method for Airport Pavement Condition Index Surveys.”**

In general, adherence to the Advisory Circulars are mandatory for all projects funded with federal grant monies through the AIP program and with revenue from the Passenger Facilities Charges (PFC) Program. Further information is detailed in FAA Grant Assurance No. 11 “Pavement Maintenance,” No. 34 “Policies, Standards, and Specifications,” and PFC Assurance No. 9 “Standards and Specifications.”

1.7 FDOT SAPMP Objectives and Components

The FDOT SAPMP is a program that provides the FAS support in implementing and/or maintaining a network-level Pavement Management Program in a consistent and regularly scheduled manner.

In accordance with FAA AC **150/5380-7B “Airport Pavement Management Program (PMP)”** an effective Pavement Management Program consists of a system that achieves specific objectives. The FDOT SAPMP objectives are as follows:

1.7.1 Program Objectives

- 1 A systematic means for collecting and storing information regarding existing pavement structure and condition.
- 2 An objective and repeatable system for evaluating pavement condition.
- 3 Procedures for predicting future pavement condition.
- 4 Procedures for modeling both past and future pavement performance conditions.
- 5 Procedures to determine the budget requirements to meet management objectives, such as the maintenance, repair, and major rehabilitation budget required to keep a pavement at a specified PCI level or the budget required to improve to target PCI level.
- 6 Procedures for formulating and prioritizing maintenance, repair, and major rehabilitation projects.

The objectives are accomplished by the following components:

1.7.2 Program Components

- A. Database
- B. Pavement Inventory
- C. Pavement Structure
- D. Pavement Work History
- E. Pavement Condition Data

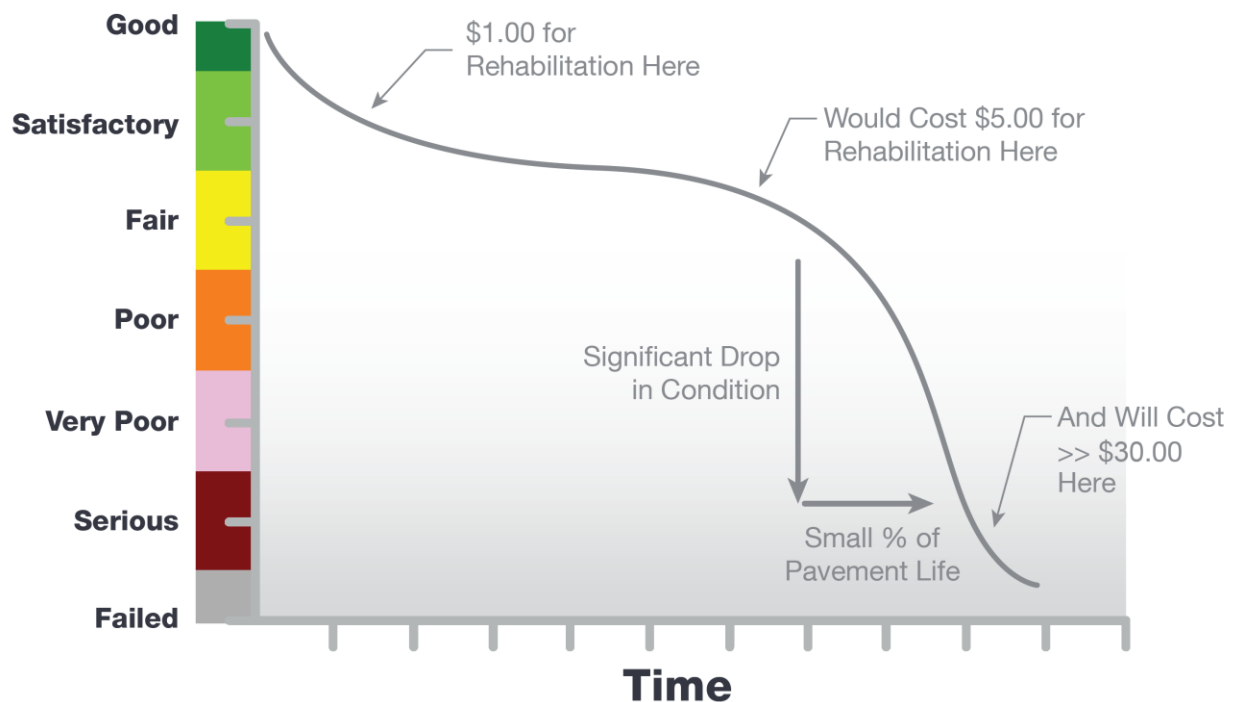


F. Pavement Performance Modeling for the Prediction/Forecast of PCI

G. Maintenance, Repair, and Major Rehabilitation Policies and Budget Simulation

A well-maintained network-level pavement management program may provide airport staff a better understanding of the airfield pavement performance for developing and planning for specific maintenance, repair, and major rehabilitation projects. The understanding of specific distress types and severities will assist the airport in addressing pavement maintenance and repair with the appropriate treatments as defined by the FAA Advisory Circular **150/5380-6C “Guidelines and Procedures for Maintenance of Airport Pavements.”** The development of projects with an understanding of system inventory, deterioration details, and pavement condition forecasts may assist airport staff in developing practical rehabilitation actions and budgets. Furthermore, the understanding of pavements’ past performance and forecasted condition may assist airport staff in addressing pavement rehabilitation in a timely and cost-effective manner. **Figure 1.7-1 Typical Pavement Condition Life Cycle**, which is based on the FAA Advisory Circular **150/5380-7B “Airport Pavement Management Program (PMP).”** **Figure 1.7-1 Typical Pavement Condition Life Cycle**, depicts a general duration of a pavement section and identifies the ideal condition to perform rehabilitative treatments at an optimal cost rather than allowing significant increase in rate of deterioration that would result in increased costs.

Figure 1.7-1 Typical Pavement Condition Life Cycle



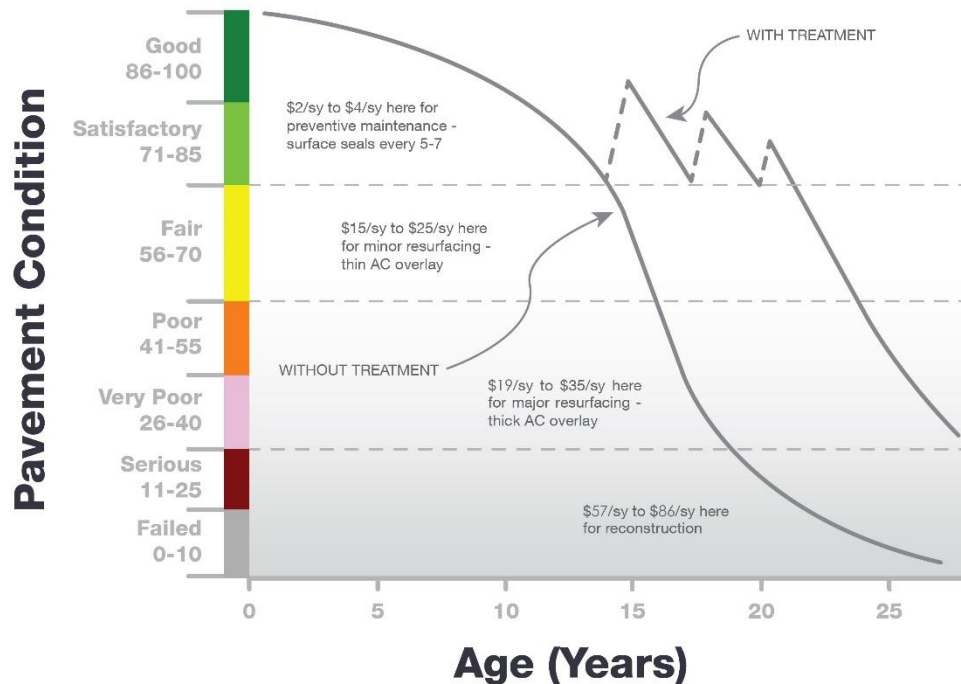
**Figure is for conceptual purposes only – unit costs are not specific to airfield pavements (AC vs PCC).*

Figure 1.7-2 General Pavement Treatments by Condition Range depicts generic flexible asphalt concrete (AC) pavement treatments that are effective at specific condition ranges. This graphic is a general concept and will vary based on pavement surface type and overall



composition. The intent is to convey various treatment types that would be effective based on the condition of the pavement along the deterioration model.

Figure 1.7-2 General Pavement Treatments by Condition Range



Pavement maintenance, repair, and major rehabilitation would be quite anticipatory if all pavements behaved as depicted in **Figures 1.7-1 and 1.7-2**, however pavement condition performance vary significantly based on several factors. Factors that contribute to a pavement section's condition and deterioration performance may include: functional design life, material type, material construction quality, climatic conditions, aircraft loading type and frequency, non-aircraft loading type and frequency, maintenance history, subgrade conditions, and other infrastructure in the vicinity. The list of factors is not all-inclusive of all factors that may contribute to a pavement's life cycle, it is intended to clarify that unique conditions certainly will affect a pavement's deterioration.

Figures 1.7-3 and Figure 1.7-4 depict visual conditions of pavement facilities, for both AC and PCC respectively, with approximated PCI ranges and corresponding repair and rehabilitation measures.



Figure 1.7-3 Flexible Asphalt Concrete









	PCI Range	Representative PCI	Representative Pavement Surface	Rehabilitation Activities
Routine Maintenance	86-100	90		Pavements with PCI values above 85, or 'Good', may require periodic joint/crack sealing and local patching.
Pavement Preservation	65-85	70		Pavements with PCI conditions ranging from 'Fair' to 'Satisfactory' may require surface treatments (seal coat), thin overlays, and/or joint/crack sealing.
Major Rehabilitation	40-64	50		Pavements that have deteriorated below a PCI 65, or within the range of 'Very Poor' to 'Fair' conditions, may require major rehabilitation such as pavement mill and overlay or partial full-depth reconstruction.
Major Reconstruction	0-39	15		Pavements that have deteriorated below a PCI 40, or within the range of 'Failed' to 'Very Poor' conditions, may require major reconstruction.

Figure 1.7-4 Rigid Portland Cement Concrete

	PCI Range	Representative PCI	Representative Pavement Surface	Rehabilitation Activities
Routine Maintenance	86-100	90		Pavements with PCI values above 85, or 'Good', may require periodic joint/crack sealing and local patching.
Pavement Preservation	65-85	70		Pavements with PCI conditions ranging from 'Fair' to 'Satisfactory' may require patches and/or joint/crack sealing.
Major Rehabilitation	40-64	50		Pavements that have deteriorated below a PCI 65, or within the range of 'Very Poor' to 'Fair' conditions may require major rehabilitation such as slab replacement and PCC restoration activity.
Major Reconstruction	0-39	15		Pavements that have deteriorated below a PCI 40, or within the range of 'Failed' to 'Very Poor' conditions, may require major reconstruction.

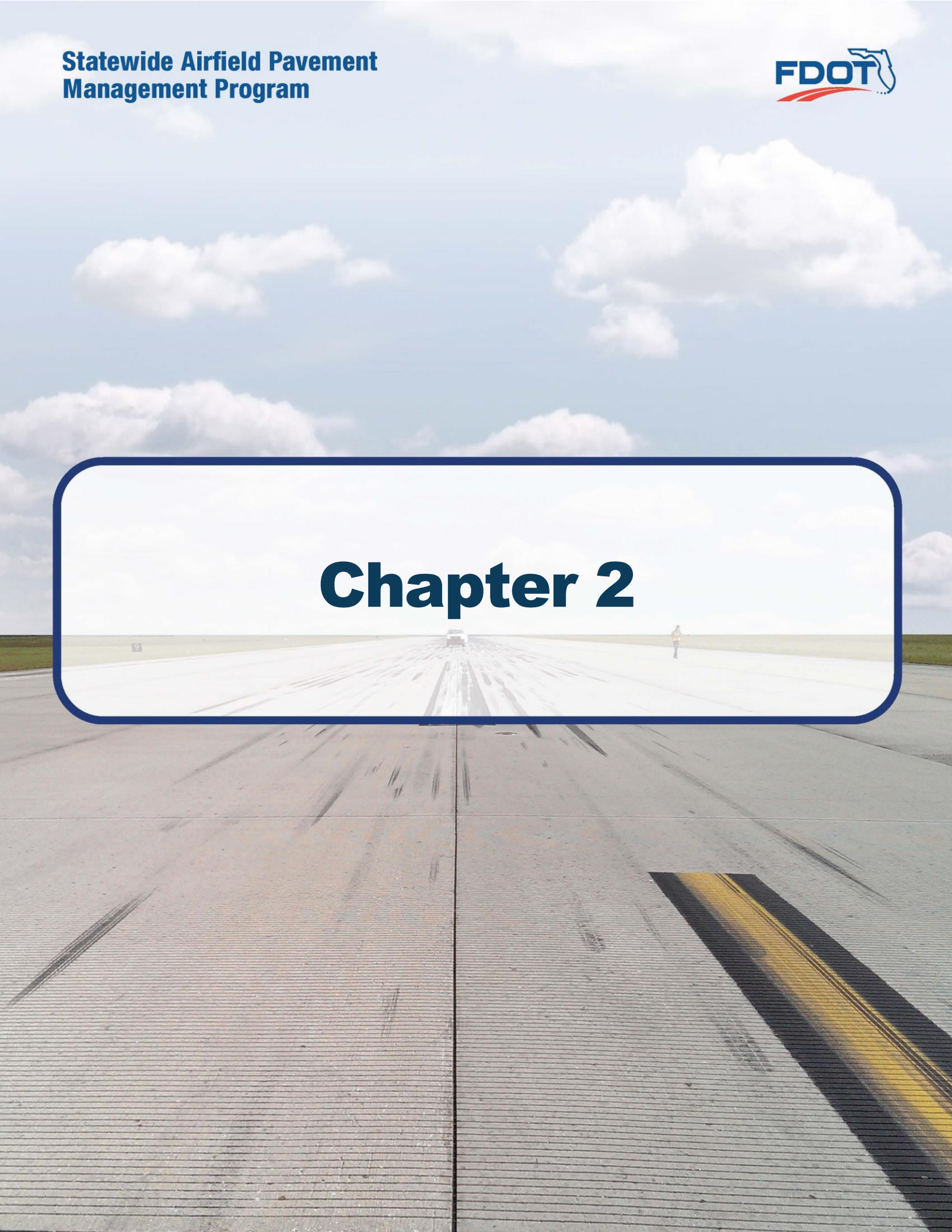


1.8 References

The following reference documents were referenced as specific guidelines and procedures for maintaining airport pavements; establishing an effective pavement maintenance program; and identifying specific pavement distresses, probable causes of distresses, inspection guidelines, and recommended methods of repair:

- ASTM D5340-12 “Standard Test Method for Airport Pavement Condition Index Surveys.”
- FAA Advisory Circular 150/5380-7B 150/5380-7B “Airport Pavement Management Program.”
- FAA Advisory Circular 150/5380-6C “Guidelines and Procedures for Maintenance of Airport Pavements.”
- FAA Advisory Circular 150/5320-6F “Airport Pavement Design and Evaluation.”
- Department of the Air Force, Air Force Civil Engineer Center “Engineering Technical Letter (ETL) 14-3: Preventive Maintenance Plan (PMP) for Airfield Pavements.”
- Unified Facilities Criteria (UFC) 3-260-16FA 16 “Airfield Pavement Condition Survey Procedures Pavements.”
- Unified Facilities Criteria (UFC) 3-260-03 “Airfield Pavement Evaluation.”
- Pavement Management for Airports, Roads, and Parking Lots 2nd Edition, M.Y. Shahin.

Chapter 2





Chapter 2 – Methodology

An effective pavement management program incorporates the regular collection of pavement condition information and communication of information to appropriate sponsors. This chapter of the report defines the specific methods utilized as part of the SAPMP System Update to meet the requirements of an effective pavement management system as defined by the FAA Advisory Circular **150/5380-7B “Airport Pavement Management Program (PMP).”**

2.1 Airfield Pavement Database

The SAPMP program has historically utilized PAVER™ (formerly MicroPAVER™); the current update has maintained the use of the PAVER™ 7.0 version of the software. The PAVER™ software application was developed by the U.S. Army Construction Engineering Research Laboratory sponsored by the FAA, Federal Highway Administration, U.S. Army, U.S. Air Force, and the U.S. Navy to meet the objectives of an effective pavement management system. The SAPMP consists of a network-level database of the airport's airfield pavement facilities that are part of the program. PAVER™ can achieve the following pavement management objectives: a manageable inventory system, the analysis of the current condition of pavements in accordance with the ASTM D5340, the development of pavement performance models to forecast conditions, and the development of maintenance, repair, and major rehabilitation recommendations based on budgetary scenarios.

PAVER™ inventory management is based on a tiered organizational structure that consists of networks, branches, and sections, with the section being the smallest unit of management. Critical elements of an effective pavement management program are maintained within the network-level PAVER™ database. These elements typically consist of pavement inventory characteristics, pavement structure, work history, historic condition records, and analytical customization.

The SAPMP System Update consisted of the conversion of the previous database from a PAVER™ version 6.5 to a version 7.0.

2.2 Airfield Pavement System Inventory

An airfield pavement system inventory typically maintains the location of all runways, taxiways, and aprons; geometric characteristics; type of pavement structure, year of construction and/or last major rehabilitation; and general composition details of the pavement.

The pavement inventory for an airport's airfield is an assembly of pavement infrastructure information that builds an inventory of branches and sections that codifies the airport's airfield pavement network. General geometry characteristics, estimated length, width, functional classification, pavement surface type, and operational function are among the characteristics identified at this initial phase in the pavement management process. The development of a pavement inventory that reasonably reflects the airport's airfield pavement facilities that are maintained by the airport provides a defined scope of the inspection and analysis efforts. As in the past, the SAPMP scope of work is specific to the airport-maintained airfield pavements as defined in the field network definition exhibits presented to current airport personnel.



A critical input to the pavement system inventory and network definition in the development of the SAPMP update is the date of last major rehabilitation/construction performed on the pavement assets that would set the asset at a PCI of 100 and a condition rating of Good. The airport provided a limited combination of record drawings, reports, and staff input that was pertinent information in developing the construction history of the airport's pavements from inception. Major rehabilitation/construction activities performed in the last 24-months or anticipated in the next 24-months are assumed to restore the PCI to 100. These activities include; pavement overlay, mill and replace, mill and overlay, new construction, and/or complete reconstruction.

Aerial imagery was obtained through the FDOT Surveying & Mapping Office's *Aerial Photo Look Up System (APLUS)*. This spatially projected imagery was utilized with computer-aided drafting software (AutoCAD) in concert with geographical information system software (ArcGIS) to develop a planning-level representative model that reasonably reflects the pavement assets at the airport.

2.2.1 Pavement Management Program Network Definition Terminology

There are several terms that are common in the communication of the results of the SAPMP System Update, these terms are defined as follows:

Pavement Network

A pavement network is a logical unit for organizing pavements into a structure for pavement management. A network will typically consist of one or more pavement *branches*, which are typically comprised of one or many pavement *sections*. The network is the starting point of the hierarchy of pavement management organization. For example, a network can be all the pavements within an airport's airfield or all the pavements in a statewide program. For the FDOT SAPMP, a network represents an individual airport's airfield pavement facilities maintained by the airport.

The SAPMP System Update consists of research and evaluation of existing record documentation for the participating airports' airfield facilities. The pavement network is typically limited to the pavement facilities subject to aircraft use that is also maintained by the airport owner and eligible for public funding.

Pavement Branch

A pavement branch, also known as a facility, is a logical unit of generally identifiable pavement of a network with distinct functional classification. For example, within an airfield each runway, taxiway, or apron is considered a branch. A branch must consist of at least one section.

Pavement Section

A pavement section, also known as a feature, is the most specific management unit when considering the application and selection of maintenance, repair, and/or major rehabilitation treatments on an area of pavement within a branch. Each branch consists of at least one section, but may consist of more if pavement feature characteristics are distinct throughout the branch. Characteristics considered when subdividing branches into sections include, but are not limited to: pavement structure, type, age, condition, and function; traffic composition and frequency (current and future); geometric location; construction history; and other related



infrastructure features (e.g. drainage). A pavement section is defined as a subordinate of a pavement branch, which is a subordinate of a “parent” pavement network.

Pavement Sample Unit

A pavement sample unit is a subdivision of a pavement section that has a standard size range: twenty (20) continuous slabs (± 8 slabs) for Portland Cement Concrete (PCC) pavement and 5,000 contiguous square feet ($\pm 2,000$ ft²) for flexible asphalt concrete (AC) or porous friction course pavements.

Table 2.2.1 Airfield Pavement Database Network Definition Terminology

PMS Network Level	Common Definition	Airport Example
Network	Overall pavement assets maintained by the Airport	“Tallahassee International Airport – Airfield Pavements”
Branch Name	Commonly defined asset name as established by Airport and by use	“Runway 18-36”
Branch ID	Codified shorthand name for commonly defined asset established for database identification	“RW 18-36” RW, Branch Use, “Runway” 18-36, Runway Facility
Section ID	Codified identification for pavement asset that is distinct by the following: <ul style="list-style-type: none"> • Pavement Composition • Construction Work History • Aircraft Traffic • Condition Records 	“6105”
Sample Unit	A numeric identification of an area of pavement (5,000 \pm 2,000 SF of AC or 20 \pm 8 slabs of PCC) that has been inspected in accordance with ASTM D5340-12.	“300”



2.3 Airfield Pavement Structure

2.3.1 Pavement Structure Types

Airport airfield pavements are constructed to provide adequate support for the loads imposed by aircraft and produce a firm, stable, smooth, all-year, all-weather surface free of debris or other particles that may be blown or dislocated by propeller wash or jet blast. Typical pavement planning and design requires coordination of factors that include but are not limited to; subgrade conditions, material layer types, aircraft fleet mix (type, frequency, and traffic growth), and functional use. A pavement structure is composed of constructed layers that consist of subgrade, subbase, base course, structural courses, and surfaces courses. For the FDOT SAPMP, two major pavement structure types are classified for evaluation and analysis: Flexible Asphalt Concrete Surface and Rigid Portland Cement Concrete Surface. Additionally, Composite Structures known as Whitetopping Pavements are also present at limited airports within the Florida Airports System; these unique pavement structures are evaluated separately.

Flexible Asphalt Concrete Surface

A pavement comprised of aggregate mixture with an asphalt cement binder. The FDOT SAPMP consists of three (3) asphalt concrete surface types: Asphalt Concrete (AC), Asphalt Concrete Overlaid on Asphalt Concrete (AAC), and Asphalt Concrete Overlaid on Portland Cement Concrete (APC).

Asphalt Concrete (AC)

A flexible pavement section consisting of aggregate mixture with asphalt cement binder layered on engineered base course material that is layered on subbase and subgrade soil material.

Asphalt Concrete Overlaid on Asphalt Concrete (AAC)

A flexible pavement section consisting of aggregate mixture with asphalt cement binder layered on an existing flexible AC pavement section. Flexible airfield pavement sections are AAC when a pavement rehabilitation consists of a pavement milling operation and a resurfacing of asphalt layers; or a direct overlay of asphalt concrete without surface preparation.

Asphalt Concrete Overlaid on Portland Cement Concrete (APC)

A flexible pavement section consisting of aggregate mixture with asphalt cement binder layered on an existing Rigid PCC pavement section. This unique pavement composition may result in distinct pavement distress manifestations known as reflective joint cracking.



Rigid Portland Cement Concrete Surface

A pavement comprised of aggregate mixture with a Portland Cement binder. The FDOT SAPMP recognizes Portland Cement Concrete (PCC) as the primary rigid pavement section.

Portland Cement Concrete (PCC)

A rigid pavement section composed of Portland cement concrete placed on a granular or treated base course that is supported on a compacted subgrade. The concrete surface must provide a texture of nonskid qualities, prevent the infiltration of surface water into the subgrade, and provide structural support to the airplanes. Rigid pavement construction requires the layout of appropriately designed joint spacing.

Composite Structure – Whitetopping Pavement

A composite pavement comprised of relatively thin Portland Cement Concrete overlaid on an existing flexible asphalt concrete pavement structure. There are three (3) types of Whitetopping Pavements; Conventional (WHT), Thin (TWT), and Ultra-Thin (UTW).

Conventional Whitetopping (WHT)

A composite pavement structure consisting of a modified PCC overlaid on an existing flexible AC pavement section area. The modified PCC layer is typically greater than 6-inches in thickness.

Thin Whitetopping (TWT)

A composite pavement structure consisting of a modified PCC overlaid on an existing flexible asphalt concrete pavement section. The modified PCC layer is typically between 4 and 6 inches in thickness.

Ultra-Thin Whitetopping (UTW)

A composite pavement structure consisting of a modified PCC overlaid on an existing flexible asphalt concrete pavement section. The Portland Cement Concrete layer is typically between 2 and 4 inches in thickness.



2.4 Airfield Pavement Work History

2.4.1 Airfield Pavement Record Keeping

It is strongly recommended that airports maintain records of all airfield construction and maintenance related to the pavement facilities. A history of all maintenance and repair performed and its associated costs (construction and soft costs) can provide valuable information on the effectiveness of various treatments on pavements. An airport should maintain detailed records of maintenance (routine, emergency, and proactive) activities. The records should consist of the following:

1. Location and Limits of Work.
2. Types and Severity of Distresses Repaired.
3. Type of Work.
4. Cost of Work.
5. Supporting Documents (contract documents, construction drawings, specifications, bid tabulations, repair product, photograph records, etc.).

2.5 Airfield Pavement Traffic

A pavement section is typically designed to meet the needs of the user (airlines, air cargo, general aviation, and/or military) in providing a safe, smooth, operational surface. Pavement deterioration generally occurs gradually through increased roughness and/or fatigue cracking caused by successive and heavy aircraft traffic.

This study does not consist of a study or analysis of each individual airport's airfield aircraft fleet mix or traffic operations. However, it is strongly recommended that airports incorporate the requirements of FAA Advisory Circular **150/5320-6F Airport Pavement Design and Evaluation** when developing design-level rehabilitation activities. The AC provides guidance on incorporation of aircraft traffic fleet mix data.

2.6 Airfield Pavement Condition Index (PCI) Survey

2.6.1 PCI Survey Methodology

In adherence to the FAA Advisory Circular **150/5380-7B "Airport Pavement Management Program (PMP),"** the FDOT SAPMP utilizes the PCI Survey Method of inspection to collect pavement distress data and analyze the condition. The PCI Survey Inspection procedure is a visual statistical sampling of pavements for recording primary distress types (e.g. cracking and deformation), associated severities, and quantities as defined by the ASTM D5340-12. This effort is the primary means of obtaining and recording pavement distress data. The survey inspection consists primarily of visual inspection of pavement surfaces for signs of distress and deterioration resulting from loading (aircraft) and environmental influences.

A visual pavement condition survey provides an indication of the cause and rate of deterioration of a pavement section from a functional point of view and can be an indicator of structural distress. The functional condition analysis assesses the rating of the operational surface. A visual PCI Survey Inspection does not predict the remaining structural life of a pavement section, or its ability to support loads. The functional condition determined by the PCI method



can provide a cost-effective means to plan for pavement rehabilitation projects. The timely application of pavement rehabilitation may lead to the extension of functional life of individual pavement sections. This method varies from structural evaluation; functional condition is limited to visually observed distresses and indicative modes of pavement deterioration. A formal structural evaluation analyzes subsurface conditions, material characteristics, and qualitative pavement structure attributes. A structural evaluation may consist of; subsurface geotechnical exploration, falling weight deflectometer testing, petrographic testing, material coring, and/or flexural testing.



2.6.2 Pavement Distress Types

For each section, the severity and quantity of defined distresses are recorded and then analyzed in accordance with the ASTM D5340-12 standard. The standard identifies 17 distinct flexible asphalt concrete distress types and 16 distinct rigid Portland Cement Concrete distress types.

Table 2.6.2-1 (a) Pavement Distress Types – Flexible Asphalt Concrete-Surfaced Airfields

Distress	Common Distress Mechanisms
Alligator Cracking	Load / Fatigue
Bleeding	Construction Quality/ Mix Design
Block Cracking	Climate / Age
Corrugation	Load / Construction Quality
Depression	Load / Subsurface
Jet Blast	Aircraft
Joint Reflection - Cracking	Climate / Subsurface Pavement / Traffic Load
Longitudinal/Transverse Cracking	Climate / Construction Quality
Oil Spillage	Aircraft / Vehicle
Patching	Utility / Pavement Repair / Age
Polished Aggregate	Repeated Traffic Loading
Raveling	Climate / Age
Rutting	Load / Fatigue
Shoving	PCC Pavement Growth / Movement
Slippage Cracking	Load / Pavement Bond / Mix Design
Swelling	Climate / Subsurface
Weathering	Climate / Age



Table 2.6.2-1 (b) Pavement Distresses Possible Causes – Flexible Asphalt Concrete-Surfaced Airfields

Classification by Possible Causes			
Load	Climate / Durability	Moisture / Drainage	Others
<ul style="list-style-type: none"> Alligator Cracking Corrugation Depression Patching of Load-based distress Polished Aggregate Rutting Slippage Cracking 	<ul style="list-style-type: none"> Bleeding Block Cracking Joint Reflection Cracking L/T Cracking Patching of climate / durability-caused distresses Shoving from PCC Raveling Weathering Swelling 	<ul style="list-style-type: none"> Alligator Cracking Depression Patching of moisture / drainage caused distress Swelling Raveling Weathering 	<ul style="list-style-type: none"> Oil Spillage Jet Blast Erosion Polished Aggregate

Table 2.6.2-1 (c) Pavement Distresses Possible Effects – Flexible Asphalt Concrete-Surfaced Airfields

Classification by Possible Effects			
Roughness	Skid / Hydroplaning Potential	FOD Potential	Rate of Deterioration and Maintenance Requirements
<ul style="list-style-type: none"> Corrugation Depression Rutting Shoving of asphalt pavement Swelling Raveling Weathering 	<ul style="list-style-type: none"> Bleeding Depression Polished Aggregate Rutting 	<ul style="list-style-type: none"> Block Cracking Joint Reflection Cracking L/T Cracking Slippage Cracking 	<ul style="list-style-type: none"> All Distresses



Table 2.6.2-2 (a) Pavement Distresses – Rigid Portland Cement Concrete-Surfaced Airfields

Distress	Common Distress Mechanisms
Blowup	Climate / ASR
Corner Break	Load Repetition / Curling Stresses
Linear Cracking	Load Repetition / Curling Stresses / Shrinkage Stresses
Durability Cracking	Freeze-Thaw Cycling
Joint Seal Damage	Material Deterioration / Construction Quality / Age
Small Patch	Pavement Repair
Large Patch/Utility Cut	Utility / Pavement Repair
Popout	Freeze-Thaw Cycling / ASR / Material Quality
Pumping	Load Repetition / Poor Joint Sealant
Scaling	Construction Quality / Freeze-Thaw Cycling
Faulting	Subgrade Quality / ASR / Inadequate Load Transfer
Shattered Slab	Overloading
Shrinkage Cracking	Construction Quality / Climate
Joint Spalling	Load Repetition / Infiltration of Incompressible Material / Deterioration of Dowel (Load Transfer) Bars
Corner Spalling	Load Repetition / Infiltration of Incompressible Material / Deterioration of Dowel (Load Transfer) Bars
Alkali-Silica Reaction (ASR)	Construction Quality / Climate / Chemical Reaction



Table 2.6.2-2 (b) Pavement Distresses Possible Causes – Rigid Portland Cement Concrete-Surfaced Airfields

Classification by Possible Causes			
Load	Climate / Durability	Moisture / Drainage	Others
<ul style="list-style-type: none"> • Corner Break • Shattered Slab • L/T/D Cracking • Pumping • Patching of Load-associated distress • Spalling 	<ul style="list-style-type: none"> • Blowup • "D" Cracking • Joint Seal Damage • Popouts • Scaling • Patch of Climate/Durability-associated distress • Shrinkage Cracking • Spalling • L/T/D Cracking 	<ul style="list-style-type: none"> • Corner Break • Shattered Slab • Pumping • Patching of Moisture/Drainage-associated distress 	<ul style="list-style-type: none"> • Settlement / Faulting

Table 2.6.2-2 (c) Pavement Distresses Possible Effects – Rigid Portland Cement Concrete-Surfaced Airfields

Classification by Possible Effects			
Roughness	Skid / Hydroplaning Potential	FOD Potential	Rate of Deterioration and Maintenance Requirements
<ul style="list-style-type: none"> • Blowup • Corner Break • L/T/D Cracking • Shattered Slab • Settlement / Faulting • Spalling 	<ul style="list-style-type: none"> • Settlement / Faulting • Spalling 	<ul style="list-style-type: none"> • Corner Break • L/T/D Cracking • "D" Cracking • Joint Seal Damage • Shattered Slab • Popouts • Scaling 	<ul style="list-style-type: none"> • All distresses



2.6.3 PCI Survey Inspection Procedures

Inspection Sampling Rate

The FDOT SAPMP performs PCI Survey Inspections on sample units defined in the previous update. The sample units are subject to change at the discretion of the inspection personnel and/or to major pavement rehabilitation treatments. Furthermore, access to the sample units based on accessibility or impacts to operations may affect the overall sampling rate effort at each airport. The following **Tables 2.6.3 (a) and (b)** define the sampling criteria used by the FDOT SAPMP. A higher sampling rate may be utilized to achieve a greater statistical confidence should the airport have the available resources to perform PCI Survey Inspections independent of the FDOT SAPMP.

Table 2.6.3 (a) Recommended Sample Rate Schedule for Flexible Asphalt Concrete

Number of Total Sample Units in Section	Sample Units to Inspect	
	Runways	Taxiways, Aprons, and Others
1 - 4	1	1
5 - 10	2	1
11 - 15	3	2
16 - 30	5	3
31 - 40	7	4
41 - 50	8	5
51 or more	20% but ≤ 20	10% but ≤ 10

Table 2.6.3 (b) Recommended Sample Rate Schedule for Rigid Portland Cement Concrete

Number of Total Sample Units in Section	Sample Units to Inspect	
	Runways	Taxiways, Aprons, and Others
1 - 3	1	1
4 - 6	2	1
7 - 10	3	2
11 - 15	4	2
16 - 20	5	3
21 - 30	7	3
31 - 40	8	4
41 - 50	10	5
51 or more	20% but ≤ 20	10% but ≤ 10



2.6.4 Updates to the ASTM D5340-12

Airfield pavement distresses and conditions were surveyed in accordance with the methods outlined in FAA Advisory Circular 150/5380-6C and ASTM D5340-12. These procedures define distress type, severity, and quantity for sampling areas within each defined pavement section area to analyze and determine the PCI value and condition rating. During the 2013-2015 System Update, the incorporation of the significant changes to the ASTM D5340 (version D5340-12) resulted in an adjusted pavement condition indices on pavement sections subject to the distress types updated. Furthermore, the revision of the PCI deduction curves and the separation of distress types from the original, such as Weathering and Raveling, have in select cases increased the PCI value of the section without any rehabilitation performed.

Flexible Asphalt Concrete Pavement Distress Updates

The previous methodology which featured “(52) Weathering and Raveling” distress has been separated into two distresses “(52) Raveling” and “(57) Weathering.” Previously, areas that were recorded as “Weathering and Raveling” were considered as one distress with a high deduction. Based on the updated methodology, in certain situations where “Weathering” only exists and does not meet the definition of “Raveling,” the PCI deduction is not as high as the former “Weathering and Raveling.” Therefore, areas identified only as “(57) Weathering” based on current ASTM standards, which were previously identified as “(52) Weathering and Raveling,” may be subject to an improvement in PCI. In instances where pavement PCI has increased due to this update, it is not due to an improvement in actual condition, however indicative of the adjusted distress deterioration effects.

Rigid Portland Cement Concrete Pavement Distress Updates

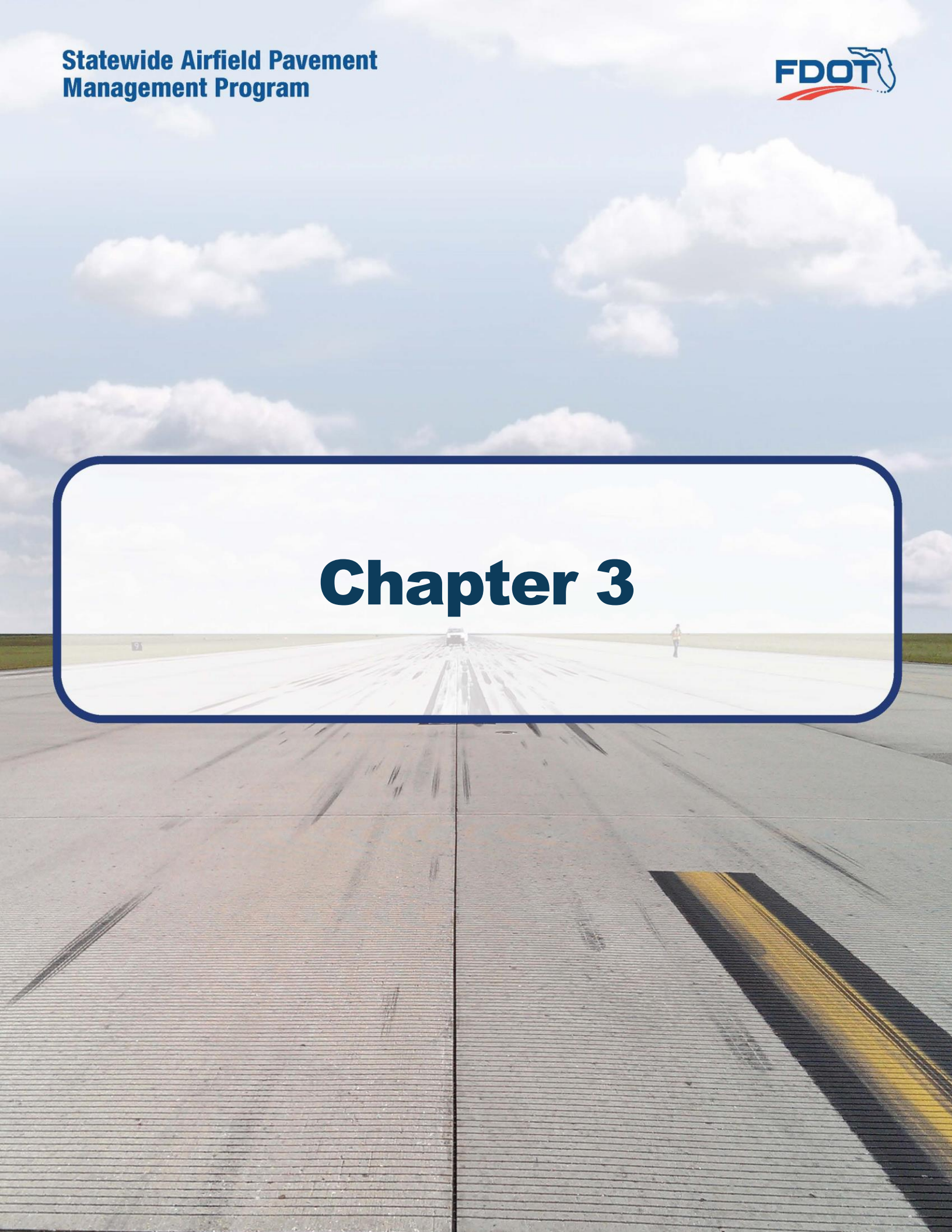
The previous methodology defined “(70) Scaling” as a distress that consisted of surface deterioration caused by construction defects, material defects, and environmental factors. The distress included *Alkali-Silica Reaction*, also known as ASR. The current methodology has separated Alkali-Silica Reaction as a distress identified as “(76) Alkali-Silica Reaction / ASR.” As a result the previous “(70) Scaling” numerical deduction contribution to the PCI has been reduced. Previous inspections that recorded “(70) Scaling,” and currently do not exhibit “(76) Alkali-Silica Reactivity / ASR” may potentially see an increase in PCI. Additionally, “(73) Shrinkage Cracks” has been redefined as “(73) Shrinkage Cracking”. Shrinkage Cracking is characterized in two forms; drying shrinkage and plastic shrinkage. Drying shrinkage occurs over time as moisture leaves the pavement, it develops when hardened pavement continues to shrink as excess water not needed for cement hydration evaporates. It forms when subsurface resistance to the shrinkage is present and may extend through the entire depth of the slab. Plastic shrinkage develops when there is rapid loss of water in the surface of recently placed pavement or can form from over finishing/overworking of the pavement during construction. These shrinkage cracks appear as a series of inter-connected hairline cracks, or pattern cracking, and are often observed throughout the majority of the slab surface. This condition is also referred to as map cracking or crazing.



Table 2.6.4 Summary of Updates to ASTM D5340-12

Distress Updates to Reflect ASTM 5340-12				
Use and Surface Type	Updated Distress	Former Distress in Prior to 5340-10	Deduction Curve	Potential Effect
AC/AAC/APC Airfield	(52) Raveling - Low	(52) Weathering and Raveling - Low	No Change	N/A
	(52) Raveling - Medium	(52) Weathering and Raveling - Medium	No Change	N/A
	(52) Raveling - High	(52) Weathering and Raveling - High	No Change	N/A
	(57) Weathering - Low	N/A – was part of 'Weathering and Raveling'	New	Increase in PCI with no maintenance
	(57) Weathering - Medium	N/A – was part of 'Weathering and Raveling'	New	Increase in PCI with no maintenance
	(57) Weathering - High	N/A – was part of 'Weathering and Raveling'	New	Increase in PCI with no maintenance
PCC Airfield	(70) Scaling - Low	(70) Scaling, Map Cracking, and Cracking - Low	New	Increase in PCI with no maintenance
	(70) Scaling - Medium	(70) Scaling, Map Cracking, and Cracking - Medium	New	Increase in PCI with no maintenance
	(70) Scaling - High	(70) Scaling, Map Cracking, and Cracking - High	New	Increase in PCI with no maintenance
	(76) Alkali Silica Reaction – Low	N/A – was part of 'Scaling, Map Cracking, and Cracking'	New	Increase in PCI with no maintenance
	(76) Alkali Silica Reaction – Medium	N/A – was part of 'Scaling, Map Cracking, and Cracking'	New	Increase in PCI with no maintenance
	(76) Alkali Silica Reaction – High	N/A – was part of 'Scaling, Map Cracking, and Cracking'	New	Increase in PCI with no maintenance
	(73) Shrinkage Cracking	(73) Shrinkage Cracking	No Change	Prior distress types identified as 'Scaling, Map Cracking, and Cracking' may now be identified as 'Shrinkage Cracking'

Chapter 3





Chapter 3 – Airfield Pavement System Inventory

A significant element of an effective airfield pavement management system is the appropriate record keeping of changes due to construction or operational use of the pavement facilities. This chapter discusses the inventory data collected from the airport and summarizes network-level characteristics of the airport's airfield pavements. At the start of each FDOT SAPMP System Update, all airports are asked to review the existing Airfield Pavement Network Definition exhibit for accuracy. Furthermore, participating airports are asked to provide documentation for any recent or anticipated construction related to their airfield pavements.

3.1 Airfield Pavement Network Information

3.1.1 Previous and/or Anticipated Airfield Pavement Construction

Based on information provided by the airport, the following **Table 3.1.1** summarizes the airfield pavement construction projects that have been incorporated into the SAPMP database system since the 2013-2015 System Update. **Figure 3.1.1-1** and **Figure 3.1.1-2** provides an inset view of the 2017 Airfield Pavement Network Definition Exhibit and the 2017 Airfield Pavement System Inventory Exhibits that depict the updated network details for the airport reflected in the PAVER Database. Large format exhibits are referenced in **Appendix C Technical Exhibits**.

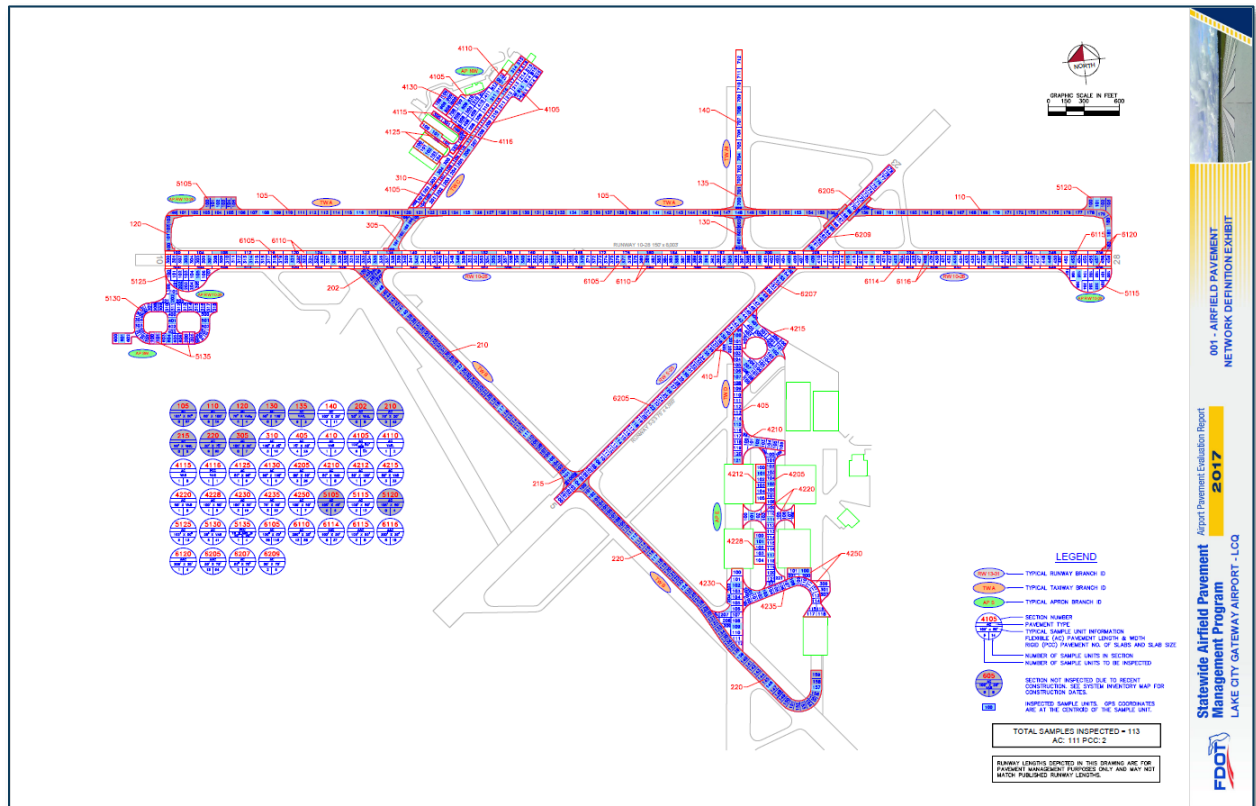
Table 3.1.1 Previous and/or Anticipated Airfield Pavement Construction

Year	General Work Description
2013	AP NW - New Construction
2016	AP RW 10-28 - New Construction: 4" P-401, 8" P-211, 12" P-160
	TW A - New Construction: 4" P-401, 8" P-211, 12" P-160
	TW A - Reconstruction: 4" P-401, 8" P-211, 12" P-160
	TW A1 - Reconstruction: 4" P-401, 8" P-211, 12" P-160
	TW C - Reconstruction: 4" P-401, 8" P-211, 12" P-160
2017	TW B - Reconstruction: 4" P-401, 8" P-211, 12" P-160

The airport provided a limited combination of record drawings, reports, and staff input that was pertinent information in developing the construction history of the airport's pavements from inception. Major rehabilitation/construction activities performed in the last 24-months or anticipated in the next 24-months are assumed to restore the PCI to 100. These activities include: pavement overlay, mill and replace, mill and overlay, new construction, and/or complete reconstruction. These pavements were not formally subject to a PCI Survey and actual conditions may vary. Furthermore, any localized maintenance or repair performed that would improve the PCI will be considered in the condition analysis, if performed within inspection areas.



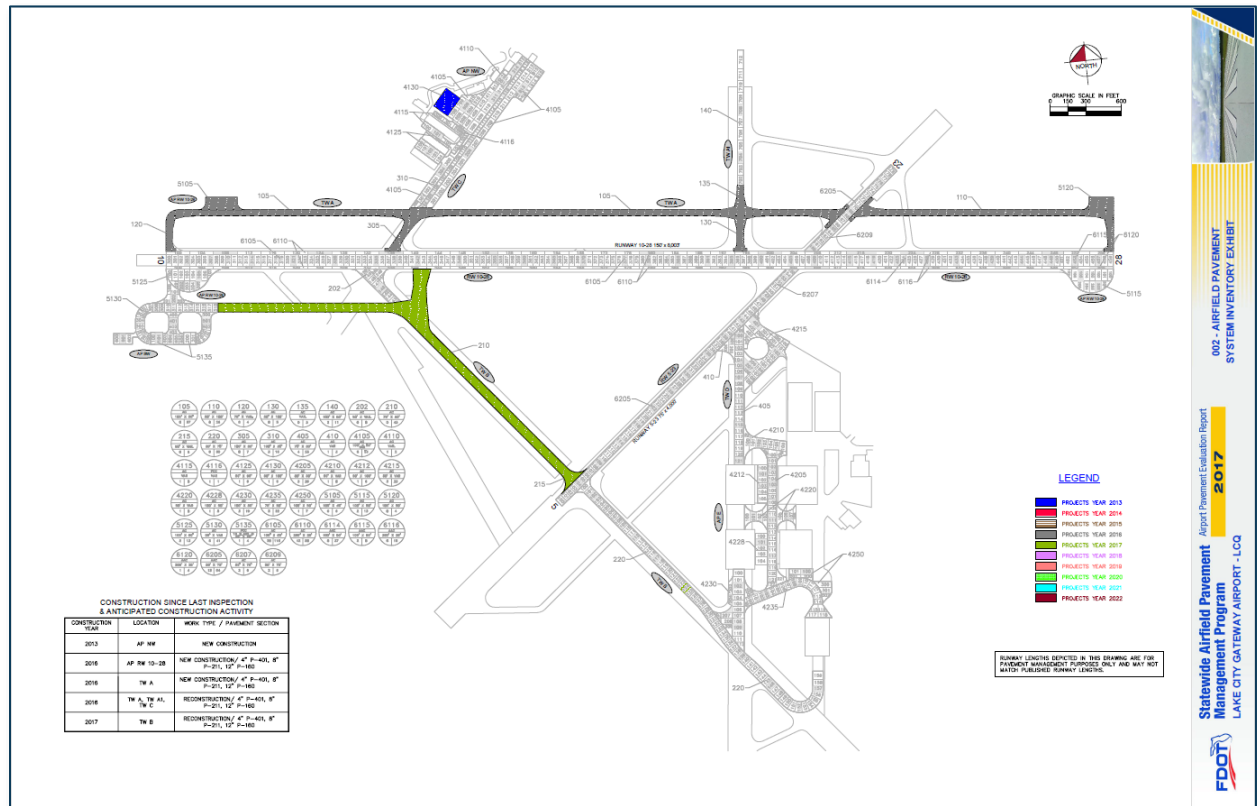
Figure 3.1.1-1 2017 Airfield Pavement Network Definition Exhibit



The Airfield Pavement Network Definition Exhibit provides details to the PCI Survey inspection efforts. The exhibit identifies the pavement facilities, surface type, section definition, and sample unit delineation.



Figure 3.1.1-2 2017 Airfield Pavement System Inventory Exhibit



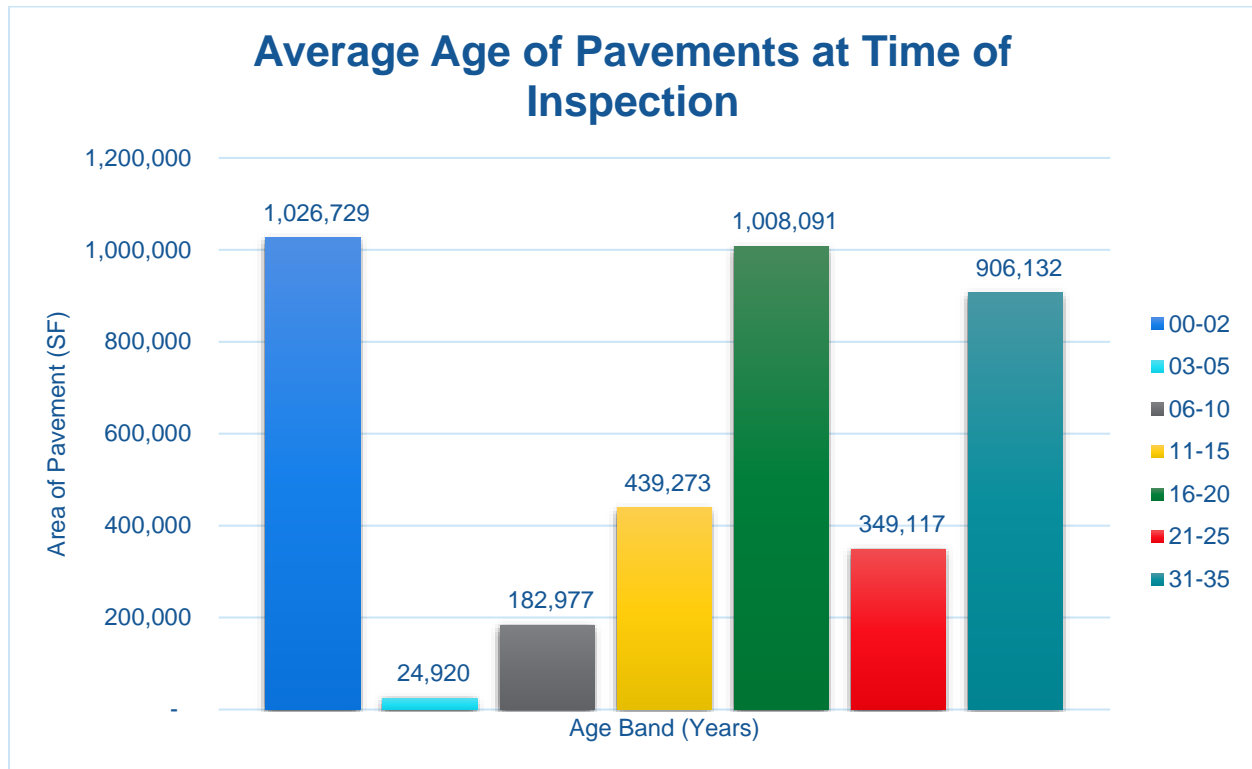
The Airfield Pavement System Inventory Exhibit provides details to the work history updates communicated by the Airport. The Exhibit provides the approximate limits of recent and/or anticipated construction on the airfield pavement facilities. The limits are based on documentation provided by the Airport and, if constructed, observed in the field.

3.1.2 Estimated Pavement Age

Standard pavement design practice considers a design life of a 20-year period. Design inputs typically require subgrade soil conditions, pavement section layer material characteristics, and anticipated loading (aircraft fleet mix) for the design-life period. Based on the review of the historic airfield pavement construction, **Figure 3.1.2** summarizes the average age of the pavement sections since any major construction activity has occurred during the PCI Survey inspection. This is intended to be a rough estimate based on interpretation of the limited data available at the time of report.



Figure 3.1.2 Average Age of Pavements at Inspection



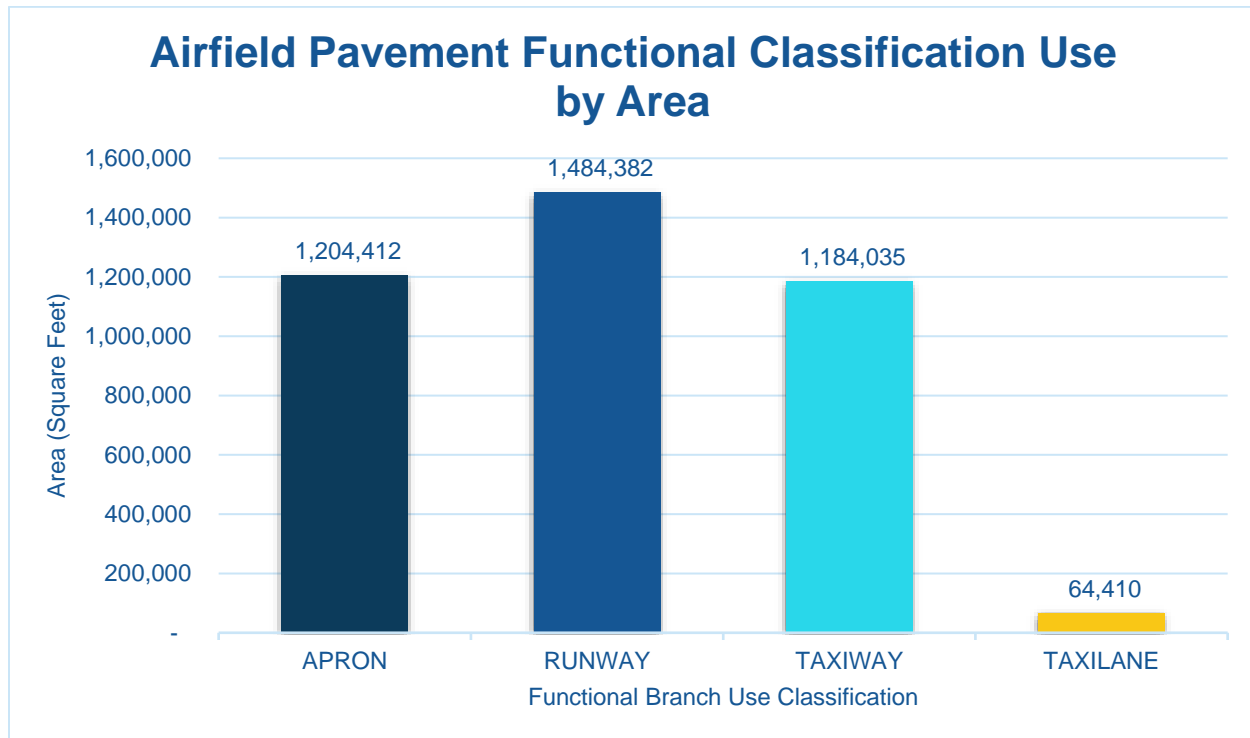
The estimation of the pavement age is based on information requested and provided by participating airports. Additionally, data collected in the prior system updates since 1992 have been relied upon.



3.1.3 Functional Use Classification

Pavements are subject to varying aircraft loading patterns based on utilization and overall operations. For this SAPMP Update, the following categories of airfield functional use have been identified and associated with the following possible pavement branch facilities: Apron, Runway, Taxiway, and Taxilane. **Figure 3.1.3** summarizes the identified pavements' functional use by area in square feet. The pavement areas reviewed exclude shoulder pavement facilities.

Figure 3.1.3 Airfield Pavement Functional Classification Use by Area



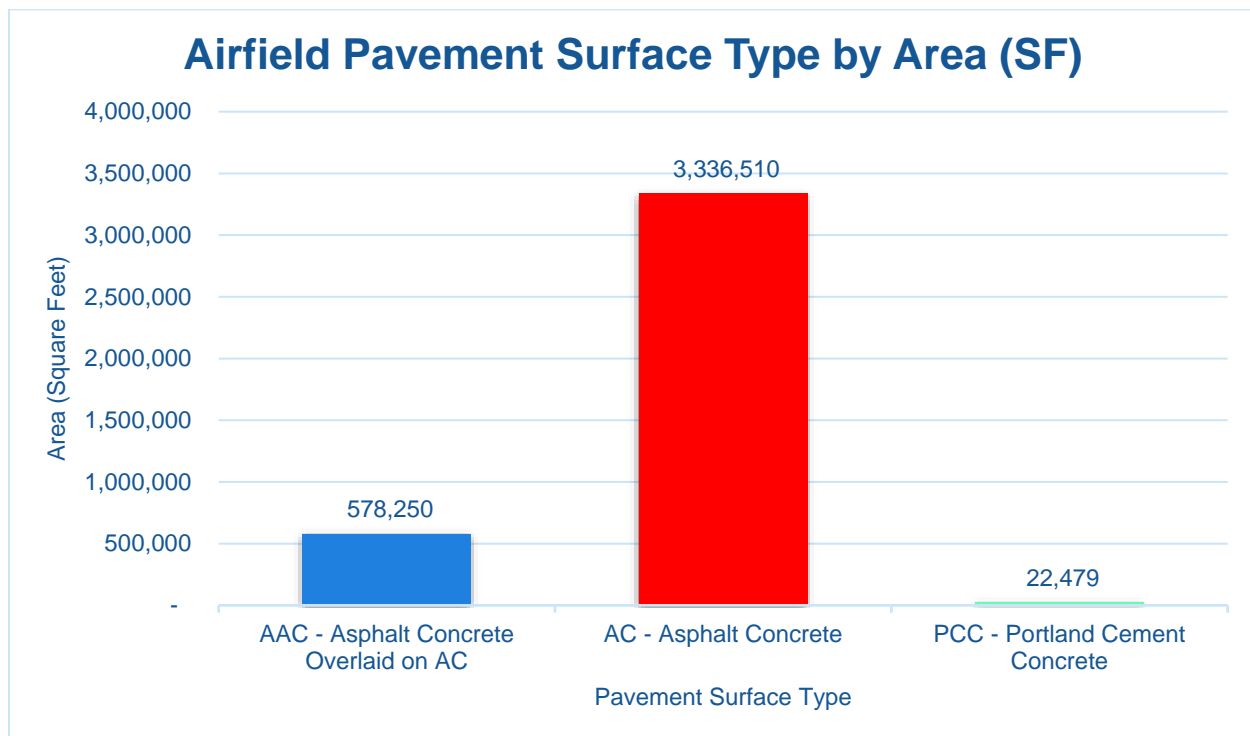


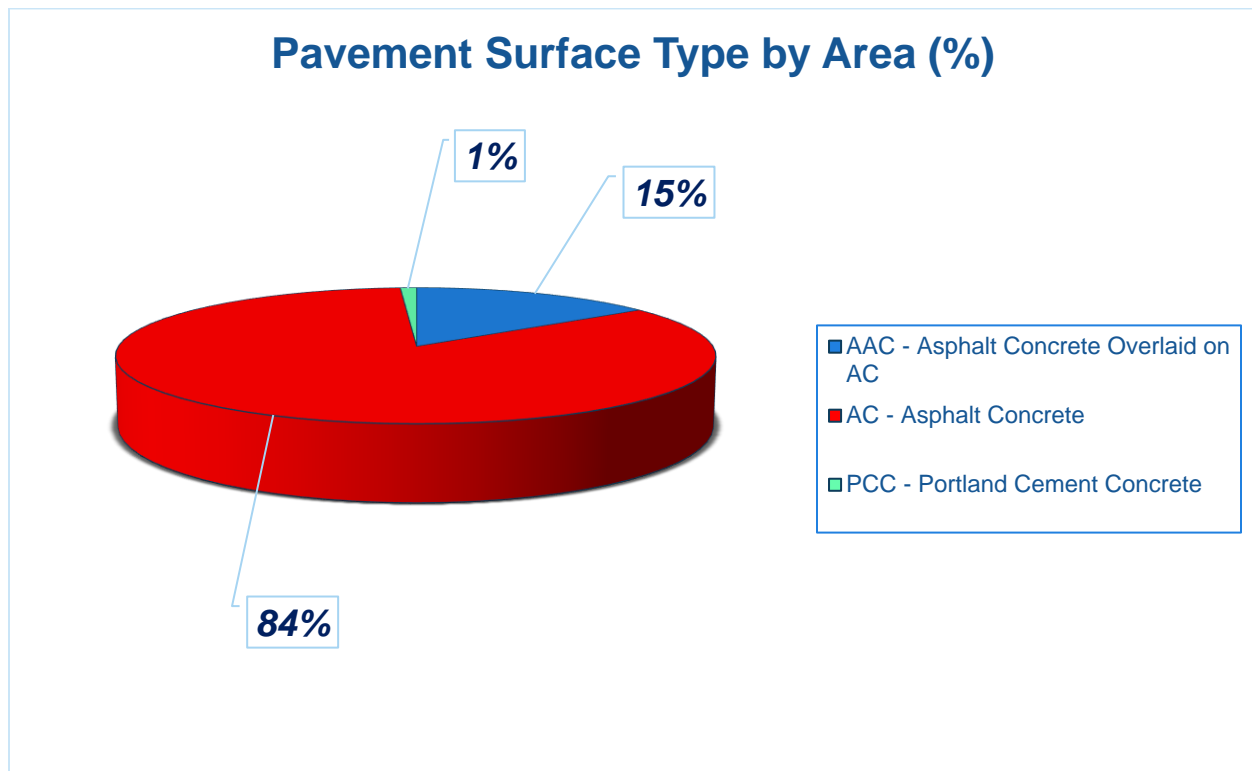
3.1.4 Pavement Surface Type

The airfield pavement facility surface types within the SAPMP include four common types of pavement: Portland cement concrete (PCC), asphalt concrete (AC), asphalt concrete overlaid on asphalt concrete (AAC), and asphalt concrete overlaid on Portland cement concrete (APC).

Based on the record documentation incorporated within the SAPMP database throughout the years, the pavement surface types have been assigned to the various pavement sections in accordance to its work history composition. The following **Figures 3.1.4 (a) and (b)** summarize the applicable pavement types observed at this specific airport's airfield.

Figure 3.1.4 (a) Pavement Surface Type by Area (SF)



*Figure 3.1.4 (b) Pavement Surface Type by Area (%)*

3.1.5 Pavement System Inventory Details

The following **Table 3.1.5** displays the section-level details assembled as part of this update. The section-level details are based on the record documentation provided by the airports to FDOT and from SAPMP System Updates. The details assembled rely on the accuracy and the adequacy of data provided; however, it should be noted that characteristics such as pavement areas may be based on aerial interpretation of spatially projected imagery. The accuracy of data is presented with the intention of a network planning-level document; should the airport elect to perform rehabilitation work, it is recommended that further investigation be performed at the project level for construction purposes.

In summary, the scope of the pavement inventory update resulted in the updating of select existing pavement geometry and the development of an AutoCAD model with spatial projection for use within GIS. **Appendix A** includes the Airfield Pavement Network Definition Exhibit and the Airfield Pavement System Inventory Exhibit which visually summarize the results of the Airfield Pavement System Inventory analysis and reporting.



Table 3.1.5 Pavement System Inventory Details

Network ID	Branch Name	Branch ID	Branch Use	Section ID	Length (FT)	Width (FT)	Area (SF)	Surface Type	Est. Last Construction Date
LCQ	EAST APRON	AP E	APRON	4205	1100	80	100,138	AC	12/25/1999
LCQ	EAST APRON	AP E	APRON	4210	350	100	39,217	AC	12/25/1999
LCQ	EAST APRON	AP E	APRON	4212	320	100	27,455	AC	12/25/1999
LCQ	EAST APRON	AP E	APRON	4215	475	200	105,993	AC	1/1/1997
LCQ	EAST APRON	AP E	APRON	4220	350	70	41,459	AC	12/25/1999
LCQ	EAST APRON	AP E	APRON	4228	260	100	27,000	AC	12/25/1999
LCQ	EAST APRON	AP E	APRON	4230	650	100	91,108	AC	1/1/1997
LCQ	EAST APRON	AP E	APRON	4235	1100	80	83,816	AC	12/25/1999
LCQ	EAST APRON	AP E	APRON	4250	300	80	32,011	AC	12/25/1999
LCQ	NORTH APRON	AP NW	APRON	4105	3300	50	263,561	AC	1/1/2004
LCQ	NORTH APRON	AP NW	APRON	4110	95	93	9,384	AC	1/1/1992
LCQ	NORTH APRON	AP NW	APRON	4130	178	145	24,920	AC	1/1/2013
LCQ	RUN UP AND TURNAROUND APRON RW10-28	AP RW10-28	APRON	5105	265	105	29,370	AC	1/29/2016
LCQ	RUN UP AND TURNAROUND APRON RW10-28	AP RW10-28	APRON	5115	220	200	62,200	AC	1/1/1997
LCQ	RUN UP AND TURNAROUND APRON RW10-28	AP RW10-28	APRON	5120	200	105	24,359	AC	1/29/2016
LCQ	RUN UP AND TURNAROUND APRON RW10-28	AP RW10-28	APRON	5125	220	200	59,444	AC	1/1/1997
LCQ	SOUTHWEST APRON	AP SW	APRON	5130	2175	75	162,978	AC	7/1/2010
LCQ	SOUTHWEST APRON	AP SW	APRON	5135	200	100	19,999	PCC	7/1/2010
LCQ	RUNWAY 10-28	RW 10-28	RUNWAY	6105	5625	100	574,700	AC	1/1/1985
LCQ	RUNWAY 10-28	RW 10-28	RUNWAY	6110	11250	25	287,350	AC	1/1/1985
LCQ	RUNWAY 10-28	RW 10-28	RUNWAY	6114	1200	100	183,000	AAC	1/1/1998
LCQ	RUNWAY 10-28	RW 10-28	RUNWAY	6115	1180	100	42,500	AAC	1/1/1998
LCQ	RUNWAY 10-28	RW 10-28	RUNWAY	6116	2400	25	91,500	AAC	1/1/1998
LCQ	RUNWAY 10-28	RW 10-28	RUNWAY	6120	2360	25	21,250	AAC	1/1/1998
LCQ	RUNWAY 5-23	RW 5-23	RUNWAY	6205	3850	75	240,000	AAC	1/1/1992

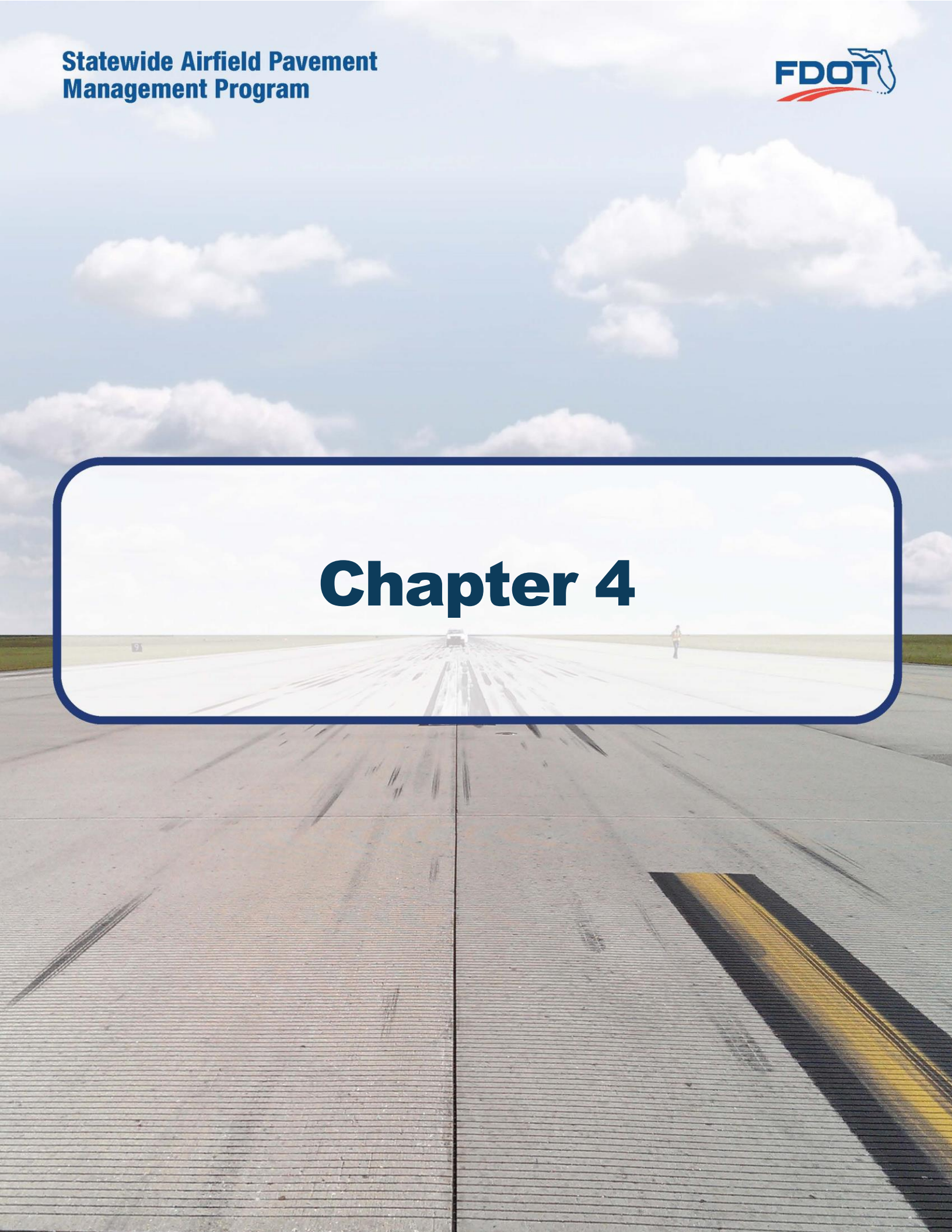


Network ID	Branch Name	Branch ID	Branch Use	Section ID	Length (FT)	Width (FT)	Area (SF)	Surface Type	Est. Last Construction Date
LCQ	RUNWAY 5-23	RW 5-23	RUNWAY	6207	45	75	21,932	AC	1/1/1985
LCQ	RUNWAY 5-23	RW 5-23	RUNWAY	6209	35	75	22,150	AC	1/1/1985
LCQ	TAXILANE TO T-HANGARS	T-HANG NW	TAXILANE	4115	820	55	34,013	AC	1/1/2004
LCQ	TAXILANE TO T-HANGARS	T-HANG NW	TAXILANE	4116	63	54	2,480	PCC	1/1/2004
LCQ	TAXILANE TO T-HANGARS	T-HANG NW	TAXILANE	4125	270	118	27,917	AC	1/1/2004
LCQ	TAXIWAY A	TW A	TAXIWAY	105	5700	50	294,652	AC	1/29/2016
LCQ	TAXIWAY A	TW A	TAXIWAY	110	2500	50	134,421	AC	1/29/2016
LCQ	TAXIWAY A	TW A	TAXIWAY	120	300	50	19,420	AC	1/29/2016
LCQ	TAXIWAY A1	TW A1	TAXIWAY	130	750	40	24,489	AC	1/29/2016
LCQ	TAXIWAY A1	TW A1	TAXIWAY	135	200	50	17,500	AC	1/29/2016
LCQ	TAXIWAY A1	TW A1	TAXIWAY	140	400	142	56,925	AC	1/1/2004
LCQ	TAXIWAY B	TW B	TAXIWAY	202	255	160	29,562	AC	6/1/2017
LCQ	TAXIWAY B	TW B	TAXIWAY	210	1860	75	159,830	AC	6/1/2017
LCQ	TAXIWAY B	TW B	TAXIWAY	215	140	75	15,646	AC	6/1/2017
LCQ	TAXIWAY B	TW B	TAXIWAY	220	2750	90	247,495	AC	6/1/2017
LCQ	TAXIWAY C	TW C	TAXIWAY	305	860	53	29,985	AC	1/29/2016
LCQ	TAXIWAY C	TW C	TAXIWAY	310	1600	50	54,377	AC	1/1/2004
LCQ	TAXIWAY D	TW D	TAXIWAY	405	1069	75	86,039	AC	1/1/1992
LCQ	TAXIWAY D	TW D	TAXIWAY	410	200	50	13,694	AC	1/1/1992



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Chapter 4





Chapter 4 – Airfield Pavement Condition

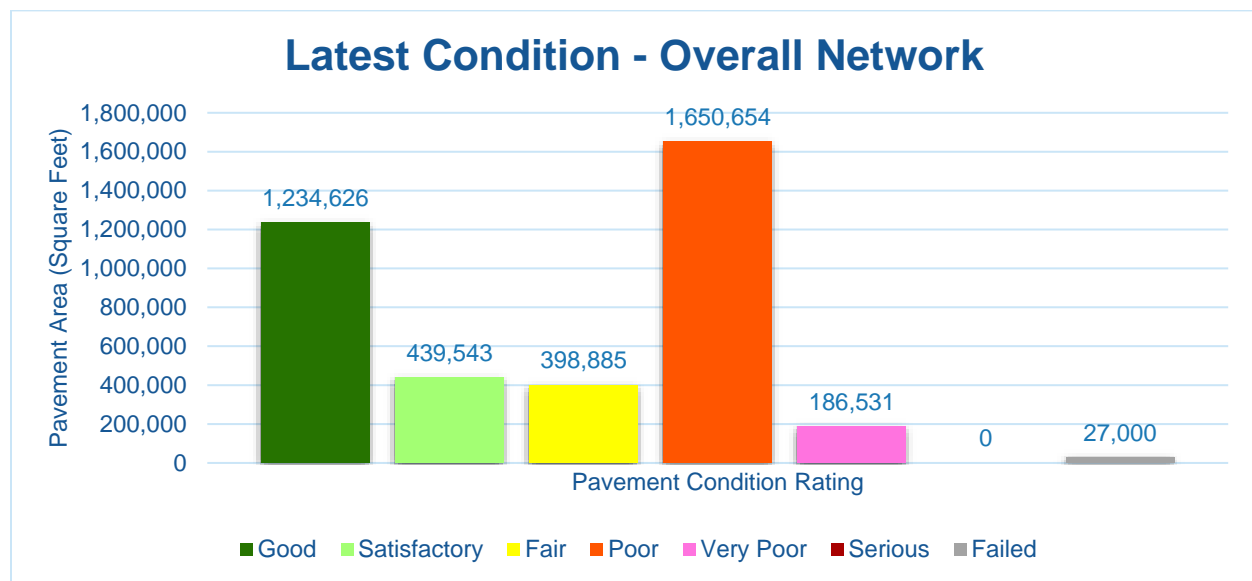
The examination of specific distress types (with causes attributed to load, climate, or other defined distress mechanism), determination of the severity of distress, and determination of the quantity of distress manifestation are required in the computation of a PCI value. The PCI provides valuable information that can be used to determine the existing condition of the pavement, possible cause of the pavement deterioration, and eventually aid in the planning of the rehabilitation of pavements. It should be noted that the PCI method of pavement condition evaluation is strictly a visual and functional evaluation. Further evaluation of the pavement condition may be necessary for design and/or project-level determination of pavement rehabilitation.

4.1 Airfield Pavement Condition Index (Latest Inspection)

4.1.1 Network-Level Analysis

The following **Figure 4.1.1** summarizes the network-level pavement condition analysis based on the most recent PCI Survey inspection results.

Figure 4.1.1 Latest Condition – Overall Network



4.1.2 Branch-Level Analysis

The following **Figures 4.1.2 (a) through (d)** summarize the branch-level pavement condition analysis based on the most recent PCI Survey inspection results; the following Figures provide overall branch-level conditions by branch use.



Figure 4.1.2 (a) Latest Condition – Runway Pavements

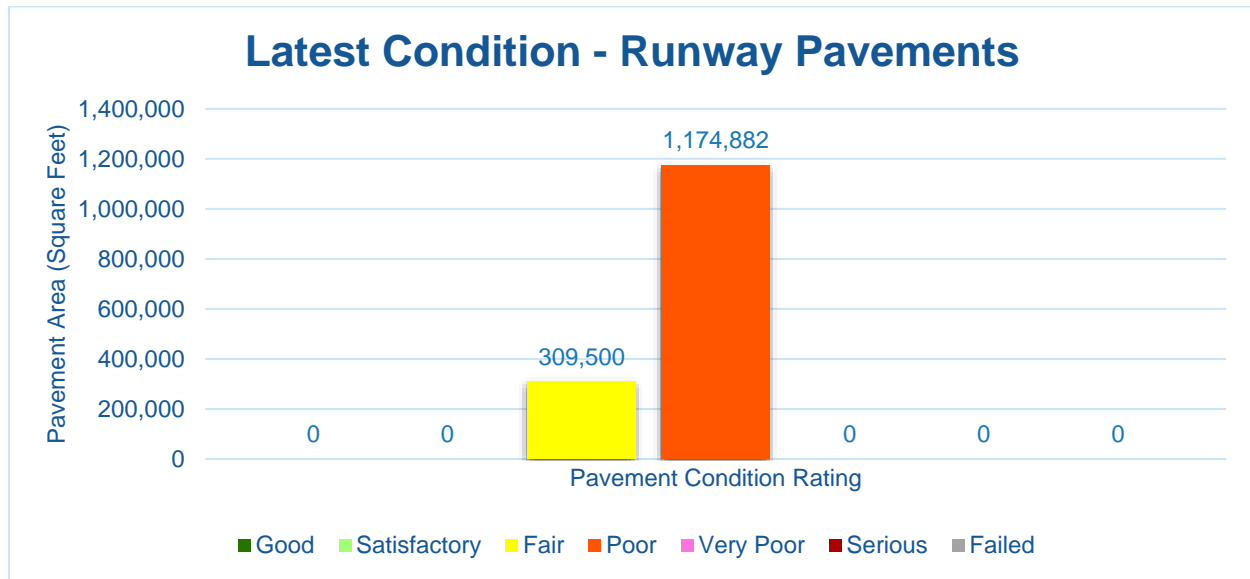


Figure 4.1.2 (b) Latest Condition – Taxiway Pavements

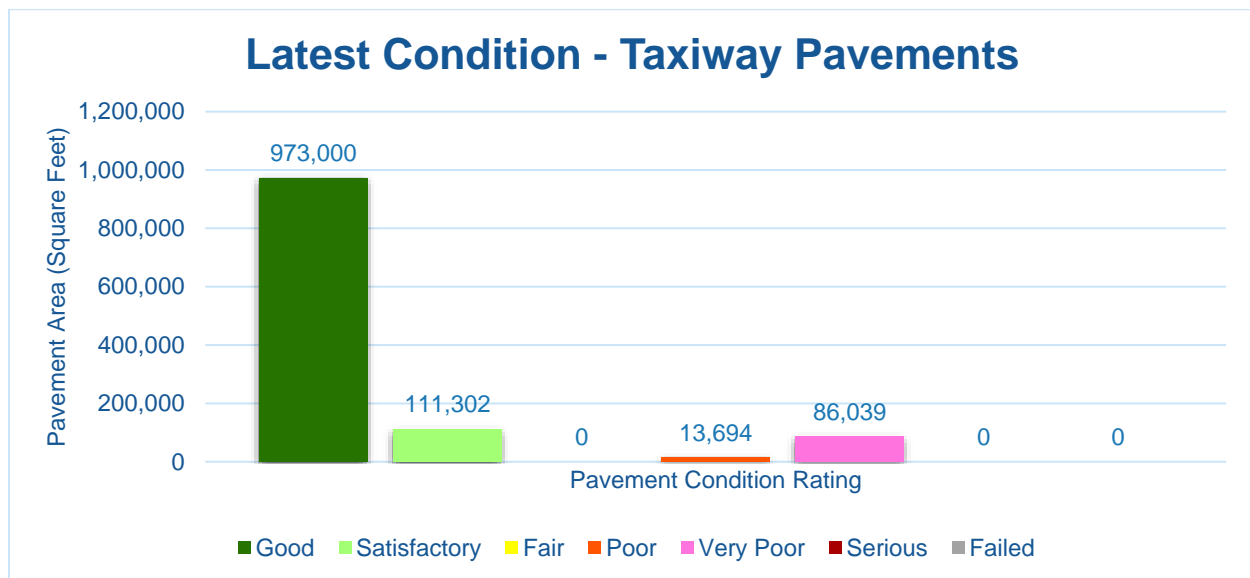




Figure 4.1.2 (c) Latest Condition – Apron Pavements

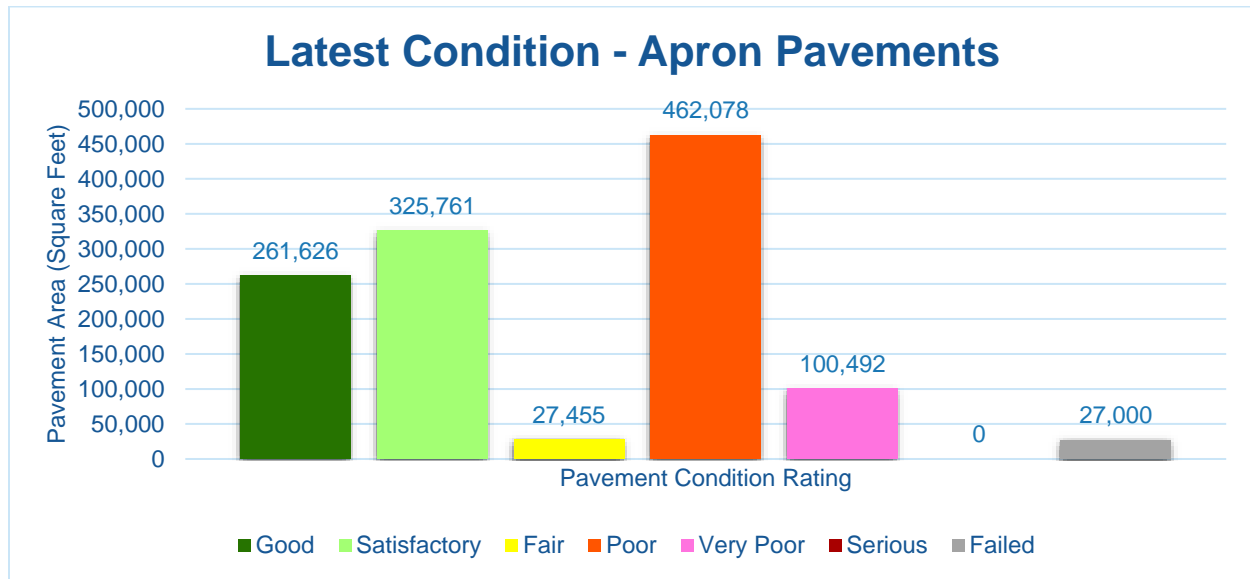
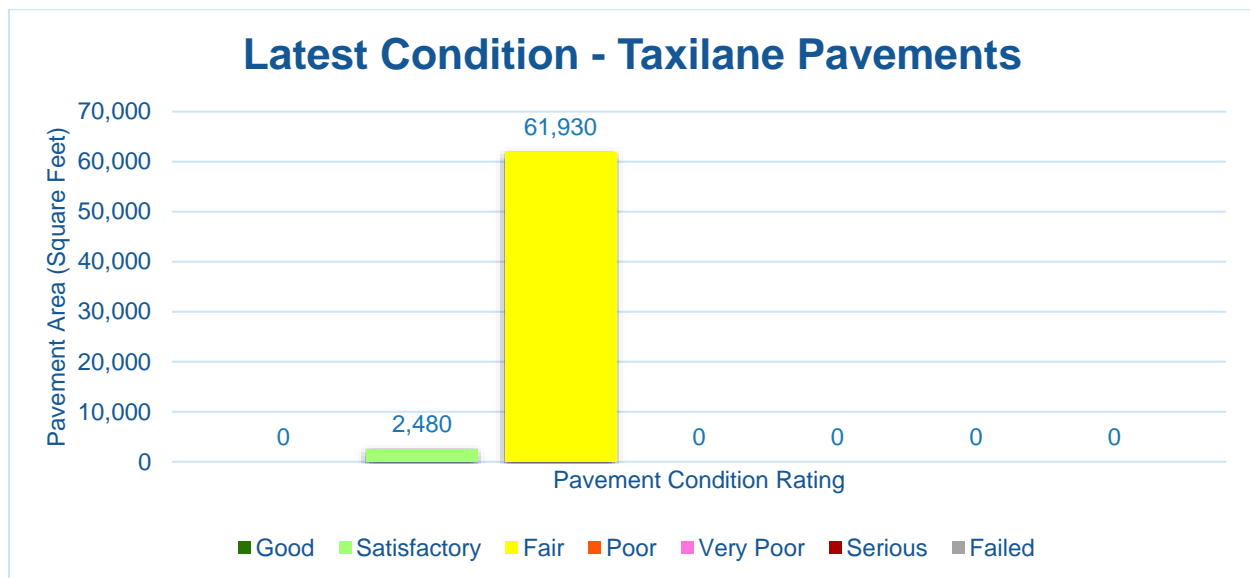


Figure 4.1.2 (d) Latest Condition – Taxiway Pavements





4.1.3 Section-Level Analysis

The following **Table 4.1.3** provides details for each pavement section of its area-weighted average PCI and the percent of distress which is related to load, climate, or other factors. The amount of distress attributed to the various causes provides insight into maintenance, repair, and rehabilitation needs. Load-related distress indicates that pavements are reaching the end of their structural design life, and for those pavements exhibiting a significant amount of these distress types, rehabilitation should be planned to strengthen or reconstruct the pavement.

Appendix C Technical Exhibits provides a technical exhibit that graphically depicts the PCI values and ratings determined from this SAPMP System Update.

Any pavement facilities subject to pavement construction within the past 2 years or anticipated for construction within the next year may have been omitted from inspection. Pavement subject to major rehabilitation will be set to a PCI of 100.



Table 4.1.3 Latest Pavement Condition Index Summary

Network ID	Branch ID	Branch Name	Branch Use	Section ID	Area (SF)	Surface	PCI	PCI Rating	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Sample Units Inspected	Total Sample Units in Section
LCQ	AP E	EAST APRON	APRON	4205	100,138	AC	47	Poor	61%	6%	33%	3	26
LCQ	AP E	EAST APRON	APRON	4210	39,217	AC	52	Poor	83%	17%	0%	1	8
LCQ	AP E	EAST APRON	APRON	4212	27,455	AC	57	Fair	100%	0%	0%	1	6
LCQ	AP E	EAST APRON	APRON	4215	105,993	AC	41	Poor	97%	0%	3%	3	23
LCQ	AP E	EAST APRON	APRON	4220	41,459	AC	47	Poor	100%	0%	0%	1	8
LCQ	AP E	EAST APRON	APRON	4228	27,000	AC	4	Failed	61%	30%	9%	1	5
LCQ	AP E	EAST APRON	APRON	4230	91,108	AC	39	Very Poor	71%	18%	11%	3	19
LCQ	AP E	EAST APRON	APRON	4235	83,816	AC	48	Poor	70%	18%	12%	3	22
LCQ	AP E	EAST APRON	APRON	4250	32,011	AC	50	Poor	88%	0%	12%	1	7
LCQ	AP NW	NORTH APRON	APRON	4105	263,561	AC	77	Satisfactory	95%	0%	5%	6	51
LCQ	AP NW	NORTH APRON	APRON	4110	9,384	AC	28	Very Poor	63%	26%	11%	1	2
LCQ	AP NW	NORTH APRON	APRON	4130	24,920	AC	94	Good	100%	0%	0%	1	6
LCQ	AP RW10-28	RUN UP AND TURNAROUND APRON RW10-28	APRON	5105	29,370	AC	100	Good	0%	0%	0%	0	6
LCQ	AP RW10-28	RUN UP AND TURNAROUND APRON RW10-28	APRON	5115	62,200	AC	78	Satisfactory	81%	0%	19%	2	13
LCQ	AP RW10-28	RUN UP AND TURNAROUND APRON RW10-28	APRON	5120	24,359	AC	100	Good	0%	0%	0%	0	4
LCQ	AP RW10-28	RUN UP AND TURNAROUND APRON RW10-28	APRON	5125	59,444	AC	53	Poor	75%	0%	25%	2	13
LCQ	AP SW	SOUTHWEST APRON	APRON	5130	162,978	AC	90	Good	84%	0%	16%	5	41
LCQ	AP SW	SOUTHWEST APRON	APRON	5135	19,999	PCC	86	Good	51%	0%	49%	1	4
LCQ	RW 10-28	RUNWAY 10-28	RUNWAY	6105	574,700	AC	49	Poor	69%	18%	13%	20	115
LCQ	RW 10-28	RUNWAY 10-28	RUNWAY	6110	287,350	AC	60	Fair	76%	0%	24%	12	58
LCQ	RW 10-28	RUNWAY 10-28	RUNWAY	6114	183,000	AAC	53	Poor	80%	12%	8%	8	37
LCQ	RW 10-28	RUNWAY 10-28	RUNWAY	6115	42,500	AAC	48	Poor	98%	0%	2%	2	8
LCQ	RW 10-28	RUNWAY 10-28	RUNWAY	6116	91,500	AAC	54	Poor	98%	0%	2%	5	18
LCQ	RW 10-28	RUNWAY 10-28	RUNWAY	6120	21,250	AAC	50	Poor	97%	0%	3%	1	4
LCQ	RW 5-23	RUNWAY 5-23	RUNWAY	6205	240,000	AAC	42	Poor	70%	16%	14%	13	64
LCQ	RW 5-23	RUNWAY 5-23	RUNWAY	6207	21,932	AC	49	Poor	77%	0%	23%	2	6
LCQ	RW 5-23	RUNWAY 5-23	RUNWAY	6209	22,150	AC	56	Fair	77%	0%	23%	2	6
LCQ	T-HANG NW	TAXILANE TO T-HANGARS	TAXILANE	4115	34,013	AC	59	Fair	100%	0%	0%	1	8
LCQ	T-HANG NW	TAXILANE TO T-HANGARS	TAXILANE	4116	2,480	PCC	81	Satisfactory	57%	35%	8%	1	1
LCQ	T-HANG NW	TAXILANE TO T-HANGARS	TAXILANE	4125	27,917	AC	56	Fair	100%	0%	0%	1	6
LCQ	TW A	TAXIWAY A	TAXIWAY	105	294,652	AC	100	Good	0%	0%	0%	0	57
LCQ	TW A	TAXIWAY A	TAXIWAY	110	134,421	AC	100	Good	0%	0%	0%	0	26
LCQ	TW A	TAXIWAY A	TAXIWAY	120	19,420	AC	100	Good	0%	0%	0%	0	4
LCQ	TW A1	TAXIWAY A1	TAXIWAY	130	24,489	AC	100	Good	0%	0%	0%	0	5
LCQ	TW A1	TAXIWAY A1	TAXIWAY	135	17,500	AC	100	Good	0%	0%	0%	0	3
LCQ	TW A1	TAXIWAY A1	TAXIWAY	140	56,925	AC	85	Satisfactory	100%	0%	0%	2	11

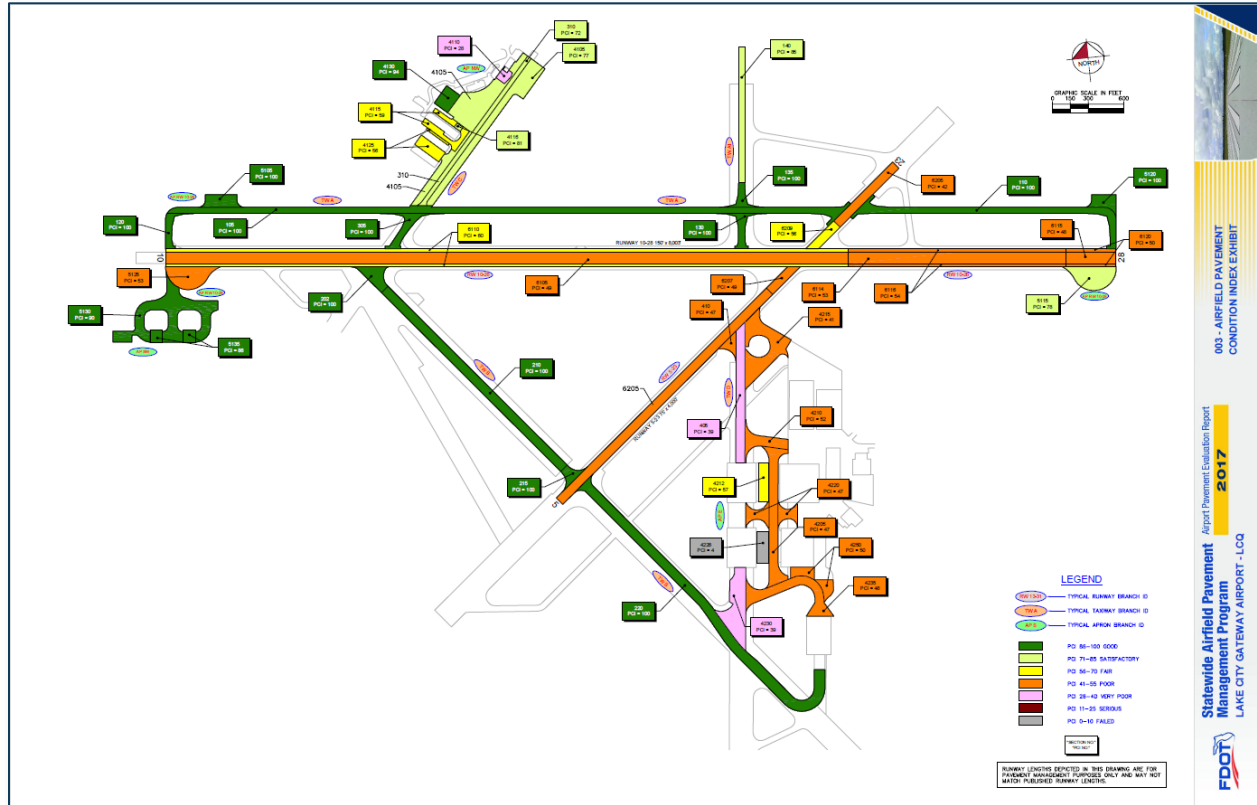


Network ID	Branch ID	Branch Name	Branch Use	Section ID	Area (SF)	Surface	PCI	PCI Rating	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Sample Units Inspected	Total Sample Units in Section
LCQ	TW B	TAXIWAY B	TAXIWAY	202	29,562	AC	100	Good	0%	0%	0%	0	8
LCQ	TW B	TAXIWAY B	TAXIWAY	210	159,830	AC	100	Good	0%	0%	0%	0	43
LCQ	TW B	TAXIWAY B	TAXIWAY	215	15,646	AC	100	Good	0%	0%	0%	0	5
LCQ	TW B	TAXIWAY B	TAXIWAY	220	247,495	AC	100	Good	0%	0%	0%	0	60
LCQ	TW C	TAXIWAY C	TAXIWAY	305	29,985	AC	100	Good	0%	0%	0%	0	7
LCQ	TW C	TAXIWAY C	TAXIWAY	310	54,377	AC	72	Satisfactory	86%	0%	14%	3	16
LCQ	TW D	TAXIWAY D	TAXIWAY	405	86,039	AC	39	Very Poor	75%	24%	1%	4	23
LCQ	TW D	TAXIWAY D	TAXIWAY	410	13,694	AC	47	Poor	96%	0%	4%	1	3



Figure 4.1.3 is an inset view of the 2017 Airfield Pavement Condition Index Exhibit that visually represents the results of the latest PCI Survey inspection. A large format exhibit is located in **Appendix C Technical Exhibits**.

Figure 4.1.3 2017 Airfield Pavement Condition Index Exhibit





4.2 Summary of Pavement Condition Evaluation Results

4.2.1 Network-Level Observations

The field PCI Survey performed at Lake City Gateway Airport (LCQ) started on 02/06/2017 and was completed on 02/07/2017. The resulting overall average area-weighted PCI value was 67 representing a condition rating of Fair. Lake City Gateway Airport has two runways; Runway 05-23 is 75-ft wide and 4,000-ft long and Runway 10-28 is 150-ft wide and 8,003-ft long. Taxiway A and B were not inspected due to recent or upcoming construction. The PCI has been set to 100, a condition rating of Good.

Based on the FAA 5010 Report as of 06/12/2017 the Airport has reported 28,714 operations for 12 months ending 04/22/2016.

4.2.2 Branch-Level Observations

The following branch-level observations are intended to be an overall summary of select pavement facilities identified during the PCI Survey; further detail at the section and sample-level may be referenced for all pavements assessed as part of this System Update. The branch-level observations discussed are limited to select branches based on use and condition.

Runway 05-23

Runway 5-23 consists of 3 sections constructed of AC and AAC. The last construction years range from 1985 to 1992. The average area-weighted PCI for Runway 5-23 is 43 representing a Poor condition rating. The pavement distresses observed were related to Climate, Load, and Other distress classifications. Distresses observed in Runway 5-23 consist of Alligator Cracking, Bleeding, Block Cracking, Depression, Longitudinal & Transverse Cracking, Patching, Raveling, Rutting, Swelling, and Weathering.

Runway 10-28

Runway 10-28 consists of 6 sections constructed of AC and AAC. The last construction years range from 1985 to 1998. The average area-weighted PCI for Runway 10-28 is 52 representing a Poor condition rating. The pavement distresses observed were related to Climate, Load, and Other distress classifications. Distresses observed in Runway 10-28 consist of Alligator Cracking, Bleeding, Block Cracking, Depression, Longitudinal & Transverse Cracking, Patching, Raveling, Rutting, Swelling, and Weathering.

Taxiway D

Taxiway D consists of 2 sections constructed of AC. The last construction years range from 1992 to 2004. The average area-weighted PCI for Taxiway D is 40 representing a Very Poor condition rating. The pavement distresses observed were related to Climate, Load, and Other distress classifications. Distresses observed in Taxiway D consist of Alligator Cracking, Bleeding, Block Cracking, Depression, Longitudinal & Transverse Cracking, Raveling, Rutting, and Swelling.

Taxilane to T-Hangars

Taxilane to T-Hangars consists of 3 sections constructed of AC and PCC. The last construction year for Taxilane to T-Hangars was 2004. The average area-weighted PCI is 58 representing a



Fair condition rating. The pavement distresses observed were related to Climate, Load, and Other distress classifications. Distresses observed in Taxilane to T-Hangars consist of Longitudinal & Transverse Cracking, Raveling, Linear Cracking, Joint Seal Damage, and Shrinkage Cracking.

East Apron

East Apron consists of 9 sections constructed of AC. The last construction years range from 1997 to 1999. The average area-weighted PCI for East Apron is 43 representing a Poor condition rating. The pavement distresses observed were related to Climate, Load, and Other distress classifications. Distresses observed in East Apron consist of Alligator Cracking, Bleeding, Block Cracking, Depression, Longitudinal & Transverse Cracking, Patching, Raveling, Rutting, and Swelling.

North Apron

North Apron consists of 3 sections constructed of AC. The last construction years range from 1992 to 2013. The average area-weighted PCI for North Apron is 76 representing a Satisfactory condition rating. The pavement distresses observed were related to Climate, Load, and Other distress classifications. Distresses observed in North Apron consist of Alligator Cracking, Block Cracking, Depression, Longitudinal & Transverse Cracking, Patching, Raveling, Rutting, Swelling, and Weathering.

Figure 4.2.2 Pavement Condition Summary by Facility Use

Facility Use	Average Area-Weighted PCI	Condition Rating
Runway	50	Poor
Taxiway	92	Good
Apron	63	Fair
Taxilane	58	Fair



4.3 Forecasted Pavement Conditions

4.3.1 Performance Models and Prediction Curves

Pavement Performance Models are developed from the distress data and historic construction records collected for the SAPMP. This data is consolidated in a database and organized by inspection/construction date, pavement type, age, and pavement use. The pavement Performance Models are used to develop broad Prediction Curves, alternatively known as deterioration curves or family curves. These Prediction Curves are utilized to develop forecasted PCI values based on historic trends and statistical models.

4.3.2 Branch-Level Pavement Condition Forecast

The following **Figures 4.3.2 (a) through (c)** depict the branch-level pavement condition forecast by Branch Use (Runway, Taxiway, and/or Apron). The forecasted conditions are for a 10-year duration starting in January 2018 through January 2027.

Figure 4.3.2 (a) Forecasted Runway Pavement Performance

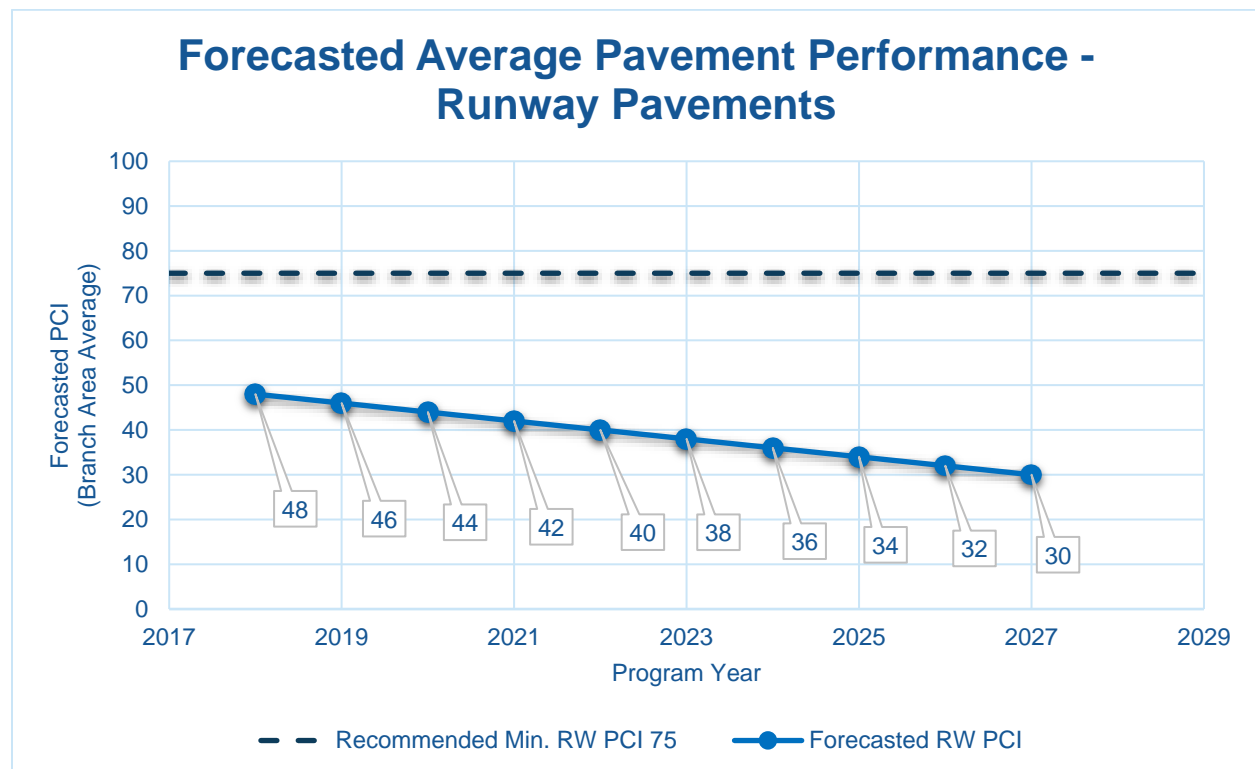




Figure 4.3.2 (b) Forecasted Taxiway Pavement Performance

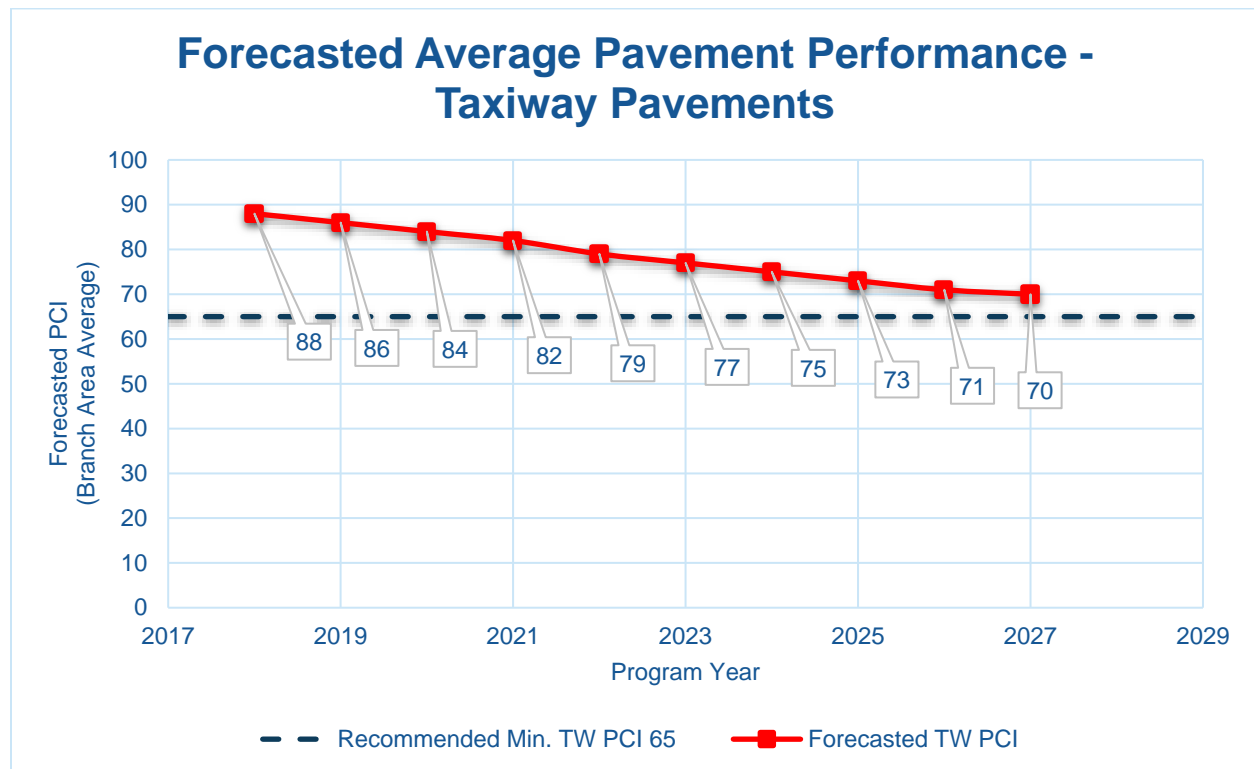
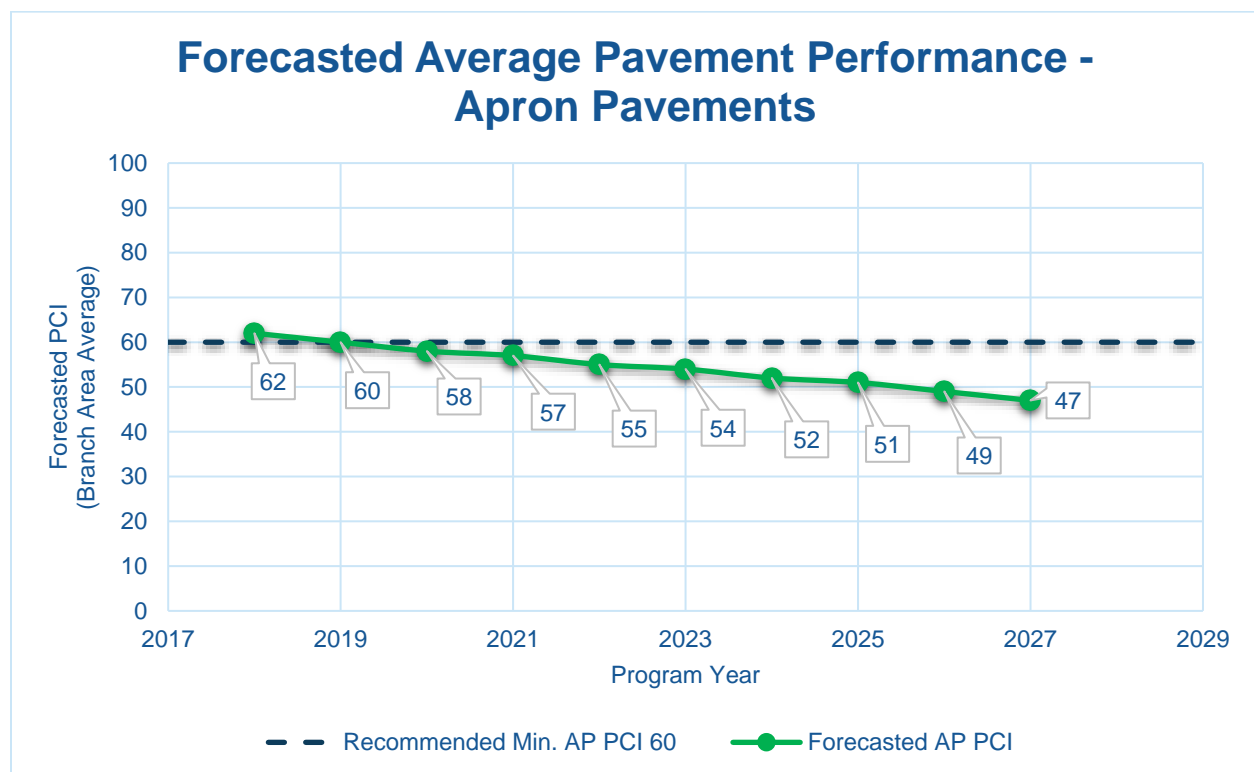


Figure 4.3.2 (c) Forecasted Apron Pavement Performance





4.3.3 Section-Level Pavement Condition Forecast

The following **Table 4.3.3** provides detail to the forecasted PCI values for each section inspected. Please note the forecasted Branch- and Section-Level PCI's are for planning purposes and are subject to the sensitivities in changes in traffic and maintenance frequency. Airport staff should perform annual visual condition assessments to maintain recent understanding of pavement conditions.



Table 4.3.3 Forecasted PCI 2018-2027

Network ID	Branch ID	Section ID	Last PCI	Forecasted PCI									
				2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
LCQ	AP E	4205	47	45	43	42	40	39	37	36	34	32	31
LCQ	AP E	4210	52	50	48	47	45	44	42	41	39	37	36
LCQ	AP E	4212	57	55	53	52	50	49	47	46	44	42	41
LCQ	AP E	4215	41	39	37	36	34	33	31	30	28	26	25
LCQ	AP E	4220	47	45	43	42	40	39	37	36	34	32	31
LCQ	AP E	4228	4	2	0	0	0	0	0	0	0	0	0
LCQ	AP E	4230	39	37	35	34	32	31	29	28	26	24	23
LCQ	AP E	4235	48	46	44	43	41	40	38	37	35	33	32
LCQ	AP E	4250	50	48	46	45	43	42	40	39	37	35	34
LCQ	AP NW	4105	77	75	73	72	70	69	67	66	64	62	61
LCQ	AP NW	4110	28	26	24	23	21	20	18	17	15	13	12
LCQ	AP NW	4130	94	92	90	89	87	86	84	83	81	79	78
LCQ	AP RW10-28	5105	100	96	95	93	92	90	89	87	85	84	82
LCQ	AP RW10-28	5115	78	76	74	73	71	70	68	67	65	63	62
LCQ	AP RW10-28	5120	100	96	95	93	92	90	89	87	85	84	82
LCQ	AP RW10-28	5125	53	51	49	48	46	45	43	42	40	38	37
LCQ	AP SW	5130	90	88	86	85	83	82	80	79	77	75	74
LCQ	AP SW	5135	86	83	80	78	76	73	71	69	67	65	64
LCQ	RW 10-28	6105	49	47	45	44	42	41	39	37	36	34	32
LCQ	RW 10-28	6110	60	58	56	55	53	52	50	48	47	45	43
LCQ	RW 10-28	6114	53	50	47	44	41	38	35	32	30	27	24
LCQ	RW 10-28	6115	48	45	41	38	35	32	30	27	24	22	19
LCQ	RW 10-28	6116	54	51	49	46	42	39	36	33	31	28	25
LCQ	RW 10-28	6120	50	47	44	40	37	34	32	29	26	24	21
LCQ	RW 5-23	6205	42	39	35	33	30	28	25	22	19	16	14



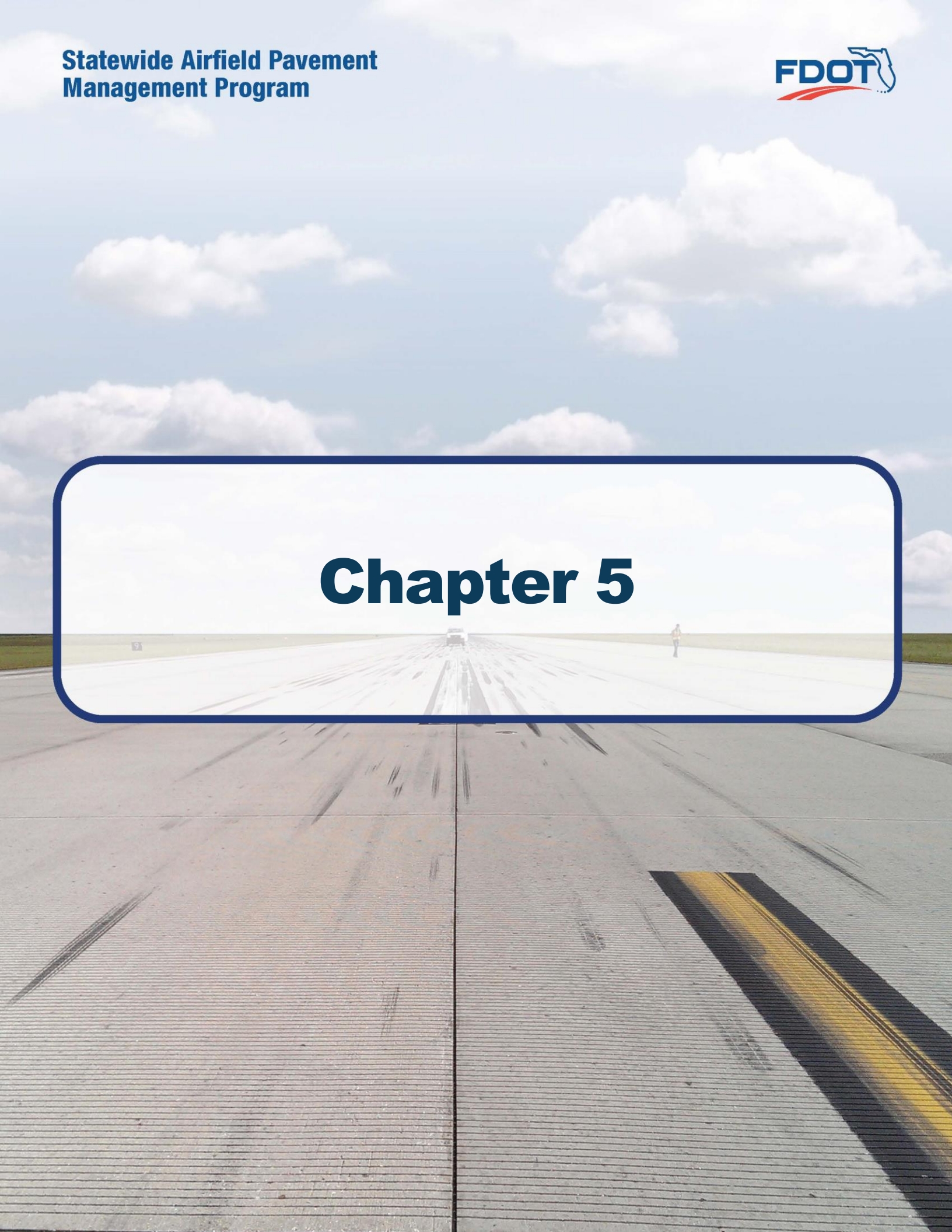
Network ID	Branch ID	Section ID	Last PCI	Forecasted PCI									
				2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
LCQ	RW 5-23	6207	49	47	45	44	42	41	39	37	36	34	32
LCQ	RW 5-23	6209	56	54	52	51	49	48	46	44	43	41	39
LCQ	T-HANG NW	4115	59	57	56	55	54	52	51	49	47	46	44
LCQ	T-HANG NW	4116	81	80	79	78	77	76	76	75	74	73	72
LCQ	T-HANG NW	4125	56	54	53	51	50	48	47	45	43	42	40
LCQ	TW A	105	100	95	93	90	88	85	83	81	79	77	75
LCQ	TW A	110	100	95	93	90	88	85	83	81	79	77	75
LCQ	TW A	120	100	95	93	90	88	85	83	81	79	77	75
LCQ	TW A1	130	100	95	93	90	88	85	83	81	79	77	75
LCQ	TW A1	135	100	95	93	90	88	85	83	81	79	77	75
LCQ	TW A1	140	85	82	80	78	76	74	73	71	70	69	68
LCQ	TW B	202	100	98	96	94	91	89	86	84	81	79	77
LCQ	TW B	210	100	98	96	94	91	89	86	84	81	79	77
LCQ	TW B	215	100	98	96	94	91	89	86	84	81	79	77
LCQ	TW B	220	100	98	96	94	91	89	86	84	81	79	77
LCQ	TW C	305	100	95	93	90	88	85	83	81	79	77	75
LCQ	TW C	310	72	70	69	68	67	66	65	64	64	63	62
LCQ	TW D	405	39	37	36	35	33	32	31	31	30	29	28
LCQ	TW D	410	47	45	43	42	40	39	37	36	35	34	32



4.3.4 Forecasted PCI Considerations

As FDOT continues to update the SAPMP with future PCI Survey inspections and assembly of airfield pavement construction work history, the performance models will be further refined. With the refinement of additional PCI and work history data points, the forecasting of pavement conditions will continue to better reflect the performance trends of airfield pavements in the Florida Airports System. Forecasted or predicted pavement conditions for the airport are intended for planning purposes only. Design-level recommendations for pavement rehabilitation and/or reconstruction will require the appropriate application of the procedures defined in FAA **AC 150/5320-6F Airport Pavement Design and Evaluation** and **AC 150/5370-11B Use of Nondestructive Testing in the Evaluation of Airport Pavements** to determine structural and/or functional conditions at the time of project.

Chapter 5





Chapter 5 – Localized Maintenance and Repair Planning

General Maintenance and Rehabilitation (M&R) methods are characterized under three broad categories: localized maintenance and repair, global treatments, and major rehabilitation.

- **Localized Maintenance and Repair** includes patching and crack sealing.
- **Global Treatments** includes surface seals and rejuvenators (flexible pavements).
- **Major Rehabilitation** includes overlays, significant slab replacement, and reconstruction.

This chapter discusses the FDOT SAPMP Localized Maintenance and Repair Planning approach. Proactive localized maintenance and repair, specifically preservation, is highly recommended to the airports. However, it is certainly recognized that once pavements have deteriorated below a certain condition, the facility would benefit from a more substantial rehabilitation in lieu of localized efforts. Chapter 6 Major Rehabilitation Planning discusses the addressing of pavements through timely rehabilitation once it has deteriorated below a critical PCI where localized repairs may not be as cost effective.

5.1 Localized Maintenance and Repair

Localized maintenance and repair is best applied as a conservation measure and is oftentimes applied to slow the rate of deterioration of distress pavements; however, may be applied as a temporary corrective measure in isolated areas. Localized maintenance and repair can be applied either as a safety (“stopgap”) measure or preventive measure. Example distress types subject to localized preventive maintenance and repair may consist of low-severity longitudinal and transverse cracking and low-severity weathering. In many cases however, localized stopgap repair is applied as a safety measure to address high-severity distress manifestations when major rehabilitation is not funded for a given section with a PCI value below critical PCI. Some agencies may elect to define both types; preventative and stopgap, as localized maintenance.

Localized Stopgap/Safety Maintenance and Repair

Localized Stopgap or Safety Maintenance and Repair is defined as the localized distress repair needed to keep pavements operational in a safe condition. These activities are typically applied to high-severity distresses or distresses affecting operational activities. Typical pavement section PCIs will range from 0 to 65.

Localized Preventive Maintenance and Repair

Localized Preventive Maintenance and Repair is defined as distress maintenance activities performed with the primary objective of slowing the rate of deterioration. These activities typically include crack sealing and patching. Typical pavement section PCIs will be above 65.



5.2 Localized Maintenance and Repair Policy

The resulting Localized Maintenance and Repair recommendations are identified based on the policy defined in **Table 5.2.1** and **Table 5.2.2**, for flexible asphalt concrete and rigid Portland cement concrete pavements, respectively. The activities identified were based on the research of practical pavement treatments in consideration of the FAA **AC 150/5380-6C “Guidelines and Procedures for Maintenance of Airport Pavements”** and the **FDOT Airfield Pavement Distress Repair Manual**. Additionally, the **Engineering Technical Letter (ETL) 14-3: Preventive Maintenance Plan (PMP) for Airfield Pavements** was referenced for conservative application of pavement treatments. The Localized Maintenance and Repair Policy and associated planning-level unit costs were developed in consideration of a network-level analysis – it is strictly intended to provide a glimpse of the condition of the airport pavements with a limited PCI survey effort.

The developed Localized Maintenance and Repair Policy and associated planning-level unit costs were based on a statewide consideration of pavement treatments and review of state construction costs for both Airfield Pavements and from the FDOT Historical Cost Information archives. Furthermore, a consideration of limited repair quantities was factored in the determination of conservative planning-level unit costs. The identified Localized maintenance activities for both preventive and stopgap activities are based on a statewide network approach; project-specific evaluation and maintenance quantities should be developed prior to any construction.

Table 5.2-1 Localized Maintenance and Repair – Flexible Asphalt Concrete

Distress	Severity	Description	Code	Work Type	Work Unit
41	Low	ALLIGATOR CR	FDOT-PA-AF	FDOT - PATCHING - AC FULL DEPTH	SqFt
41	Medium	ALLIGATOR CR	FDOT-PA-AF	FDOT - PATCHING - AC FULL DEPTH	SqFt
41	High	ALLIGATOR CR	FDOT-PA-AF	FDOT - PATCHING - AC FULL DEPTH	SqFt
42	N/A	BLEEDING	FDOT-MO-PV	FDOT - MONITOR	N/A
43	Low	BLOCK CR	FDOT-MO-PV	FDOT - MONITOR	N/A
43	Medium	BLOCK CR	FDOT-CS-AC	FDOT - CRACK SEALING - AC	Ft
43	High	BLOCK CR	FDOT-PA-AP	FDOT - PATCHING - AC PARTIAL DEPTH	SqFt
44	Low	CORRUGATION	FDOT-ML-AC	FDOT - MILLING - AC	SqFt
44	Medium	CORRUGATION	FDOT-ML-AC	FDOT - MILLING - AC	SqFt
44	High	CORRUGATION	FDOT-PA-AF	FDOT - PATCHING - AC FULL DEPTH	SqFt
45	Low	DEPRESSION	FDOT-PA-AF	FDOT - PATCHING - AC FULL DEPTH	SqFt
45	Medium	DEPRESSION	FDOT-PA-AF	FDOT - PATCHING - AC FULL DEPTH	SqFt
45	High	DEPRESSION	FDOT-PA-AF	FDOT - PATCHING - AC FULL DEPTH	SqFt
46	High	JET BLAST	FDOT-PA-AP	FDOT - PATCHING - AC PARTIAL DEPTH	SqFt
46	N/A	JET BLAST	FDOT-PA-AP	FDOT - PATCHING - AC PARTIAL DEPTH	SqFt
47	Low	JT REF. CR	FDOT-MO-PV	FDOT - MONITOR	N/A
47	Medium	JT REF. CR	FDOT-CS-AC	FDOT - CRACK SEALING - AC	Ft
47	High	JT REF. CR	FDOT-CS-AC	FDOT - CRACK SEALING - AC	Ft



Distress	Severity	Description	Code	Work Type	Work Unit
48	Low	L & T CR	FDOT-MO-PV	FDOT - MONITOR	N/A
48	Medium	L & T CR	FDOT-CS-AC	FDOT - CRACK SEALING - AC	Ft
48	High	L & T CR	FDOT-CS-AC	FDOT - CRACK SEALING - AC	Ft
49	N/A	OIL SPILLAGE	FDOT-PA-AP	FDOT - PATCHING - AC PARTIAL DEPTH	SqFt
50	Low	PATCHING	FDOT-MO-PV	FDOT - MONITOR	N/A
50	Medium	PATCHING	FDOT-PA-AF	FDOT - PATCHING - AC FULL DEPTH	SqFt
50	High	PATCHING	FDOT-PA-AF	FDOT - PATCHING - AC FULL DEPTH	SqFt
51	N/A	POLISHED AG	FDOT-SS-LO	FDOT - SURFACE SEAL	SqFt
52	Low	RAVELING	FDOT-SS-LO	FDOT - SURFACE SEAL	SqFt
52	Medium	RAVELING	FDOT-PA-AP	FDOT - PATCHING - AC PARTIAL DEPTH	SqFt
52	High	RAVELING	FDOT-PA-AP	FDOT - PATCHING - AC PARTIAL DEPTH	SqFt
53	Low	RUTTING	FDOT-MO-PV	FDOT - MONITOR	N/A
53	Medium	RUTTING	FDOT-PA-AF	FDOT - PATCHING - AC FULL DEPTH	SqFt
53	High	RUTTING	FDOT-PA-AF	FDOT - PATCHING - AC FULL DEPTH	SqFt
54	Low	SHOVING	FDOT-MO-PV	FDOT - MONITOR	N/A
54	Medium	SHOVING	FDOT-ML-AC	FDOT - MILLING - AC	SqFt
54	High	SHOVING	FDOT-PA-AF	FDOT - PATCHING - AC FULL DEPTH	SqFt
55	N/A	SLIPPAGE CR	FDOT-PA-AP	FDOT - PATCHING - AC PARTIAL DEPTH	SqFt
56	Low	SWELLING	FDOT-MO-PV	FDOT - MONITOR	N/A
56	Medium	SWELLING	FDOT-PA-AF	FDOT - PATCHING - AC FULL DEPTH	SqFt
56	High	SWELLING	FDOT-PA-AF	FDOT - PATCHING - AC FULL DEPTH	SqFt
57	Low	WEATHERING	FDOT-MO-PV	FDOT - MONITOR	N/A
57	Medium	WEATHERING	FDOT-SS-LO	FDOT - SURFACE SEAL	SqFt
57	High	WEATHERING	FDOT-PA-AP	FDOT - PATCHING - AC PARTIAL DEPTH	SqFt

Table 5.2-2 Localized Maintenance and Repair – Rigid Portland Cement Concrete

Distress	Severity	Description	Code	Work Type	Work Unit
61	Low	BLOW-UP	FDOT-PA-PP	FDOT - PATCHING - PCC PARTIAL DEPTH	SqFt
61	Medium	BLOW-UP	FDOT-PA-PF	FDOT - PATCHING - PCC FULL DEPTH	SqFt
61	High	BLOW-UP	FDOT-SL-PC	FDOT - SLAB REPLACEMENT - PCC	SqFt
62	Low	CORNER BREAK	FDOT-CS-PC	FDOT - CRACK SEALING - PCC	Ft
62	Medium	CORNER BREAK	FDOT-PA-PF	FDOT - PATCHING - PCC FULL DEPTH	SqFt
62	High	CORNER BREAK	FDOT-PA-PF	FDOT - PATCHING - PCC FULL DEPTH	SqFt
63	Low	LINEAR CR	FDOT-MO-PV	FDOT - MONITOR	N/A
63	Medium	LINEAR CR	FDOT-CS-PC	FDOT - CRACK SEALING - PCC	Ft
63	High	LINEAR CR	FDOT-PA-PP	FDOT - PATCHING - PCC PARTIAL DEPTH	SqFt



Distress	Severity	Description	Code	Work Type	Work Unit
64	Low	DURABIL. CR	FDOT-MO-PV	FDOT - MONITOR	N/A
64	Medium	DURABIL. CR	FDOT-PA-PF	FDOT - PATCHING - PCC FULL DEPTH	SqFt
64	High	DURABIL. CR	FDOT-SL-PC	FDOT - SLAB REPLACEMENT - PCC	SqFt
65	Low	JT SEAL DMG	FDOT-JS-PC	FDOT - JOINT SEAL - PCC	Ft
65	Medium	JT SEAL DMG	FDOT-JS-PC	FDOT - JOINT SEAL - PCC	Ft
65	High	JT SEAL DMG	FDOT-JS-PC	FDOT - JOINT SEAL - PCC	Ft
66	Low	SMALL PATCH	FDOT-MO-PV	FDOT - MONITOR	N/A
66	Medium	SMALL PATCH	FDOT-PA-PP	FDOT - PATCHING - PCC PARTIAL DEPTH	SqFt
66	High	SMALL PATCH	FDOT-PA-PP	FDOT - PATCHING - PCC PARTIAL DEPTH	SqFt
67	Low	LARGE PATCH	FDOT-MO-PV	FDOT - MONITOR	N/A
67	Medium	LARGE PATCH	FDOT-PA-PF	FDOT - PATCHING - PCC FULL DEPTH	SqFt
67	High	LARGE PATCH	FDOT-PA-PF	FDOT - PATCHING - PCC FULL DEPTH	SqFt
68	N/A	POPOUTS	FDOT-PO-FL	FDOT - POPOUT FILLER	SqFt
69	N/A	PUMPING	FDOT-SB-PC	FDOT – SLAB STABILIZATION - PCC	SqFt
70	Low	SCALING	FDOT-MO-PV	FDOT - MONITOR	N/A
70	Medium	SCALING	FDOT-PA-PP	FDOT - PATCHING - PCC PARTIAL DEPTH	SqFt
70	High	SCALING	FDOT-SL-PC	FDOT - SLAB REPLACEMENT - PCC	SqFt
71	Low	FAULTING	FDOT-MO-PV	FDOT - MONITOR	N/A
71	Medium	FAULTING	FDOT-GR-PP	FDOT - GRINDING (LOCALIZED)	Ft
71	High	FAULTING	FDOT-GR-PP	FDOT - GRINDING (LOCALIZED)	Ft
72	Low	SHAT. SLAB	FDOT-CS-PC	FDOT - CRACK SEALING - PCC	Ft
72	Medium	SHAT. SLAB	FDOT-SL-PC	FDOT - SLAB REPLACEMENT - PCC	SqFt
72	High	SHAT. SLAB	FDOT-SL-PC	FDOT - SLAB REPLACEMENT - PCC	SqFt
73	N/A	SHRINKAGE CR	FDOT-MO-PV	FDOT - MONITOR	N/A
74	Low	JOINT SPALL	FDOT-CS-PC	FDOT - CRACK SEALING - PCC	Ft
74	Medium	JOINT SPALL	FDOT-PA-PP	FDOT - PATCHING - PCC PARTIAL DEPTH	SqFt
74	High	JOINT SPALL	FDOT-PA-PP	FDOT - PATCHING - PCC PARTIAL DEPTH	SqFt
75	Low	CORNER SPALL	FDOT-CS-PC	FDOT - CRACK SEALING - PCC	Ft
75	Medium	CORNER SPALL	FDOT-PA-PP	FDOT - PATCHING - PCC PARTIAL DEPTH	SqFt
75	High	CORNER SPALL	FDOT-PA-PP	FDOT - PATCHING - PCC PARTIAL DEPTH	SqFt
76	Low	ASR	FDOT-MO-PV	FDOT - MONITOR	N/A
76	Medium	ASR	FDOT-PA-PF	FDOT - PATCHING - PCC FULL DEPTH	SqFt
76	High	ASR	FDOT-SL-PC	FDOT - SLAB REPLACEMENT - PCC	SqFt



Table 5.2-3 (a) Localized Repair Planning-Level Unit Costs – Flexible Asphalt Concrete

Code	Name	Cost	Units
FDOT-SS-LO	FDOT - SURFACE SEAL	\$0.55	SqFt
FDOT-ML-AC	FDOT - MILLING - AC	\$2.00	SqFt
FDOT-GR-PP	FDOT - GRINDING (LOCALIZED)	\$2.00	Ft
FDOT-CS-AC	FDOT - CRACK SEALING - AC	\$3.00	Ft
FDOT-MO-PV	FDOT - MONITOR	\$0.00	SqFt
FDOT-PA-AF	FDOT - PATCHING - AC FULL DEPTH	\$6.00	SqFt
FDOT-PA-AP	FDOT - PATCHING - AC PARTIAL DEPTH	\$3.00	SqFt

Table 5.2-3 (b) Localized M&R Planning-Level Unit Costs – Rigid Portland Cement Concrete

Code	Name	Cost	Units
FDOT-PA-PF	FDOT - PATCHING - PCC FULL DEPTH	\$100.00	SqFt
FDOT-SL-PC	FDOT - SLAB REPLACEMENT - PCC	\$30.00	SqFt
FDOT-SB-PC	FDOT - SLAB STABILIZATION - PCC	\$30.00	SqFt
FDOT-PA-PP	FDOT - PATCHING - PCC PARTIAL DEPTH	\$72.00	SqFt
FDOT-PO-FL	FDOT - POPOUT FILLER	\$0.05	SqFt
FDOT-GR-PP	FDOT - GRINDING (LOCALIZED)	\$2.00	Ft
FDOT-CS-PC	FDOT - CRACK SEALING - PCC	\$4.25	Ft
FDOT-MO-PV	FDOT - MONITOR	\$0.00	N/A
FDOT-JS-PC	FDOT - JOINT SEAL - PCC	\$2.75	Ft

*PCC Patching (Full Depth and Partial Depth) consider high-early-strength and high-performing repair material.



5.3 Localized Maintenance and Repair Analysis and Recommendations

The SAPMP provides a planning-level estimation of Localized Maintenance and Repair based on the results of the latest PCI Survey Inspection performed at the airport. Based on the limited sample units inspected, a statistical extrapolation of distresses at the section level is used to estimate the quantities of recommended repair activities based on the policies defined in **5.2 Localized M&R Policy**. The PCI Survey Inspections did not consist of 100% inspection of all sample units; therefore, the section-level distress quantities used to estimate the Localized Maintenance and Repair needs are for conceptual planning purposes. The accuracy of the extrapolated distresses, and therefore work quantities, is subject to the amount of sample units inspected and the concentration of distress types observed in sample units. **Appendix B** provides the estimated Localized Maintenance and Repair based on this SAPMP's PCI Survey Inspection efforts. Localized Preventive Maintenance and Repair is typically applied to pavements that are in a condition at or above the Critical PCI of 65. Localized Stopgap Maintenance and Repair is typically applied to pavements that are below the Critical PCI of 65. It is recommended that airport staff evaluate the application of Localized Maintenance and Repair in concert with the planning of Major Rehabilitation efforts identified in Chapter 6 Major Rehabilitation Planning. Pavements with Stopgap recommendations that are subject to near-term Major Rehabilitation efforts may remove the need to perform localized maintenance efforts.

The following **Table 5.3-1** summarizes the anticipated Localized Maintenance and Repair efforts based on the PCI Survey Inspection efforts performed at this airport as part of this SAPMP System Update. The following table depicts planning-level costs rounded to the nearest ten dollars.

Table 5.3-1 Summary of Airport Localized M&R Planning Cost and Quantity at Network Level

Work Description	Work Category	Rough Estimate of Work Quantity	Work Units	Planning Material Cost
FDOT - CRACK SEALING - PCC	PREVENTIVE	10	Ft	\$ 30.00
FDOT - CRACK SEALING - AC	PREVENTIVE	1,160	Ft	\$ 3,470.00
FDOT - SURFACE SEAL	PREVENTIVE	9,955	SqFt	\$ 5,480.00
FDOT - PATCHING - AC FULL DEPTH	PREVENTIVE	615	SqFt	\$ 3,690.00
FDOT - PATCHING - AC PARTIAL DEPTH	PREVENTIVE	50	SqFt	\$ 150.00
FDOT - JOINT SEAL - PCC	PREVENTIVE	2,095	Ft	\$ 5,760.00
FDOT - CRACK SEALING - AC	STOPGAP	69,505	Ft	\$ 208,510.00
FDOT - PATCHING - AC FULL DEPTH	STOPGAP	20,765	SqFt	\$ 124,590.00
FDOT - PATCHING - AC PARTIAL DEPTH	STOPGAP	137,830	SqFt	\$ 413,480.00
FDOT - SURFACE SEAL	STOPGAP	1,237,810	SqFt	\$ 680,810.00



The following **Table 5.3-2** provides further breakdown of the anticipated planning-level cost at the section level for the pavements exhibiting distresses that would benefit from Localized M&R. The table shows the approximate improved “End Condition” of the section after the application of Localized M&R. The following table depicts planning-level costs rounded to the nearest ten dollars.

Table 5.3-2 Summary of Airport Localized M&R Planning Cost and Quantity at Section Level

Network ID	Branch ID	Section ID	Area (SF)	Start Condition	End Condition	Cost
LCQ	AP E	4205	100,138	47	66	\$ 91,550.00
LCQ	AP E	4210	39,217	52	68	\$ 26,920.00
LCQ	AP E	4212	27,455	57	74	\$ 22,810.00
LCQ	AP E	4215	105,993	41	57	\$ 107,290.00
LCQ	AP E	4220	41,459	47	65	\$ 40,640.00
LCQ	AP E	4228	27,000	4	52	\$ 122,180.00
LCQ	AP E	4230	91,108	39	54	\$ 62,120.00
LCQ	AP E	4235	83,816	48	57	\$ 51,220.00
LCQ	AP E	4250	32,011	50	66	\$ 28,900.00
LCQ	AP NW	4105	263,561	77	81	\$ 4,540.00
LCQ	AP NW	4110	9,384	28	48	\$ 13,620.00
LCQ	AP NW	4130	24,920	94	94	\$ -
LCQ	AP RW10-28	5105	29,370	100	100	\$ -
LCQ	AP RW10-28	5115	62,200	78	78	\$ -
LCQ	AP RW10-28	5120	24,359	100	100	\$ -
LCQ	AP RW10-28	5125	59,444	53	58	\$ 6,620.00
LCQ	AP SW	5130	162,978	90	90	\$ 150.00
LCQ	AP SW	5135	19,999	86	93	\$ 4,710.00
LCQ	RW 10-28	6105	574,700	49	56	\$ 219,910.00
LCQ	RW 10-28	6110	287,350	60	63	\$ 47,740.00
LCQ	RW 10-28	6114	183,000	53	69	\$ 125,270.00
LCQ	RW 10-28	6115	42,500	48	64	\$ 26,720.00
LCQ	RW 10-28	6116	91,500	54	68	\$ 65,870.00
LCQ	RW 10-28	6120	21,250	50	63	\$ 12,980.00
LCQ	RW 5-23	6205	240,000	42	58	\$ 170,660.00
LCQ	RW 5-23	6207	21,932	49	50	\$ 1,230.00
LCQ	RW 5-23	6209	22,150	56	62	\$ 2,430.00
LCQ	T-HANG NW	4115	34,013	59	75	\$ 23,020.00
LCQ	T-HANG NW	4116	2,480	81	91	\$ 1,080.00
LCQ	T-HANG NW	4125	27,917	56	70	\$ 36,960.00
LCQ	TW A	105	294,652	100	100	\$ -
LCQ	TW A	110	134,421	100	100	\$ -
LCQ	TW A	120	19,420	100	100	\$ -



Network ID	Branch ID	Section ID	Area (SF)	Start Condition	End Condition	Cost
LCQ	TW A1	130	24,489	100	100	\$ -
LCQ	TW A1	135	17,500	100	100	\$ -
LCQ	TW A1	140	56,925	85	89	\$ 630.00
LCQ	TW B	202	29,562	100	100	\$ -
LCQ	TW B	210	159,830	100	100	\$ -
LCQ	TW B	215	15,646	100	100	\$ -
LCQ	TW B	220	247,495	100	100	\$ -
LCQ	TW C	305	29,985	100	100	\$ -
LCQ	TW C	310	54,377	72	77	\$ 7,490.00
LCQ	TW D	405	86,039	39	55	\$ 111,750.00
LCQ	TW D	410	13,694	47	62	\$ 9,320.00

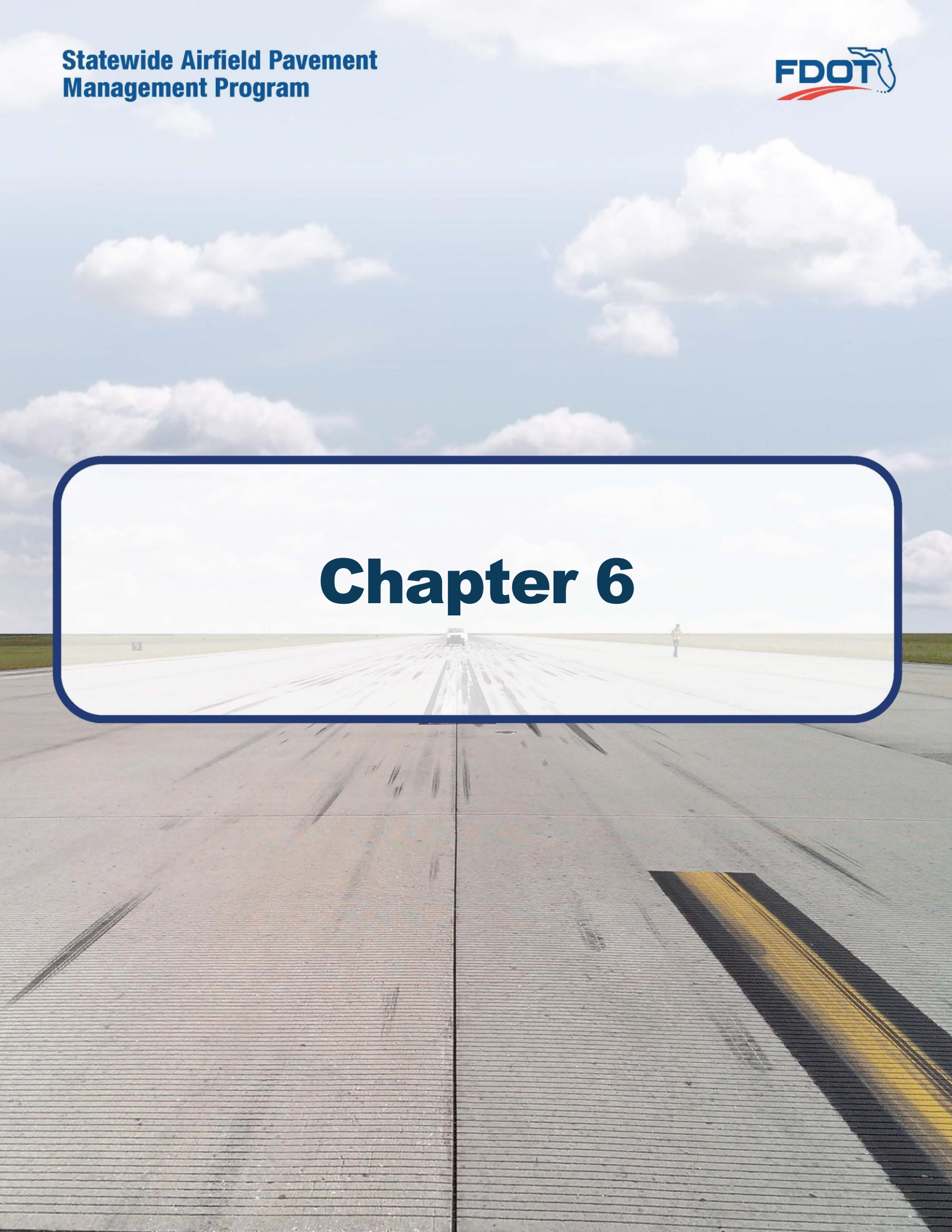


The following **Table 5.3-3** provides a summary of the anticipated planning-level costs for Localized Preventive Maintenance and Repair and Localized Stopgap Maintenance and Repair. The following table depicts planning-level costs rounded to the nearest ten dollars.

Table 5.3-3 Summary of Localized Maintenance

Work Category	Cost
Preventive	\$ 18,580.00
Stopgap	\$ 1,427,390.00
<i>Planning-Level Localized M&R Needs =</i>	<i>\$ 1,445,970.00</i>

Chapter 6





Chapter 6 – Major Rehabilitation Planning

6.1 Major Rehabilitation

Major rehabilitation is recommended to correct or improve structural deficiencies and/or functional deterioration for pavement sections within a network. Often, when pavements are subject to significant changes in the aircraft fleet mix (frequency and type), major rehabilitation is required to provide a pavement section to meet the traffic demand. Major rehabilitation is recommended when a pavement section falls below the Critical PCI value that is defined during the system customization or if a pavement section has a significant observation of load-related distress. Observation of any load-related distress potentially indicates that the section may be structurally deficient or that the aircraft loads being applied to the pavement section are different than what the section was designed for. **Figures 6.1-1 and 6.1-2** depict the decision process for major rehabilitation project identification with the assumption of available funds. Should funding be unavailable for pavement sections in need of major rehabilitation, the airport may elect to apply the appropriate localized stopgap repair.

Figure 6.1-1 Major Rehabilitation Planning Decision Diagram, $PCI \leq \text{Critical PCI}$

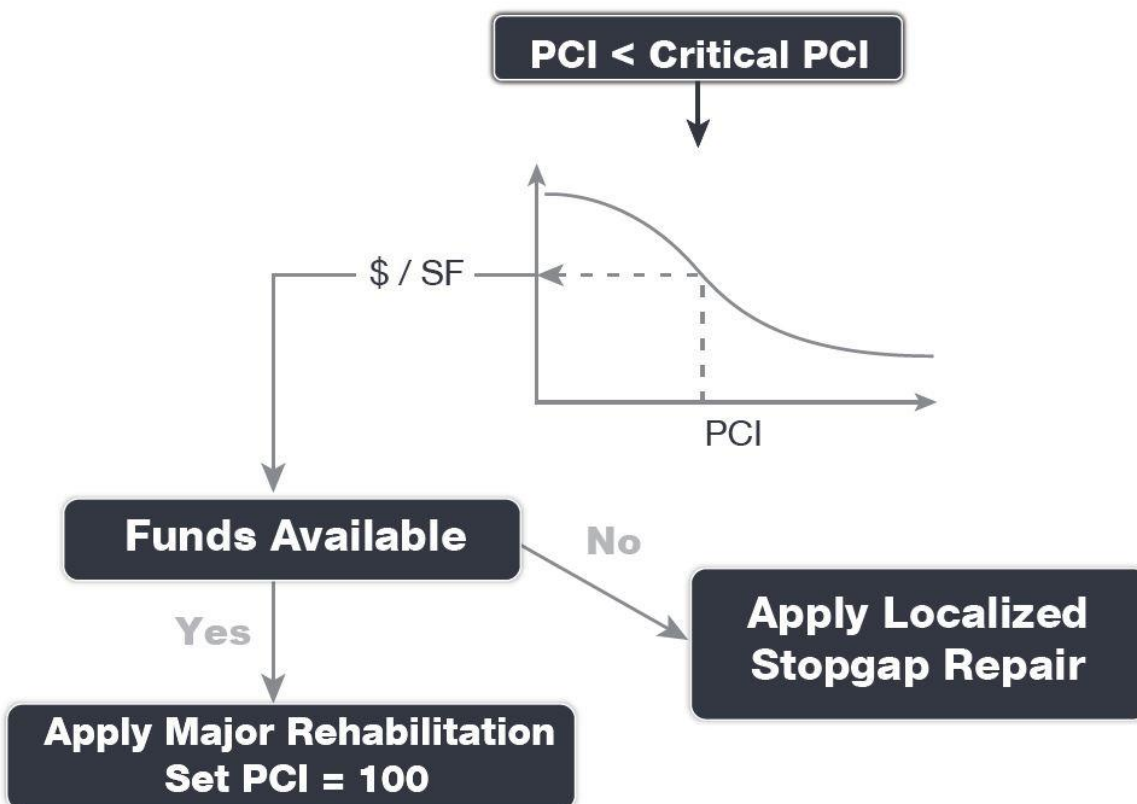
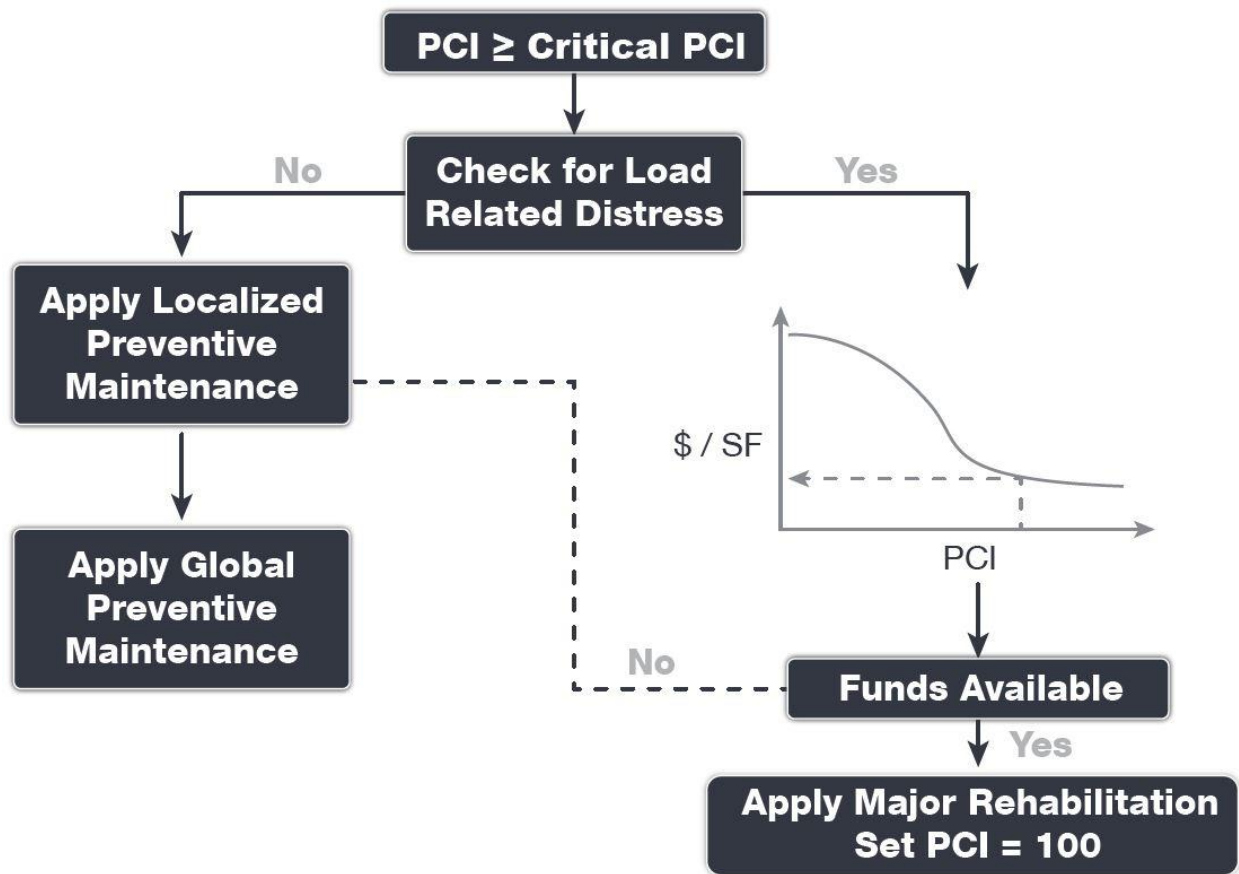




Figure 6.1-2 Major Rehabilitation Planning Decision Diagram, $PCI > \text{Critical } PCI$





6.1.1 Critical PCI

For the FDOT SAPMP the development of a major rehabilitation program is based on the Critical PCI concept. The **Critical PCI** concept assumes that it is more cost-effective to maintain pavements above, rather than below their critical PCI. It is assumed that once a pavement section deteriorates to the Critical PCI value that it is more cost-effective to complete a major rehabilitation project rather than continuing to apply preventive maintenance. This method includes defining the Critical PCI and introducing major rehabilitation work types.

Identification of annual and long-range Major Rehabilitation work plans are typically based on the Critical PCI concept. The Critical PCI is defined as the PCI value at which the rate of loss (deterioration) increases with time, or the cost of applying localized maintenance and repair increases or is not effective. A Critical PCI is usually within a range of 55 and 70; the following procedure is standard approach in developing a specific Critical PCI:

1. Develop a pavement performance model and refine a prediction model for the pavements considered.
2. Select a localized maintenance and repair policy to be used in developing a work plan.
3. Apply the selected localized policy to the pavement sections for a range of PCI.
4. Compute the unit cost per area for each PCI range.
5. Plot the cost versus the PCI.
6. Determine the Critical PCI based on the point where the cost is insignificant.

The FDOT SAPMP defines the Critical PCI at 65 – this is based on the historic trends in pavement performance and Statewide planning efforts.

6.1.2 FDOT Recommended Minimum Service-Level PCI

The FDOT has recommended **Minimum Service-Level PCI** for airports' airfield pavements based on the following characteristics; airport type within FDOT SAPMP, branch use, and expected aircraft operations. For the purposes of Major Rehabilitation, the Critical PCI is typically the threshold condition that triggers major construction, however it is recommended that the airports maintain the Minimum Service-Level PCI with a combination of Localized Maintenance and Repair and timely Major Rehabilitation. **Table 6.1.2** summarizes the FDOT Recommended Minimum Service-Level PCI.

Table 6.1.2 FDOT Recommended Minimum Service-Level PCI

Branch Use	FDOT Recommended PCI	Additional Consideration
Runway	75	Aircraft Fleet Mix Changes Primary Runway
Taxiway / Taxilane	65	Aircraft Fleet Mix Changes Expected Operations
Aprons / Run-Ups / Ramps	60	Ground Service Equipment Non-Aircraft Operations (e.g. fueling)



6.2 Major Rehabilitation Policy

6.2.1 Major Rehabilitation Pavement Section Development

The review of the existing as-built record documentation within the participating airports' archives was used as the basis of the conceptual pavement design sections. Refinement of the pavement section layers was performed in consideration of the FAA **AC 150/5320-6F "Airport Pavement Design and Evaluation."** It should be noted that no subsurface geotechnical investigation, ALTA/ACSM Survey, topographic survey, utilities survey, environmental, or site specific air traffic study(s) have been utilized in the development of the design criteria. No warranty or assurance is implied in this document for final design nor construction for any airfield pavements discussed within this report. The following **Tables 6.2.1 (a) and (b)** provide details on the conceptual pavement sections developed for this study.

Major rehabilitation is divided into two policy categories as part of this program: Full-Depth Reconstruction (Reconstruction) and Intermediate-Level Major Rehabilitation (Restoration). Based on the pavement type, the general categories are defined as AC Reconstruction and AC Restoration for AC, AAC, and APC flexible pavement types and PCC Reconstruction and PCC Restoration for PCC rigid pavement types. The pavement sections have been based on the average GA Airport Type requirements; no pavement design has been performed in accordance with AC 150/5320-6F for the determined conceptual sections.

Table 6.2.1 (a) Conceptual Pavement Section for Major Rehabilitation – Flexible Asphalt Concrete

Rehabilitation Type	General Aviation (GA) Airport
AC Restoration <i>Combination of asphalt pavement milling and overlay with 25% of the areas subject to full-depth reconstruction.</i> PCI = 41 to 65	75% Mill and Overlay P-101 AC Milling (2") P-603 Bituminous Tack P-401 (HMA) (2") 25% AC Reconstruction P-101 Pavement Removal P-152 Subgrade (12") P-211 Base (6") P-602 Bituminous Prime P-603 Bituminous Tack P-401 HMA (2") <i>Excludes any paved shoulder features.</i>
AC Reconstruction <i>Full-depth asphalt pavement section reconstruction.</i> PCI = 40 or less	P-101 Pavement Removal P-152 Subgrade (12") P-211 Base (6") P-602 Bituminous Prime P-603 Bituminous Tack P-401 HMA (2") <i>Excludes any paved shoulder features.</i>



Table 6.2.1 (b) Conceptual Pavement Section for Major Rehabilitation – Rigid Portland Cement Concrete

Rehabilitation Type	General Aviation (GA) Airport
PCC Restoration <i>Restoration of PCC pavement with a combination of crack sealing, joint seal replacement, and replacement of 25% of slab panels.</i> PCI = 41 to 65	P-101 Pavement Removal P-605 Joint Seal Repair P-152 Subgrade (6") P-211 Base (if needed, typical) (6") P-501 Rigid PCC (10") *Select Slabs (25%) **Crack Seal and Limited Patching
PCC Reconstruction <i>Full-depth rigid pavement section reconstruction.</i> PCI = 40 or less	P-101 Pavement Removal P-605 Joint Seal Repair P-152 Subgrade (6") P-211 Base (6") P-501 Rigid PCC (10")

The identification of rehabilitation needs and conceptual pavement sections have been determined at the planning level. Design-level investigation is recommended prior to developing construction-level design documents and budgets.

In compliance with FAA Grant Assurances 11 and 19, the FDOT SAPMP provides airports with airfield pavement evaluation reports in accordance with **FAA AC 150/5380-7B Airport Pavement Management Program (PMP)** and **AC 150/5380-6C Guidelines and Procedures for Maintenance of Airport Pavements**. The application of the results of a PCI survey are for planning purposes and are limited to the visual observation of deteriorated pavements in limited sampling; design-level investigation is recommended in accordance with the FAA procedures defined in **AC 5320-6F Airport Pavement Design and Evaluation** and **AC 150/5370-11B Use of Nondestructive Testing in the Evaluation of Airport Pavements**. The aforementioned ACs provide the design-level material properties of in-situ pavement and subgrade layers for the determination of appropriate rehabilitation actions. The FDOT SAPMP is organized to provide airports with planning-level data and does not intend to preclude the responsible engineer in performing the appropriate level of investigation and analysis in determining the appropriate design details of a pavement rehabilitation. It would not be advisable to solely base design-level rehabilitation without the appropriate level of investigation and determination of pavement deterioration beyond that of a visual functional condition assessment.

6.2.2 Major Rehabilitation Planning-Level Unit Costs

Planning-level opinion of probable construction unit costs developed for this System Update was based on archived bid tabulations and records from airfield pavement projects provided by participating airports. A review of cost trends and cost factors have been incorporated to assist airports in planning for project budgets. Neither FDOT nor the Consultant Team has control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable construction costs



provided herein are based on the information known to FDOT at this time and represent only the Consultant Team's judgment as a design professional familiar with the construction industry. This report cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable construction costs.

Table 6.2.2 General Aviation Major Rehabilitation Planning-Level Unit Cost by Pavement Type

Rehabilitation Type	PCI Range	Flexible Asphalt Concrete Cost Per SF	Rigid Portland Cement Concrete Cost per SF
Restoration	41 to 65	\$ 7.00	\$ 10.00
Reconstruction	0 to 40	\$ 9.00	\$ 15.00

Planning-level opinion of probable construction unit costs consider factors for non-pavement improvements, QA/QC testing, and administrative costs.

6.3 Major Rehabilitation Needs

The objective of the major pavement rehabilitation needs analysis is to provide planning-level projects within an airport's airfield pavement network. Major rehabilitation activities are recommended when a pavement section has deteriorated below the Critical PCI value, a point at which localized maintenance and repair activities may not be the most cost-effective solution. In addition, major rehabilitation is also recommended when the Section PCI is at or above the Critical PCI but the section has significant load-related PCI distresses. Identification of rehabilitation needs is done at the Airfield Pavement Network Definition's section level. This however does not limit the airport from further refining limits of project planning areas.

Major rehabilitation is identified within the FDOT SAPMP as major construction activity that would result in an improvement or resetting of the pavement section's PCI to a value of 100. Major rehabilitation recommendations (AC Restoration, AC Reconstruction, PCC Restoration, and PCC Reconstruction) should be considered as planning-level only. Additional design-level investigation in accordance to the FAA Advisory Circulars will be required. Recommendations identified within this planning document do not imply final design.

6.3.1 10-Year Unconstrained Budget Major Rehabilitation Needs

An unconstrained budget (unlimited budget) is performed for a 10-year duration to identify pavement rehabilitation needs based on current or forecasted PCI values deteriorating below the Critical PCI. FDOT recognizes airports are constrained by budgets and does not intend to convey an unrealistic approach of addressing pavement rehabilitation. The intent of the 10-Year Major Rehabilitation Needs analysis is to identify pavements that will warrant rehabilitation. It is highly recommended that airport staff utilize this information in support of the development of a practical Capital Improvement Program based on priorities, further design/project-level investigation, and budgetary constraints. The following **Table 6.3.1** summarizes all identified section-level major rehabilitation needs forecasted for the next 10-year period. It should be noted that the following table depicts planning-level costs and have been rounded for planning purposes.



Table 6.3.1 10-Year Major Rehabilitation Needs

Program Year	Network ID	Branch ID	Section ID	Surface	Area (SF)	PCI Before	Rehabilitation Type	Planning Cost
2018	LCQ	AP E	4205	AC	100,138	45	AC Restoration	\$ 790,000.00
2018	LCQ	AP E	4210	AC	39,217	50	AC Restoration	\$ 275,000.00
2018	LCQ	AP E	4212	AC	27,455	55	AC Restoration	\$ 193,000.00
2018	LCQ	AP E	4215	AC	105,993	39	AC Restoration	\$ 954,000.00
2018	LCQ	AP E	4220	AC	41,459	45	AC Restoration	\$ 327,000.00
2018	LCQ	AP E	4228	AC	27,000	2	AC Reconstruction	\$ 244,000.00
2018	LCQ	AP E	4230	AC	91,108	37	AC Reconstruction	\$ 821,000.00
2018	LCQ	AP E	4235	AC	83,816	46	AC Restoration	\$ 645,000.00
2018	LCQ	AP E	4250	AC	32,011	48	AC Restoration	\$ 234,000.00
2018	LCQ	AP NW	4110	AC	9,384	26	AC Reconstruction	\$ 85,000.00
2018	LCQ	AP RW10-28	5125	AC	59,444	51	AC Restoration	\$ 417,000.00
2018	LCQ	RW 10-28	6105	AC	574,700	47	AC Restoration	\$ 4,307,000.00
2018	LCQ	RW 10-28	6110	AC	287,350	58	AC Restoration	\$ 2,012,000.00
2018	LCQ	RW 10-28	6114	AAC	183,000	50	AC Restoration	\$ 1,282,000.00
2018	LCQ	RW 10-28	6115	AAC	42,500	45	AC Restoration	\$ 339,000.00
2018	LCQ	RW 10-28	6116	AAC	91,500	51	AC Restoration	\$ 641,000.00
2018	LCQ	RW 10-28	6120	AAC	21,250	47	AC Restoration	\$ 160,000.00
2018	LCQ	RW 5-23	6205	AAC	240,000	39	AC Restoration	\$ 2,161,000.00
2018	LCQ	RW 5-23	6207	AC	21,932	47	AC Restoration	\$ 165,000.00
2018	LCQ	RW 5-23	6209	AC	22,150	54	AC Restoration	\$ 156,000.00
2018	LCQ	T-HANG NW	4115	AC	34,013	57	AC Restoration	\$ 239,000.00
2018	LCQ	T-HANG NW	4125	AC	27,917	54	AC Restoration	\$ 196,000.00
2018	LCQ	TW D	405	AC	86,039	37	AC Reconstruction	\$ 775,000.00
2018	LCQ	TW D	410	AC	13,694	45	AC Restoration	\$ 109,000.00
2024	LCQ	TW C	310	AC	54,377	64	AC Restoration	\$ 381,000.00
2025	LCQ	AP NW	4105	AC	263,561	64	AC Restoration	\$ 1,845,000.00
2026	LCQ	AP RW10-28	5115	AC	62,200	63	AC Restoration	\$ 436,000.00
2027	LCQ	AP SW	5135	PCC	19,999	64	PCC Restoration	\$ 200,000.00

*All values have been rounded to the nearest thousand-dollar.

The following **Figure 6.3.1-1** summarizes the section-level major rehabilitation needs for a 10-year period between 2018 and 2027. **Figure 6.3.1-2** provides an inset view of Airfield Pavement Major Rehabilitation Exhibit, a large format exhibit is located in **Appendix C Technical Exhibits**. The exhibit graphically depicts the Major Rehabilitation Needs with rounded costs.



Figure 6.3.1-1 10-Year Major Rehabilitation Needs by Program Year

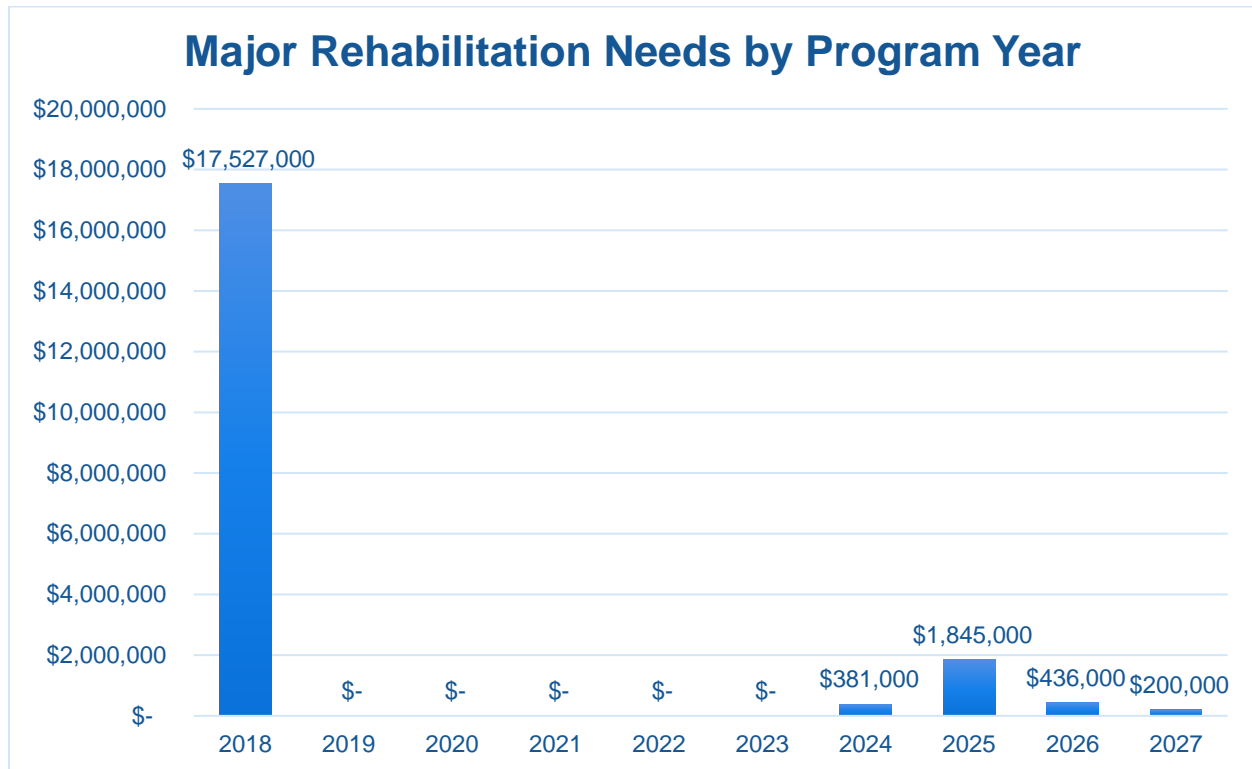
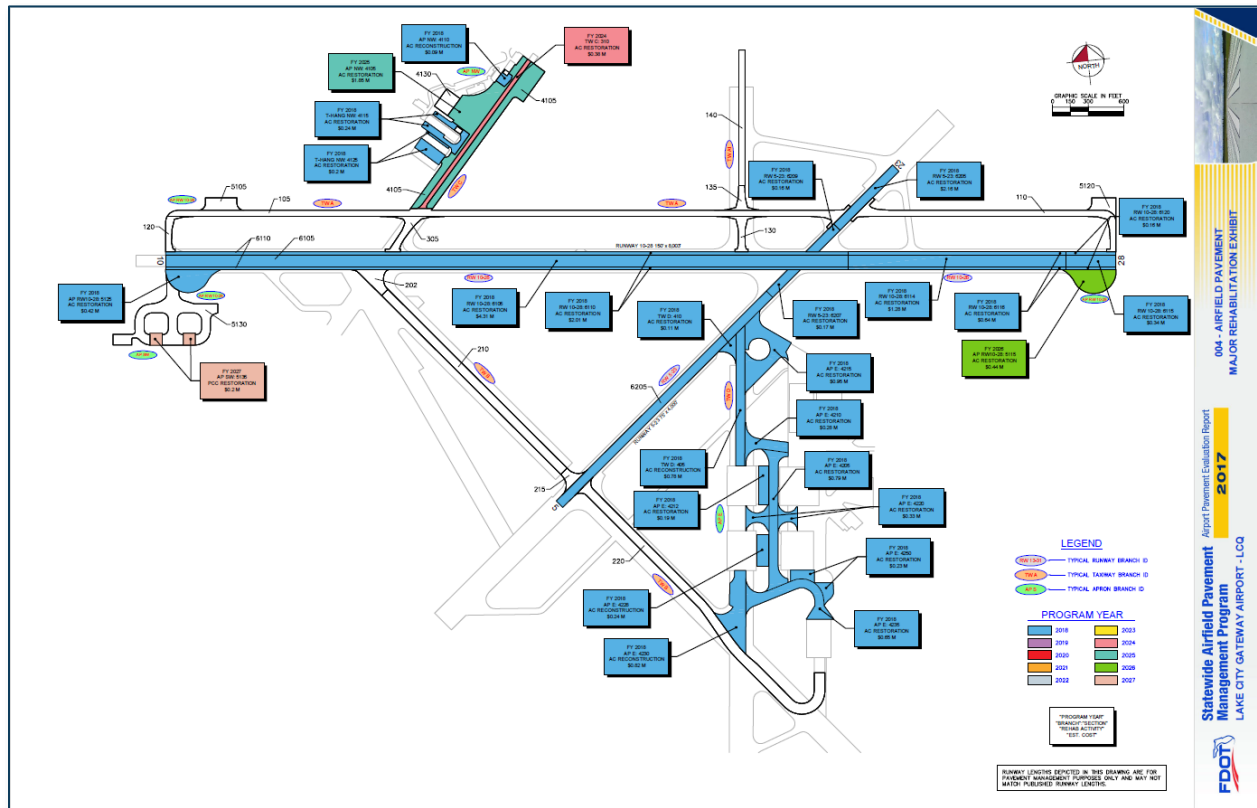
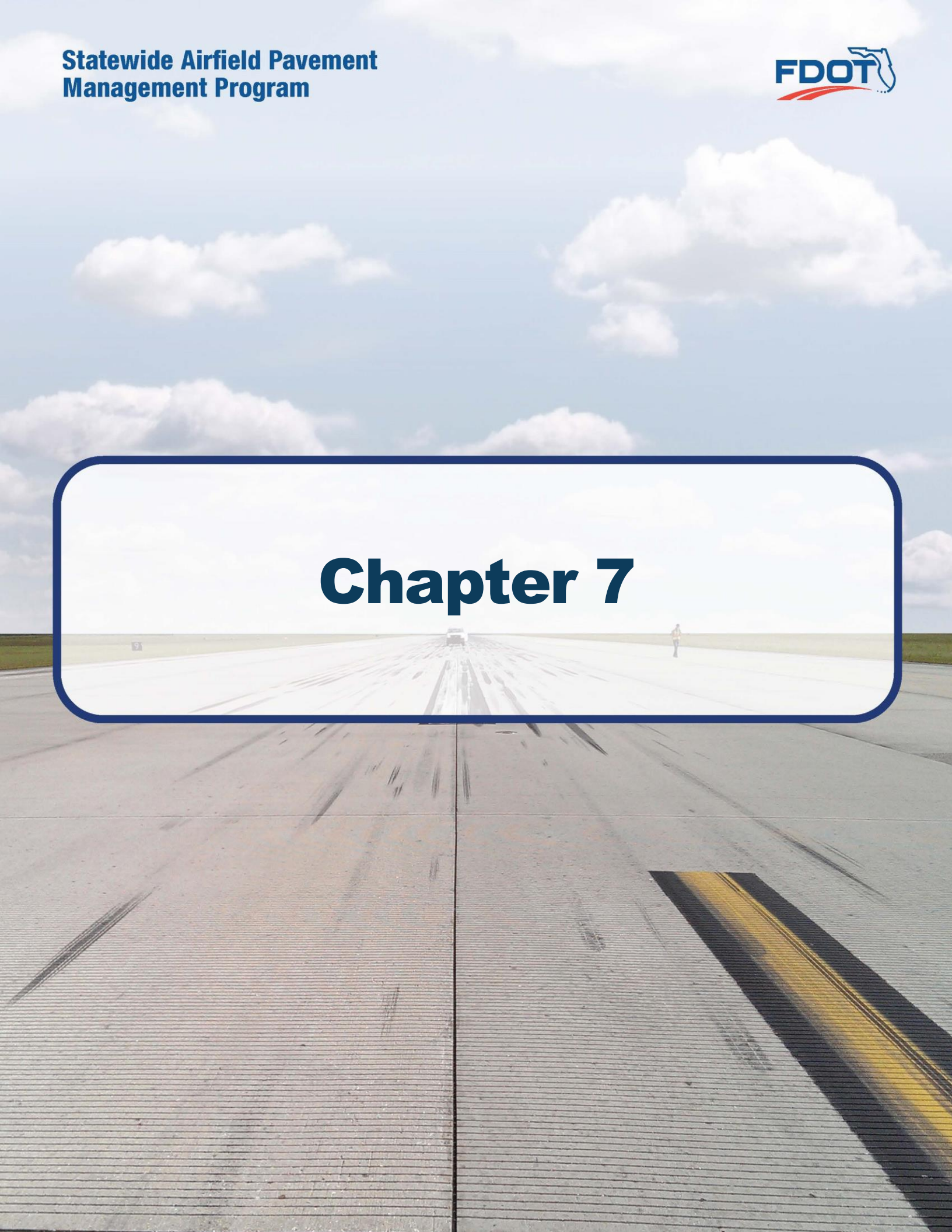




Figure 6.3.1-2 10-Year Major Rehabilitation Needs by Program Year Exhibit



Chapter 7





Chapter 7 – Conclusion

7.1 Recommendations

7.1.1 Continued PCI Survey Inspections

It is recommended that the airport continue to perform regularly scheduled PCI Survey inspections in accordance with the ASTM D5340-12 (or latest edition) to monitor the condition of the airfield pavement facilities.

A high priority should be considered for continuous maintenance record keeping and re-inspection of all the airport's maintained pavement facilities to ensure continued safe aircraft operations. A series of scheduled periodic inspections must be carried out for an effective maintenance program. Re-inspection of pavements should be scheduled in a timely manner to ensure that all areas, particularly those that may not come under day-to-day observation, are thoroughly evaluated and reported.

7.1.2 Localized Maintenance and Repair

While deterioration of the pavements due to usage and exposure to the environment cannot be completely prevented, applying timely and effective maintenance efforts can slow the anticipated rate of deterioration. Lack of adequate and timely maintenance is the significant factor in pavement deterioration.

It is recommended that airport sponsors coordinate with their respective Airport Maintenance staff and Airport Engineer when developing project-level maintenance and repair efforts.

7.1.3 Major Rehabilitation

Chapter 6 – Major Rehabilitation Planning identified major pavement rehabilitation project needs from 2018-2027. The identification of the rehabilitation needs was performed at the section level for manageable project areas with the assumption of an unconstrained budget scenario. Given the uncertainty in the airport-specific budget information and prioritization goals, the unconstrained budget scenario was performed to evaluate the worst-case scenario and identify all the inspected pavements' needs in a 10-year period. Certainly, it is understood that most airports are faced with constrained budgets; further evaluation of projects based on prioritization, operational criticality, funding availability, and practicality is recommended.

7.1.4 Pavement Management System

The following recommendations are made to fully implement an effective pavement management program for the airport:

- ▶ Develop a detailed preventive maintenance program for the airport.
- ▶ Further refine and implement the identified 10-year major rehabilitation needs.
- ▶ Maintain detailed records on pavement maintenance, construction, and inspection.
- ▶ Maintain records on major pavement construction projects (year, scope, cost, and construction documents).



7.2 Supporting Documents

001 – Airfield Pavement Network Definition Exhibit

The Airfield Pavement Network Definition Exhibit is located in **Appendix C Technical Exhibits**. The exhibit depicts the airfield layout in a manner that defines the airfield pavement infrastructure as branches, sections, and sample units in accordance with the ASTM D5340-12. The exhibit is intended for planning purposes only – further detail on facilities can be found on the Airport's adopted Airport Layout Plan. Detailed characteristics are tabulated in **Appendix A Pavement Analysis Tables**.

002 – Airfield Pavement System Inventory Exhibit

The Airfield Pavement System Inventory Exhibit is located in **Appendix C Technical Exhibits**. The exhibit depicts any recent and/or anticipated construction activity within the airfield pavement facilities reported by airport staff. The exhibit is intended to schematically identify the pavement limits of works and general work description. The information reported on the **Airport Response Form** provided by each participating airport was used as the basis of the changes; furthermore, changes are confirmed at the airport with airport staff during the in-brief and debrief meeting.

003 – Airfield Pavement Condition Index Exhibit

The Airfield Pavement Condition Index Exhibit is located in **Appendix C Technical Exhibits**. The exhibit is a visual summary of the latest conditions calculated from the results of the PCI Survey performed at the airport. The analysis of the distresses surveyed in accordance with the ASTM D5340-12 (referenced in **Appendix E Inspection Distress Details**) were analyzed using PAVER™ software to determine PCI values. The PCI values are identified in the exhibit and graphically represented using the standard ASTM D5340-12 colors for condition rating categories.

004 – Airfield Pavement Major Rehabilitation Exhibit

The Airfield Pavement Major Rehabilitation Exhibit is located in **Appendix C Technical Exhibits**. The exhibit has been prepared based on the section condition analysis, pavement condition forecasts, and major rehabilitation needs analysis. The exhibit graphically depicts the inventory with the associated rehabilitation type activity, program year, and the planning-level costs. The area limits, rehabilitation type, and planning-level costs should not be considered a design-level recommendation. A tabulation of the 10-Year Major Rehabilitation is located in **Appendix B Airfield Pavement Localized Maintenance and Repair and Major Rehabilitation**.

Inspection Photograph Documentation

Representative field conditions from the PCI Survey are documented with digital photographs located in **Appendix D Inspection Photograph Documentation**. Select photographs are provided with limited caption on the distresses observed – the Appendix does not contain photographs for every sample unit.



7.3 Conclusion

The FDOT SAPMP Update Phase 1 2016-2017 was completed for the airport on behalf of the FDOT ASO in accordance with the Advisory Circulars **150/5380-7B “Airport Pavement Management Program (PMP)”** and **150/5380-6C “Guidelines and Procedures for Maintenance of Airport Pavements.”** FDOT’s implementation of the SAPMP has assisted public airports with this requirement in performing PCI survey inspections and analysis in accordance with the ASTM **D5340-12 “Standard Test Method for Airport Pavement Condition Index Surveys.”**

Appendix A

Airfield Pavement Analysis Tables



Table A-1 Pavement System Inventory Details

Network ID	Branch Name	Branch ID	Branch Use	Section ID	Length (FT)	Width (FT)	Area (SF)	Surface Type	Est. Last Construction Date
LCQ	EAST APRON	AP E	APRON	4205	1100	80	100,138	AC	12/25/1999
LCQ	EAST APRON	AP E	APRON	4210	350	100	39,217	AC	12/25/1999
LCQ	EAST APRON	AP E	APRON	4212	320	100	27,455	AC	12/25/1999
LCQ	EAST APRON	AP E	APRON	4215	475	200	105,993	AC	1/1/1997
LCQ	EAST APRON	AP E	APRON	4220	350	70	41,459	AC	12/25/1999
LCQ	EAST APRON	AP E	APRON	4228	260	100	27,000	AC	12/25/1999
LCQ	EAST APRON	AP E	APRON	4230	650	100	91,108	AC	1/1/1997
LCQ	EAST APRON	AP E	APRON	4235	1100	80	83,816	AC	12/25/1999
LCQ	EAST APRON	AP E	APRON	4250	300	80	32,011	AC	12/25/1999
LCQ	NORTH APRON	AP NW	APRON	4105	3300	50	263,561	AC	1/1/2004
LCQ	NORTH APRON	AP NW	APRON	4110	95	93	9,384	AC	1/1/1992
LCQ	NORTH APRON	AP NW	APRON	4130	178	145	24,920	AC	1/1/2013
LCQ	RUN UP AND TURNAROUND APRON RW10-28	AP RW10-28	APRON	5105	265	105	29,370	AC	1/29/2016
LCQ	RUN UP AND TURNAROUND APRON RW10-28	AP RW10-28	APRON	5115	220	200	62,200	AC	1/1/1997
LCQ	RUN UP AND TURNAROUND APRON RW10-28	AP RW10-28	APRON	5120	200	105	24,359	AC	1/29/2016
LCQ	RUN UP AND TURNAROUND APRON RW10-28	AP RW10-28	APRON	5125	220	200	59,444	AC	1/1/1997
LCQ	SOUTHWEST APRON	AP SW	APRON	5130	2175	75	162,978	AC	7/1/2010
LCQ	SOUTHWEST APRON	AP SW	APRON	5135	200	100	19,999	PCC	7/1/2010
LCQ	RUNWAY 10-28	RW 10-28	RUNWAY	6105	5625	100	574,700	AC	1/1/1985
LCQ	RUNWAY 10-28	RW 10-28	RUNWAY	6110	11250	25	287,350	AC	1/1/1985
LCQ	RUNWAY 10-28	RW 10-28	RUNWAY	6114	1200	100	183,000	AAC	1/1/1998
LCQ	RUNWAY 10-28	RW 10-28	RUNWAY	6115	1180	100	42,500	AAC	1/1/1998
LCQ	RUNWAY 10-28	RW 10-28	RUNWAY	6116	2400	25	91,500	AAC	1/1/1998
LCQ	RUNWAY 10-28	RW 10-28	RUNWAY	6120	2360	25	21,250	AAC	1/1/1998
LCQ	RUNWAY 5-23	RW 5-23	RUNWAY	6205	3850	75	240,000	AAC	1/1/1992
LCQ	RUNWAY 5-23	RW 5-23	RUNWAY	6207	45	75	21,932	AC	1/1/1985
LCQ	RUNWAY 5-23	RW 5-23	RUNWAY	6209	35	75	22,150	AC	1/1/1985
LCQ	TAXILANE TO T-HANGARS	T-HANG NW	TAXILANE	4115	820	55	34,013	AC	1/1/2004
LCQ	TAXILANE TO T-HANGARS	T-HANG NW	TAXILANE	4116	63	54	2,480	PCC	1/1/2004



Network ID	Branch Name	Branch ID	Branch Use	Section ID	Length (FT)	Width (FT)	Area (SF)	Surface Type	Est. Last Construction Date
LCQ	TAXILANE TO T-HANGARS	T-HANG NW	TAXILANE	4125	270	118	27,917	AC	1/1/2004
LCQ	TAXIWAY A	TW A	TAXIWAY	105	5700	50	294,652	AC	1/29/2016
LCQ	TAXIWAY A	TW A	TAXIWAY	110	2500	50	134,421	AC	1/29/2016
LCQ	TAXIWAY A	TW A	TAXIWAY	120	300	50	19,420	AC	1/29/2016
LCQ	TAXIWAY A1	TW A1	TAXIWAY	130	750	40	24,489	AC	1/29/2016
LCQ	TAXIWAY A1	TW A1	TAXIWAY	135	200	50	17,500	AC	1/29/2016
LCQ	TAXIWAY A1	TW A1	TAXIWAY	140	400	142	56,925	AC	1/1/2004
LCQ	TAXIWAY B	TW B	TAXIWAY	202	255	160	29,562	AC	6/1/2017
LCQ	TAXIWAY B	TW B	TAXIWAY	210	1860	75	159,830	AC	6/1/2017
LCQ	TAXIWAY B	TW B	TAXIWAY	215	140	75	15,646	AC	6/1/2017
LCQ	TAXIWAY B	TW B	TAXIWAY	220	2750	90	247,495	AC	6/1/2017
LCQ	TAXIWAY C	TW C	TAXIWAY	305	860	53	29,985	AC	1/29/2016
LCQ	TAXIWAY C	TW C	TAXIWAY	310	1600	50	54,377	AC	1/1/2004
LCQ	TAXIWAY D	TW D	TAXIWAY	405	1069	75	86,039	AC	1/1/1992
LCQ	TAXIWAY D	TW D	TAXIWAY	410	200	50	13,694	AC	1/1/1992



Table A-2 Pavement Condition Index Summary (Last Inspection) – Section Level

Network ID	Branch Name	Branch Use	Section ID	Area (SF)	PCI	Condition Rating
LCQ	RUNWAY 10-28	RUNWAY	6105	574,700	49	Poor
LCQ	RUNWAY 10-28	RUNWAY	6110	287,350	60	Fair
LCQ	RUNWAY 10-28	RUNWAY	6114	183,000	53	Poor
LCQ	RUNWAY 10-28	RUNWAY	6115	42,500	48	Poor
LCQ	RUNWAY 10-28	RUNWAY	6116	91,500	54	Poor
LCQ	RUNWAY 10-28	RUNWAY	6120	21,250	50	Poor
LCQ	RUNWAY 5-23	RUNWAY	6205	240,000	42	Poor
LCQ	RUNWAY 5-23	RUNWAY	6207	21,932	49	Poor
LCQ	RUNWAY 5-23	RUNWAY	6209	22,150	56	Fair
LCQ	TAXIWAY A	TAXIWAY	105	294,652	100	Good
LCQ	TAXIWAY A	TAXIWAY	110	134,421	100	Good
LCQ	TAXIWAY A	TAXIWAY	120	19,420	100	Good
LCQ	TAXIWAY A1	TAXIWAY	130	24,489	100	Good
LCQ	TAXIWAY A1	TAXIWAY	135	17,500	100	Good
LCQ	TAXIWAY A1	TAXIWAY	140	56,925	85	Satisfactory
LCQ	TAXIWAY B	TAXIWAY	202	29,562	100	Good
LCQ	TAXIWAY B	TAXIWAY	210	159,830	100	Good
LCQ	TAXIWAY B	TAXIWAY	215	15,646	100	Good
LCQ	TAXIWAY B	TAXIWAY	220	247,495	100	Good
LCQ	TAXIWAY C	TAXIWAY	305	29,985	100	Good
LCQ	TAXIWAY C	TAXIWAY	310	54,377	72	Satisfactory
LCQ	TAXIWAY D	TAXIWAY	405	86,039	39	Very Poor
LCQ	TAXIWAY D	TAXIWAY	410	13,694	47	Poor
LCQ	TAXILANE TO T-HANGARS	TAXILANE	4115	34,013	59	Fair
LCQ	TAXILANE TO T-HANGARS	TAXILANE	4116	2,480	81	Satisfactory
LCQ	TAXILANE TO T-HANGARS	TAXILANE	4125	27,917	56	Fair
LCQ	NORTH APRON	APRON	4105	263,561	77	Satisfactory
LCQ	NORTH APRON	APRON	4110	9,384	28	Very Poor
LCQ	NORTH APRON	APRON	4130	24,920	94	Good
LCQ	EAST APRON	APRON	4205	100,138	47	Poor
LCQ	EAST APRON	APRON	4210	39,217	52	Poor
LCQ	EAST APRON	APRON	4212	27,455	57	Fair
LCQ	EAST APRON	APRON	4215	105,993	41	Poor
LCQ	EAST APRON	APRON	4220	41,459	47	Poor
LCQ	EAST APRON	APRON	4228	27,000	4	Failed
LCQ	EAST APRON	APRON	4230	91,108	39	Very Poor
LCQ	EAST APRON	APRON	4235	83,816	48	Poor
LCQ	EAST APRON	APRON	4250	32,011	50	Poor



Network ID	Branch Name	Branch Use	Section ID	Area (SF)	PCI	Condition Rating
LCQ	RUN UP AND TURNAROUND APRON RW10-28	APRON	5105	29,370	100	Good
LCQ	RUN UP AND TURNAROUND APRON RW10-28	APRON	5115	62,200	78	Satisfactory
LCQ	RUN UP AND TURNAROUND APRON RW10-28	APRON	5120	24,359	100	Good
LCQ	RUN UP AND TURNAROUND APRON RW10-28	APRON	5125	59,444	53	Poor
LCQ	SOUTHWEST APRON	APRON	5130	162,978	90	Good
LCQ	SOUTHWEST APRON	APRON	5135	19,999	86	Good



Table A-3 Forecasted PCI 2018-2027

Network ID	Branch ID	Section ID	Last PCI	Forecasted PCI									
				2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
LCQ	AP E	4205	47	45	43	42	40	39	37	36	34	32	31
LCQ	AP E	4210	52	50	48	47	45	44	42	41	39	37	36
LCQ	AP E	4212	57	55	53	52	50	49	47	46	44	42	41
LCQ	AP E	4215	41	39	37	36	34	33	31	30	28	26	25
LCQ	AP E	4220	47	45	43	42	40	39	37	36	34	32	31
LCQ	AP E	4228	4	2	0	0	0	0	0	0	0	0	0
LCQ	AP E	4230	39	37	35	34	32	31	29	28	26	24	23
LCQ	AP E	4235	48	46	44	43	41	40	38	37	35	33	32
LCQ	AP E	4250	50	48	46	45	43	42	40	39	37	35	34
LCQ	AP NW	4105	77	75	73	72	70	69	67	66	64	62	61
LCQ	AP NW	4110	28	26	24	23	21	20	18	17	15	13	12
LCQ	AP NW	4130	94	92	90	89	87	86	84	83	81	79	78
LCQ	AP RW10-28	5105	100	96	95	93	92	90	89	87	85	84	82
LCQ	AP RW10-28	5115	78	76	74	73	71	70	68	67	65	63	62
LCQ	AP RW10-28	5120	100	96	95	93	92	90	89	87	85	84	82
LCQ	AP RW10-28	5125	53	51	49	48	46	45	43	42	40	38	37
LCQ	AP SW	5130	90	88	86	85	83	82	80	79	77	75	74
LCQ	AP SW	5135	86	83	80	78	76	73	71	69	67	65	64
LCQ	RW 10-28	6105	49	47	45	44	42	41	39	37	36	34	32
LCQ	RW 10-28	6110	60	58	56	55	53	52	50	48	47	45	43
LCQ	RW 10-28	6114	53	50	47	44	41	38	35	32	30	27	24
LCQ	RW 10-28	6115	48	45	41	38	35	32	30	27	24	22	19
LCQ	RW 10-28	6116	54	51	49	46	42	39	36	33	31	28	25
LCQ	RW 10-28	6120	50	47	44	40	37	34	32	29	26	24	21
LCQ	RW 5-23	6205	42	39	35	33	30	28	25	22	19	16	14
LCQ	RW 5-23	6207	49	47	45	44	42	41	39	37	36	34	32
LCQ	RW 5-23	6209	56	54	52	51	49	48	46	44	43	41	39
LCQ	T-HANG NW	4115	59	57	56	55	54	52	51	49	47	46	44
LCQ	T-HANG NW	4116	81	80	79	78	77	76	76	75	74	73	72
LCQ	T-HANG NW	4125	56	54	53	51	50	48	47	45	43	42	40
LCQ	TW A	105	100	95	93	90	88	85	83	81	79	77	75
LCQ	TW A	110	100	95	93	90	88	85	83	81	79	77	75
LCQ	TW A	120	100	95	93	90	88	85	83	81	79	77	75
LCQ	TW A1	130	100	95	93	90	88	85	83	81	79	77	75
LCQ	TW A1	135	100	95	93	90	88	85	83	81	79	77	75
LCQ	TW A1	140	85	82	80	78	76	74	73	71	70	69	68
LCQ	TW B	202	100	98	96	94	91	89	86	84	81	79	77



Network ID	Branch ID	Section ID	Last PCI	Forecasted PCI									
				2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
LCQ	TW B	210	100	98	96	94	91	89	86	84	81	79	77
LCQ	TW B	215	100	98	96	94	91	89	86	84	81	79	77
LCQ	TW B	220	100	98	96	94	91	89	86	84	81	79	77
LCQ	TW C	305	100	95	93	90	88	85	83	81	79	77	75
LCQ	TW C	310	72	70	69	68	67	66	65	64	64	63	62
LCQ	TW D	405	39	37	36	35	33	32	31	31	30	29	28
LCQ	TW D	410	47	45	43	42	40	39	37	36	35	34	32

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Work History Report

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Pavement Database: FDOT

Network: LAKE CITY GATEW Branch: AP E EAST APRON Section: 4205 Surface: AC L.C.D.: 12/25/199 Use: APRON Rank: T Length: 1,100.00 (Ft) Width: 80.00 (Ft) True Area: 100,138.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
12/25/1999	NU-IN	New Construction - Initial	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: AP E EAST APRON Section: 4210 Surface: AC L.C.D.: 12/25/199 Use: APRON Rank: P Length: 350.00 (Ft) Width: 100.00 (Ft) True Area: 39,217.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
12/25/1999	NU-IN	New Construction - Initial	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: AP E EAST APRON Section: 4212 Surface: AC L.C.D.: 12/25/199 Use: APRON Rank: P Length: 320.00 (Ft) Width: 100.00 (Ft) True Area: 27,455.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
12/25/1999	NU-IN	New Construction - Initial	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: AP E EAST APRON Section: 4215 Surface: AC L.C.D.: 1/1/1997 Use: APRON Rank: P Length: 475.00 (Ft) Width: 200.00 (Ft) True Area: 105,993.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1997	NU-IN	New Construction - Initial	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: AP E EAST APRON Section: 4220 Surface: AC L.C.D.: 12/25/199 Use: APRON Rank: P Length: 350.00 (Ft) Width: 70.00 (Ft) True Area: 41,459.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
12/25/1999	NU-IN	New Construction - Initial	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: AP E EAST APRON Section: 4228 Surface: AC L.C.D.: 12/25/199 Use: APRON Rank: P Length: 260.00 (Ft) Width: 100.00 (Ft) True Area: 27,000.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
12/25/1999	NU-IN	New Construction - Initial	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: AP E EAST APRON Section: 4230 Surface: AC L.C.D.: 1/1/1997 Use: APRON Rank: P Length: 650.00 (Ft) Width: 100.00 (Ft) True Area: 91,108.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1997	NU-IN	New Construction - Initial	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: AP E EAST APRON Section: 4235 Surface: AC L.C.D.: 12/25/199 Use: APRON Rank: P Length: 1,100.00 (Ft) Width: 80.00 (Ft) True Area: 83,816.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
12/25/1999	NU-IN	New Construction - Initial	0.00	0.00	<input checked="" type="checkbox"/>	

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Work History Report

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Pavement Database: FDOT

Network: LAKE CITY GATEW Branch: AP E EAST APRON Section: 4250 Surface: AC L.C.D.: 12/25/199 Use: APRON Rank: P Length: 300.00 (Ft) Width: 80.00 (Ft) True Area: 32,011.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
12/25/1999	NU-IN	New Construction - Initial	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: AP NW NORTH APRON Section: 4105 Surface: AC L.C.D.: 1/1/2004 Use: APRON Rank: T Length: 3,300.00 (Ft) Width: 50.00 (Ft) True Area: 263,561.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2004	CR-AC	Complete Reconstruction - AC	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: AP NW NORTH APRON Section: 4110 Surface: AC L.C.D.: 1/1/1992 Use: APRON Rank: T Length: 95.00 (Ft) Width: 93.00 (Ft) True Area: 9,384.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1992	CR-AC	Complete Reconstruction - AC	0.00	0.00	<input checked="" type="checkbox"/>	Estimated Construction Date

Network: LAKE CITY GATEW Branch: AP NW NORTH APRON Section: 4130 Surface: AC L.C.D.: 1/1/2013 Use: APRON Rank: P Length: 178.00 (Ft) Width: 145.00 (Ft) True Area: 24,920.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2013	NU-IN	New Construction - Initial	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: AP RW10-28 RUN UP AND TU Section: 5105 Surface: AC L.C.D.: 1/29/2016 Use: APRON Rank: P Length: 265.00 (Ft) Width: 105.00 (Ft) True Area: 29,370.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/29/2016	NC-AC	New Construction - AC	0.00	0.00	<input checked="" type="checkbox"/>	4" P-401, 8" P-211, 12" P-160

Network: LAKE CITY GATEW Branch: AP RW10-28 RUN UP AND TU Section: 5115 Surface: AC L.C.D.: 1/1/1997 Use: APRON Rank: P Length: 220.00 (Ft) Width: 200.00 (Ft) True Area: 62,200.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1997	NU-IN	New Construction - Initial	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: AP RW10-28 RUN UP AND TU Section: 5120 Surface: AC L.C.D.: 1/29/2016 Use: APRON Rank: P Length: 200.00 (Ft) Width: 105.00 (Ft) True Area: 24,359.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/29/2016	NC-AC	New Construction - AC	0.00	0.00	<input checked="" type="checkbox"/>	4" P-401, 8" P-211, 12" P-160

Network: LAKE CITY GATEW Branch: AP RW10-28 RUN UP AND TU Section: 5125 Surface: AC L.C.D.: 1/1/1997 Use: APRON Rank: P Length: 220.00 (Ft) Width: 200.00 (Ft) True Area: 59,444.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1997	NU-IN	New Construction - Initial	0.00	0.00	<input checked="" type="checkbox"/>	

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Pavement Database: FDOT

Network: LAKE CITY GATEW Branch: AP SW SOUTHWEST AP Section: 5130 Surface: AC L.C.D.: 7/1/2010 Use: APRON Rank: P Length: 2,175.00 (Ft) Width: 75.00 (Ft) True Area: 162,978.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
7/1/2010	NU-IN	New Construction - Initial	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: AP SW SOUTHWEST AP Section: 5135 Surface: PCC L.C.D.: 7/1/2010 Use: APRON Rank: P Length: 200.00 (Ft) Width: 100.00 (Ft) True Area: 19,999.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
7/1/2010	NU-IN	New Construction - Initial	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: RW 10-28 RUNWAY 10-28 Section: 6105 Surface: AC L.C.D.: 1/1/1985 Use: RUNWAY Rank: P Length: 5,625.00 (Ft) Width: 100.00 (Ft) True Area: 574,700.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1985	NC-AC	New Construction - AC	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: RW 10-28 RUNWAY 10-28 Section: 6110 Surface: AC L.C.D.: 1/1/1985 Use: RUNWAY Rank: P Length: 11,250.00 (Ft) Width: 25.00 (Ft) True Area: 287,350.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1985	NC-AC	New Construction - AC	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: RW 10-28 RUNWAY 10-28 Section: 6114 Surface: AAC L.C.D.: 1/1/1998 Use: RUNWAY Rank: P Length: 1,200.00 (Ft) Width: 100.00 (Ft) True Area: 183,000.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1998	ML-OV	MILL and OVERLAY	0.00	0.00	<input checked="" type="checkbox"/>	
1/1/1985	NC-AC	New Construction - AC	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: RW 10-28 RUNWAY 10-28 Section: 6115 Surface: AAC L.C.D.: 1/1/1998 Use: RUNWAY Rank: P Length: 1,180.00 (Ft) Width: 100.00 (Ft) True Area: 42,500.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1998	ML-OV	MILL and OVERLAY	0.00	0.00	<input checked="" type="checkbox"/>	
1/1/1985	NC-AC	New Construction - AC	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: RW 10-28 RUNWAY 10-28 Section: 6116 Surface: AAC L.C.D.: 1/1/1998 Use: RUNWAY Rank: P Length: 2,400.00 (Ft) Width: 25.00 (Ft) True Area: 91,500.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1998	ML-OV	MILL and OVERLAY	0.00	0.00	<input checked="" type="checkbox"/>	
1/1/1985	NC-AC	New Construction - AC	0.00	0.00	<input checked="" type="checkbox"/>	

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Pavement Database: FDOT

Network: LAKE CITY GATEW Branch: RW 10-28 RUNWAY 10-28 Section: 6120 Surface: AAC L.C.D.: 1/1/1998 Use: RUNWAY Rank: P Length: 2,360.00 (Ft) Width: 25.00 (Ft) True Area: 21,250.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1998	ML-OV	MILL and OVERLAY	0.00	0.00	<input checked="" type="checkbox"/>	
1/1/1985	NC-AC	New Construction - AC	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: RW 5-23 RUNWAY 5-23 Section: 6205 Surface: AAC L.C.D.: 1/1/1992 Use: RUNWAY Rank: S Length: 3,850.00 (Ft) Width: 75.00 (Ft) True Area: 240,000.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1992	ML-OV	MILL and OVERLAY	0.00	0.00	<input checked="" type="checkbox"/>	
1/1/1985	NC-AC	New Construction - AC	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: RW 5-23 RUNWAY 5-23 Section: 6207 Surface: AC L.C.D.: 1/1/1985 Use: RUNWAY Rank: S Length: 45.00 (Ft) Width: 75.00 (Ft) True Area: 21,932.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1985	NC-AC	New Construction - AC	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: RW 5-23 RUNWAY 5-23 Section: 6209 Surface: AC L.C.D.: 1/1/1985 Use: RUNWAY Rank: S Length: 35.00 (Ft) Width: 75.00 (Ft) True Area: 22,150.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1985	NC-AC	New Construction - AC	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: T-HANG NW TAXILANE TO T- Section: 4115 Surface: AC L.C.D.: 1/1/2004 Use: TAXILAN Rank: P Length: 820.00 (Ft) Width: 55.00 (Ft) True Area: 34,013.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2004	CR-AC	Complete Reconstruction - AC	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: T-HANG NW TAXILANE TO T- Section: 4116 Surface: PCC L.C.D.: 1/1/2004 Use: TAXILAN Rank: P Length: 63.00 (Ft) Width: 54.00 (Ft) True Area: 2,480.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2004	NU-IN	New Construction - Initial	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: T-HANG NW TAXILANE TO T- Section: 4125 Surface: AC L.C.D.: 1/1/2004 Use: TAXILAN Rank: T Length: 270.00 (Ft) Width: 118.00 (Ft) True Area: 27,917.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2004	NU-IN	New Construction - Initial	0.00	0.00	<input checked="" type="checkbox"/>	

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Pavement Database: FDOT

Network: LAKE CITY GATEW Branch: TW A TAXIWAY A Section: 105 Surface: AC L.C.D.: 1/29/2016 Use: TAXIWAY Rank: P Length: 5,700.00 (Ft) Width: 50.00 (Ft) True Area: 294,652.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/29/2016	CR-AC	Complete Reconstruction - AC	0.00	0.00	<input checked="" type="checkbox"/>	4" P-401, 8" P-211, 12" P-160
1/1/1988	NU-IN	New Construction - Initial	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: TW A TAXIWAY A Section: 110 Surface: AC L.C.D.: 1/29/2016 Use: TAXIWAY Rank: P Length: 2,500.00 (Ft) Width: 50.00 (Ft) True Area: 134,421.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/29/2016	NC-AC	New Construction - AC	0.00	0.00	<input checked="" type="checkbox"/>	4" P-401, 8" P-211, 12" P-160

Network: LAKE CITY GATEW Branch: TW A1 TAXIWAY A1 Section: 130 Surface: AC L.C.D.: 1/29/2016 Use: TAXIWAY Rank: P Length: 750.00 (Ft) Width: 40.00 (Ft) True Area: 24,489.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/29/2016	CR-AC	Complete Reconstruction - AC	0.00	0.00	<input checked="" type="checkbox"/>	4" P-401, 8" P-211, 12" P-160
1/1/1965	NU-IN	New Construction - Initial	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: TW A1 TAXIWAY A1 Section: 135 Surface: AC L.C.D.: 1/29/2016 Use: TAXIWAY Rank: P Length: 200.00 (Ft) Width: 50.00 (Ft) True Area: 17,500.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/29/2016	CR-AC	Complete Reconstruction - AC	0.00	0.00	<input checked="" type="checkbox"/>	4" P-401, 8" P-211, 12" P-160
1/1/2004	NU-IN	New Construction - Initial	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: TW A1 TAXIWAY A1 Section: 140 Surface: AC L.C.D.: 1/1/2004 Use: TAXIWAY Rank: P Length: 400.00 (Ft) Width: 142.00 (Ft) True Area: 56,925.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2004	NU-IN	New Construction - Initial	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: TW A TAXIWAY A Section: 120 Surface: AC L.C.D.: 1/29/2016 Use: TAXIWAY Rank: P Length: 300.00 (Ft) Width: 50.00 (Ft) True Area: 19,420.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/29/2016	CR-AC	Complete Reconstruction - AC	0.00	0.00	<input checked="" type="checkbox"/>	4" P-401, 8" P-211, 12" P-160
1/1/1988	NU-IN	New Construction - Initial	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: TW B TAXIWAY B Section: 202 Surface: AC L.C.D.: 6/1/2017 Use: TAXIWAY Rank: P Length: 255.00 (Ft) Width: 160.00 (Ft) True Area: 29,562.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
6/1/2017	CR-AC	Complete Reconstruction - AC	0.00	0.00	<input checked="" type="checkbox"/>	Estimated Construction Date
1/1/1988	NU-IN	New Construction - Initial	0.00	0.00	<input checked="" type="checkbox"/>	

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Pavement Database: FDOT

Network: LAKE CITY GATEW Branch: TW B TAXIWAY B Section: 210 Surface: AC L.C.D.: 6/1/2017 Use: TAXIWAY Rank: P Length: 1,860.00 (Ft) Width: 75.00 (Ft) True Area: 159,830.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
6/1/2017	CR-AC	Complete Reconstruction - AC	0.00	0.00	<input checked="" type="checkbox"/>	Estimated Construction Date
1/1/1977	NU-IN	New Construction - Initial	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: TW B TAXIWAY B Section: 215 Surface: AC L.C.D.: 6/1/2017 Use: TAXIWAY Rank: P Length: 140.00 (Ft) Width: 75.00 (Ft) True Area: 15,646.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
6/1/2017	CR-AC	Complete Reconstruction - AC	0.00	0.00	<input checked="" type="checkbox"/>	Estimated Construction Date
1/1/1992	NU-IN	New Construction - Initial	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: TW B TAXIWAY B Section: 220 Surface: AC L.C.D.: 6/1/2017 Use: TAXIWAY Rank: P Length: 2,750.00 (Ft) Width: 90.00 (Ft) True Area: 247,495.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
6/1/2017	CR-AC	Complete Reconstruction - AC	0.00	0.00	<input checked="" type="checkbox"/>	Estimated Construction Date
1/1/1997	NU-IN	New Construction - Initial	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: TW C TAXIWAY C Section: 305 Surface: AC L.C.D.: 1/29/2016 Use: TAXIWAY Rank: P Length: 860.00 (Ft) Width: 53.00 (Ft) True Area: 29,985.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/29/2016	CR-AC	Complete Reconstruction - AC	0.00	0.00	<input checked="" type="checkbox"/>	4" P-401, 8" P-211, 12" P-160
1/1/1977	NU-IN	New Construction - Initial	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: TW C TAXIWAY C Section: 310 Surface: AC L.C.D.: 1/1/2004 Use: TAXIWAY Rank: P Length: 1,600.00 (Ft) Width: 50.00 (Ft) True Area: 54,377.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2004	NU-IN	New Construction - Initial	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: TW D TAXIWAY D Section: 405 Surface: AC L.C.D.: 1/1/1992 Use: TAXIWAY Rank: P Length: 1,069.00 (Ft) Width: 75.00 (Ft) True Area: 86,039.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1992	NC-AC	New Construction - AC	0.00	0.00	<input checked="" type="checkbox"/>	

Network: LAKE CITY GATEW Branch: TW D TAXIWAY D Section: 410 Surface: AC L.C.D.: 1/1/1992 Use: TAXIWAY Rank: P Length: 200.00 (Ft) Width: 50.00 (Ft) True Area: 13,694.00 (SqFt)						
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1992	NU-IN	New Construction - Initial	0.00	0.00	<input checked="" type="checkbox"/>	

Summary:

Work Description	Section Count	Area Total (SqFt)	Thickness Avg (in)	Thickness STD (in)
Complete Reconstruction - AC	12	1,145,537.00	0.00	0.00
MILL and OVERLAY	5	578,250.00	0.00	0.00
New Construction - AC	13	1,758,571.00	0.00	0.00
New Construction - Initial	28	1,871,710.00	0.00	0.00

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Branch Condition Report

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Pavement Database: FDOT

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
AP E	9	4,905.00	101.11	548,197.00	APRON	42.78	14.62	43.58
AP NW	3	3,573.00	96.00	297,865.00	APRON	66.33	27.98	76.88
AP RW10-2	4	905.00	152.50	175,373.00	APRON	82.75	19.38	76.27
AP SW	2	2,375.00	87.50	182,977.00	APRON	88.00	2.00	89.56
RW 10-28	6	24,015.00	62.50	1,200,300.00	RUNWAY	52.33	4.03	52.61
RW 5-23	3	3,930.00	75.00	284,082.00	RUNWAY	49.00	5.72	43.63
T-HANG N	3	1,153.00	75.67	64,410.00	TAXILANE	65.33	11.15	58.55
TW A	3	8,500.00	50.00	448,493.00	TAXIWAY	100.00	0.00	100.00
TW A1	3	1,350.00	77.33	98,914.00	TAXIWAY	95.00	7.07	91.37
TW B	4	5,005.00	100.00	452,533.00	TAXIWAY	100.00	0.00	100.00
TW C	2	2,460.00	51.50	84,362.00	TAXIWAY	86.00	14.00	81.95
TW D	2	1,269.00	62.50	99,733.00	TAXIWAY	43.00	4.00	40.10

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Branch Condition Report

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Pavement Database: FDOT

Use Category	Number of Sections	Total Area (SqFt)	Arithmetic Average PCI	Average STD PCI	Weighted Average PCI
APRON	18	1204412.00035991	60.61	26.04	63.56
RUNWAY	9	1484382.00035035	51.22	4.92	50.89
TAXILANE	3	64410.0000189306	65.33	11.15	58.55
TAXIWAY	14	1184035.00036193	88.79	20.32	92.95
ALL	44	3937239.00109112	67.98	25.30	67.54

Pavement Database: FDOT

NetworkId: LCQ

Branch ID	Section ID	Last Const. Date	Surface	Use	Rank	Lanes	True Area (SqFt)	Last Inspection Date	Age At Inspection	PCI
AP E	4205	12/25/1999	AC	APRON	T	0	100,138.00	2/6/2017	18	47
AP E	4210	12/25/1999	AC	APRON	P	0	39,217.00	2/6/2017	18	52
AP E	4212	12/25/1999	AC	APRON	P	0	27,455.00	2/6/2017	18	57
AP E	4215	1/1/1997	AC	APRON	P	0	105,993.00	2/6/2017	20	41
AP E	4220	12/25/1999	AC	APRON	P	0	41,459.00	2/6/2017	18	47
AP E	4228	12/25/1999	AC	APRON	P	0	27,000.00	2/6/2017	18	4
AP E	4230	1/1/1997	AC	APRON	P	0	91,108.00	2/6/2017	20	39
AP E	4235	12/25/1999	AC	APRON	P	0	83,816.00	2/6/2017	18	48
AP E	4250	12/25/1999	AC	APRON	P	0	32,011.00	2/6/2017	18	50
AP NW	4105	1/1/2004	AC	APRON	T	0	263,561.00	2/6/2017	13	77
AP NW	4110	1/1/1992	AC	APRON	T	0	9,384.00	2/6/2017	25	28
AP NW	4130	1/1/2013	AC	APRON	P	0	24,920.00	2/6/2017	4	94
AP RW10-28	5105	1/29/2016	AC	APRON	P	0	29,370.00	1/29/2016	0	100
AP RW10-28	5115	1/1/1997	AC	APRON	P	0	62,200.00	2/6/2017	20	78
AP RW10-28	5120	1/29/2016	AC	APRON	P	0	24,359.00	1/29/2016	0	100
AP RW10-28	5125	1/1/1997	AC	APRON	P	0	59,444.00	2/6/2017	20	53
AP SW	5130	7/1/2010	AC	APRON	P	0	162,978.00	2/6/2017	7	90
AP SW	5135	7/1/2010	PCC	APRON	P	0	19,999.00	2/6/2017	7	86
RW 10-28	6105	1/1/1985	AC	RUNWAY	P	0	574,700.00	2/6/2017	32	49
RW 10-28	6110	1/1/1985	AC	RUNWAY	P	0	287,350.00	2/6/2017	32	60
RW 10-28	6114	1/1/1998	AAC	RUNWAY	P	0	183,000.00	2/6/2017	19	53
RW 10-28	6115	1/1/1998	AAC	RUNWAY	P	0	42,500.00	2/6/2017	19	48
RW 10-28	6116	1/1/1998	AAC	RUNWAY	P	0	91,500.00	2/6/2017	19	54
RW 10-28	6120	1/1/1998	AAC	RUNWAY	P	0	21,250.00	2/6/2017	19	50
RW 5-23	6205	1/1/1992	AAC	RUNWAY	S	0	240,000.00	2/6/2017	25	42
RW 5-23	6207	1/1/1985	AC	RUNWAY	S	0	21,932.00	2/6/2017	32	49
RW 5-23	6209	1/1/1985	AC	RUNWAY	S	0	22,150.00	2/6/2017	32	56
T-HANG NW	4115	1/1/2004	AC	TAXILANE	P	0	34,013.00	2/6/2017	13	59
T-HANG NW	4116	1/1/2004	PCC	TAXILANE	P	0	2,480.00	2/6/2017	13	81
T-HANG NW	4125	1/1/2004	AC	TAXILANE	T	0	27,917.00	2/6/2017	13	56
TW A	105	1/29/2016	AC	TAXIWAY	P	0	294,652.00	1/29/2016	0	100
TW A	110	1/29/2016	AC	TAXIWAY	P	0	134,421.00	1/29/2016	0	100
TW A	120	1/29/2016	AC	TAXIWAY	P	0	19,420.00	1/29/2016	0	100
TW A1	130	1/29/2016	AC	TAXIWAY	P	0	24,489.00	1/29/2016	0	100
TW A1	135	1/29/2016	AC	TAXIWAY	P	0	17,500.00	1/29/2016	0	100
TW A1	140	1/1/2004	AC	TAXIWAY	P	0	56,925.00	2/6/2017	13	85
TW B	202	6/1/2017	AC	TAXIWAY	P	0	29,562.00	6/1/2017	0	100
TW B	210	6/1/2017	AC	TAXIWAY	P	0	159,830.00	6/1/2017	0	100
TW B	215	6/1/2017	AC	TAXIWAY	P	0	15,646.00	6/1/2017	0	100
TW B	220	6/1/2017	AC	TAXIWAY	P	0	247,495.00	6/1/2017	0	100
TW C	305	1/29/2016	AC	TAXIWAY	P	0	29,985.00	1/29/2016	0	100
TW C	310	1/1/2004	AC	TAXIWAY	P	0	54,377.00	2/6/2017	13	72
TW D	405	1/1/1992	AC	TAXIWAY	P	0	86,039.00	2/6/2017	25	39
TW D	410	1/1/1992	AC	TAXIWAY	P	0	13,694.00	2/6/2017	25	47

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Section Condition Report (Summary)

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Pavement Database: FDOT

Age Category	Average Age at Inspection	Total Area (SqFt)	Number of Sections	Arithmetic Average PCI	Standard Deviation PCI	Weighted Average PCI
00-02		1,026,729.00	12	100.00	0.00	100.00
03-05	4	24,920.00	1	94.00	0.00	94.00
06-10	7	182,977.00	2	88.00	2.00	89.56
11-15	13	439,273.00	6	71.67	10.80	74.71
16-20	19	1,008,091.00	15	48.07	14.51	49.24
21-25	25	349,117.00	4	39.00	6.96	41.08
31-35	32	906,132.00	4	53.50	4.72	52.66
ALL	14	3,937,239.00	44	67.98	25.30	67.54

Appendix B

Airfield Pavement Localized Maintenance and Repair and
Major Rehabilitation



Table B-1 Localized Maintenance and Repair Needs based on Current Condition

Network ID	Branch ID	Section ID	Distress Code	Description	Severity	Distress Qty	Distress Unit	Percent Distress	Work Description	Work Qty	Work Unit	Unit Cost	Work Cost
LCQ	AP E	4205	41	ALLIGATOR CR	Low	44.45	SqFt	0.0%	FDOT - PATCHING - AC FULL DEPTH	75.35	SqFt	\$ 6.00	\$ 460.00
LCQ	AP E	4205	45	DEPRESSION	High	4450.55	SqFt	4.4%	FDOT - PATCHING - AC FULL DEPTH	4723.2	SqFt	\$ 6.00	\$ 28,340.00
LCQ	AP E	4205	48	L & T CR	Medium	2554.63	Ft	2.6%	FDOT - CRACK SEALING - AC	2554.79	Ft	\$ 3.00	\$ 7,670.00
LCQ	AP E	4205	52	RAVELING	Low	100137.95	SqFt	100.0%	FDOT - SURFACE SEAL	100137.7	SqFt	\$ 0.55	\$ 55,080.00
LCQ	AP E	4210	41	ALLIGATOR CR	Low	220.77	SqFt	0.6%	FDOT - PATCHING - AC FULL DEPTH	284.17	SqFt	\$ 6.00	\$ 1,710.00
LCQ	AP E	4210	48	L & T CR	Medium	459.97	Ft	1.2%	FDOT - CRACK SEALING - AC	459.97	Ft	\$ 3.00	\$ 1,380.00
LCQ	AP E	4210	52	RAVELING	Low	38297.02	SqFt	97.7%	FDOT - SURFACE SEAL	38296.92	SqFt	\$ 0.55	\$ 21,070.00
LCQ	AP E	4210	52	RAVELING	Medium	919.99	SqFt	2.4%	FDOT - PATCHING - AC PARTIAL DEPTH	920.31	SqFt	\$ 3.00	\$ 2,760.00
LCQ	AP E	4212	48	L & T CR	Medium	323	Ft	1.2%	FDOT - CRACK SEALING - AC	323.16	Ft	\$ 3.00	\$ 970.00
LCQ	AP E	4212	52	RAVELING	Low	24709.53	SqFt	90.0%	FDOT - SURFACE SEAL	24709.63	SqFt	\$ 0.55	\$ 13,600.00
LCQ	AP E	4212	52	RAVELING	Medium	2745.55	SqFt	10.0%	FDOT - PATCHING - AC PARTIAL DEPTH	2745.87	SqFt	\$ 3.00	\$ 8,240.00
LCQ	AP E	4215	43	BLOCK CR	Medium	5481.84	SqFt	5.2%	FDOT - CRACK SEALING - AC	1670.93	Ft	\$ 3.00	\$ 5,020.00
LCQ	AP E	4215	45	DEPRESSION	Low	132.29	SqFt	0.1%	FDOT - PATCHING - AC FULL DEPTH	182.99	SqFt	\$ 6.00	\$ 1,100.00
LCQ	AP E	4215	48	L & T CR	Medium	1666.37	Ft	1.6%	FDOT - CRACK SEALING - AC	1666.34	Ft	\$ 3.00	\$ 5,000.00
LCQ	AP E	4215	52	RAVELING	Low	90539.45	SqFt	85.4%	FDOT - SURFACE SEAL	90539.56	SqFt	\$ 0.55	\$ 49,800.00
LCQ	AP E	4215	52	RAVELING	Medium	15453.64	SqFt	14.6%	FDOT - PATCHING - AC PARTIAL DEPTH	15453.75	SqFt	\$ 3.00	\$ 46,370.00
LCQ	AP E	4220	48	L & T CR	Medium	4246.98	Ft	10.2%	FDOT - CRACK SEALING - AC	4247.05	Ft	\$ 3.00	\$ 12,750.00
LCQ	AP E	4220	52	RAVELING	Low	39386.55	SqFt	95.0%	FDOT - SURFACE SEAL	39386.22	SqFt	\$ 0.55	\$ 21,670.00
LCQ	AP E	4220	52	RAVELING	Medium	2072.48	SqFt	5.0%	FDOT - PATCHING - AC PARTIAL DEPTH	2072.05	SqFt	\$ 3.00	\$ 6,220.00
LCQ	AP E	4228	41	ALLIGATOR CR	Low	3072.56	SqFt	11.4%	FDOT - PATCHING - AC FULL DEPTH	3300.21	SqFt	\$ 6.00	\$ 19,800.00
LCQ	AP E	4228	41	ALLIGATOR CR	Medium	793.84	SqFt	2.9%	FDOT - PATCHING - AC FULL DEPTH	911.7	SqFt	\$ 6.00	\$ 5,470.00
LCQ	AP E	4228	45	DEPRESSION	Low	1263.58	SqFt	4.7%	FDOT - PATCHING - AC FULL DEPTH	1411.15	SqFt	\$ 6.00	\$ 8,470.00
LCQ	AP E	4228	45	DEPRESSION	Medium	86.43	SqFt	0.3%	FDOT - PATCHING - AC FULL DEPTH	128.09	SqFt	\$ 6.00	\$ 770.00
LCQ	AP E	4228	50	PATCHING	High	1863.02	SqFt	6.9%	FDOT - PATCHING - AC FULL DEPTH	2040.84	SqFt	\$ 6.00	\$ 12,250.00
LCQ	AP E	4228	52	RAVELING	Medium	22599.05	SqFt	83.7%	FDOT - PATCHING - AC PARTIAL DEPTH	22598.83	SqFt	\$ 3.00	\$ 67,800.00
LCQ	AP E	4228	52	RAVELING	High	2538.02	SqFt	9.4%	FDOT - PATCHING - AC PARTIAL DEPTH	2538.13	SqFt	\$ 3.00	\$ 7,620.00
LCQ	AP E	4230	41	ALLIGATOR CR	Low	198.27	SqFt	0.2%	FDOT - PATCHING - AC FULL DEPTH	259.41	SqFt	\$ 6.00	\$ 1,560.00
LCQ	AP E	4230	43	BLOCK CR	Medium	501.71	SqFt	0.6%	FDOT - CRACK SEALING - AC	152.89	Ft	\$ 3.00	\$ 460.00
LCQ	AP E	4230	45	DEPRESSION	Low	359.3	SqFt	0.4%	FDOT - PATCHING - AC FULL DEPTH	439.17	SqFt	\$ 6.00	\$ 2,640.00
LCQ	AP E	4230	48	L & T CR	Medium	2446.82	Ft	2.7%	FDOT - CRACK SEALING - AC	2446.85	Ft	\$ 3.00	\$ 7,350.00
LCQ	AP E	4230	52	RAVELING	Low	91108	SqFt	100.0%	FDOT - SURFACE SEAL	91107.89	SqFt	\$ 0.55	\$ 50,110.00
LCQ	AP E	4235	45	DEPRESSION	Low	739.37	SqFt	0.9%	FDOT - PATCHING - AC FULL DEPTH	852.5	SqFt	\$ 6.00	\$ 5,120.00
LCQ	AP E	4235	52	RAVELING	Low	83815.99	SqFt	100.0%	FDOT - SURFACE SEAL	83816.42	SqFt	\$ 0.55	\$ 46,100.00
LCQ	AP E	4250	45	DEPRESSION	Low	480.18	SqFt	1.5%	FDOT - PATCHING - AC FULL DEPTH	572.64	SqFt	\$ 6.00	\$ 3,440.00
LCQ	AP E	4250	52	RAVELING	Low	28809.93	SqFt	90.0%	FDOT - SURFACE SEAL	28809.61	SqFt	\$ 0.55	\$ 15,850.00
LCQ	AP E	4250	52	RAVELING	Medium	3201.08	SqFt	10.0%	FDOT - PATCHING - AC PARTIAL DEPTH	3201.19	SqFt	\$ 3.00	\$ 9,610.00
LCQ	AP NW	4105	48	L & T CR	Medium	637.17	Ft	0.2%	FDOT - CRACK SEALING - AC	637.14	Ft	\$ 3.00	\$ 1,920.00
LCQ	AP NW	4105	52	RAVELING	Low	4751.84	SqFt	1.8%	FDOT - SURFACE SEAL	4752.27	SqFt	\$ 0.55	\$ 2,620.00



Network ID	Branch ID	Section ID	Distress Code	Description	Severity	Distress Qty	Distress Unit	Percent Distress	Work Description	Work Qty	Work Unit	Unit Cost	Work Cost
LCQ	AP NW	4110	41	ALLIGATOR CR	Low	150.8	SqFt	1.6%	FDOT - PATCHING - AC FULL DEPTH	204.51	SqFt	\$ 6.00	\$ 1,230.00
LCQ	AP NW	4110	43	BLOCK CR	Medium	6594.51	SqFt	70.3%	FDOT - CRACK SEALING - AC	2010.17	Ft	\$ 3.00	\$ 6,040.00
LCQ	AP NW	4110	45	DEPRESSION	Low	58.66	SqFt	0.6%	FDOT - PATCHING - AC FULL DEPTH	93.65	SqFt	\$ 6.00	\$ 570.00
LCQ	AP NW	4110	48	L & T CR	Medium	201.05	Ft	2.1%	FDOT - CRACK SEALING - AC	201.12	Ft	\$ 3.00	\$ 610.00
LCQ	AP NW	4110	52	RAVELING	Low	9383.98	SqFt	100.0%	FDOT - SURFACE SEAL	9383.98	SqFt	\$ 0.55	\$ 5,170.00
LCQ	AP RW10-28	5125	48	L & T CR	Medium	2206	Ft	3.7%	FDOT - CRACK SEALING - AC	2206.04	Ft	\$ 3.00	\$ 6,620.00
LCQ	AP SW	5130	49	OIL SPILLAGE	N/A	24.22	SqFt	0.0%	FDOT - PATCHING - AC PARTIAL DEPTH	48.44	SqFt	\$ 3.00	\$ 150.00
LCQ	AP SW	5135	65	JT SEAL DMG	Medium	50	Slabs	100.0%	FDOT - JOINT SEAL - PCC	1700.13	Ft	\$ 2.75	\$ 4,680.00
LCQ	AP SW	5135	74	JOINT SPALL	Low	3.33	Slabs	6.7%	FDOT - CRACK SEALING - PCC	5.58	Ft	\$ 4.25	\$ 30.00
LCQ	RW 10-28	6105	41	ALLIGATOR CR	Low	1408.03	SqFt	0.3%	FDOT - PATCHING - AC FULL DEPTH	1562.92	SqFt	\$ 6.00	\$ 9,380.00
LCQ	RW 10-28	6105	45	DEPRESSION	Low	666.61	SqFt	0.1%	FDOT - PATCHING - AC FULL DEPTH	775	SqFt	\$ 6.00	\$ 4,650.00
LCQ	RW 10-28	6105	48	L & T CR	Medium	19332.91	Ft	3.4%	FDOT - CRACK SEALING - AC	19333.01	Ft	\$ 3.00	\$ 58,000.00
LCQ	RW 10-28	6105	52	RAVELING	Low	28735.01	SqFt	5.0%	FDOT - SURFACE SEAL	28735.34	SqFt	\$ 0.55	\$ 15,810.00
LCQ	RW 10-28	6105	52	RAVELING	Medium	13218.08	SqFt	2.3%	FDOT - PATCHING - AC PARTIAL DEPTH	13218.08	SqFt	\$ 3.00	\$ 39,660.00
LCQ	RW 10-28	6105	52	RAVELING	High	28735.01	SqFt	5.0%	FDOT - PATCHING - AC PARTIAL DEPTH	28735.34	SqFt	\$ 3.00	\$ 86,210.00
LCQ	RW 10-28	6105	56	SWELLING	Medium	908.04	SqFt	0.2%	FDOT - PATCHING - AC FULL DEPTH	1033.34	SqFt	\$ 6.00	\$ 6,200.00
LCQ	RW 10-28	6110	48	L & T CR	Medium	3697.24	Ft	1.3%	FDOT - CRACK SEALING - AC	3697.18	Ft	\$ 3.00	\$ 11,100.00
LCQ	RW 10-28	6110	52	RAVELING	Medium	12212.41	SqFt	4.3%	FDOT - PATCHING - AC PARTIAL DEPTH	12212.73	SqFt	\$ 3.00	\$ 36,640.00
LCQ	RW 10-28	6114	48	L & T CR	Medium	8200.95	Ft	4.5%	FDOT - CRACK SEALING - AC	8200.79	Ft	\$ 3.00	\$ 24,610.00
LCQ	RW 10-28	6114	52	RAVELING	Low	183000.04	SqFt	100.0%	FDOT - SURFACE SEAL	183000.5	SqFt	\$ 0.55	\$ 100,660.00
LCQ	RW 10-28	6115	45	DEPRESSION	Low	76.53	SqFt	0.2%	FDOT - PATCHING - AC FULL DEPTH	115.17	SqFt	\$ 6.00	\$ 700.00
LCQ	RW 10-28	6115	48	L & T CR	Medium	879.76	Ft	2.1%	FDOT - CRACK SEALING - AC	879.59	Ft	\$ 3.00	\$ 2,640.00
LCQ	RW 10-28	6115	52	RAVELING	Low	42500.01	SqFt	100.0%	FDOT - SURFACE SEAL	42500.22	SqFt	\$ 0.55	\$ 23,380.00
LCQ	RW 10-28	6116	48	L & T CR	Medium	3119.88	Ft	3.4%	FDOT - CRACK SEALING - AC	3119.75	Ft	\$ 3.00	\$ 9,360.00
LCQ	RW 10-28	6116	52	RAVELING	Low	88977.07	SqFt	97.2%	FDOT - SURFACE SEAL	88976.64	SqFt	\$ 0.55	\$ 48,940.00
LCQ	RW 10-28	6116	52	RAVELING	Medium	2522.95	SqFt	2.8%	FDOT - PATCHING - AC PARTIAL DEPTH	2523.06	SqFt	\$ 3.00	\$ 7,570.00
LCQ	RW 10-28	6120	48	L & T CR	Medium	429.2	Ft	2.0%	FDOT - CRACK SEALING - AC	429.13	Ft	\$ 3.00	\$ 1,290.00
LCQ	RW 10-28	6120	52	RAVELING	Low	21250	SqFt	100.0%	FDOT - SURFACE SEAL	21250.11	SqFt	\$ 0.55	\$ 11,690.00
LCQ	RW 5-23	6205	41	ALLIGATOR CR	Low	433.25	SqFt	0.2%	FDOT - PATCHING - AC FULL DEPTH	520.97	SqFt	\$ 6.00	\$ 3,130.00
LCQ	RW 5-23	6205	45	DEPRESSION	Low	196.87	SqFt	0.1%	FDOT - PATCHING - AC FULL DEPTH	257.26	SqFt	\$ 6.00	\$ 1,550.00
LCQ	RW 5-23	6205	48	L & T CR	Medium	11239.37	Ft	4.7%	FDOT - CRACK SEALING - AC	11239.5	Ft	\$ 3.00	\$ 33,720.00
LCQ	RW 5-23	6205	52	RAVELING	Low	240000	SqFt	100.0%	FDOT - SURFACE SEAL	239999.7	SqFt	\$ 0.55	\$ 132,010.00
LCQ	RW 5-23	6205	56	SWELLING	Medium	19.7	SqFt	0.0%	FDOT - PATCHING - AC FULL DEPTH	41.98	SqFt	\$ 6.00	\$ 250.00
LCQ	RW 5-23	6207	48	L & T CR	Medium	407.12	Ft	1.9%	FDOT - CRACK SEALING - AC	407.15	Ft	\$ 3.00	\$ 1,230.00
LCQ	RW 5-23	6209	48	L & T CR	Medium	635.07	Ft	2.9%	FDOT - CRACK SEALING - AC	635.17	Ft	\$ 3.00	\$ 1,910.00
LCQ	RW 5-23	6209	52	RAVELING	Low	929.36	SqFt	4.2%	FDOT - SURFACE SEAL	928.93	SqFt	\$ 0.55	\$ 520.00
LCQ	T-HANG NW	4115	48	L & T CR	Medium	927.62	Ft	2.7%	FDOT - CRACK SEALING - AC	927.49	Ft	\$ 3.00	\$ 2,790.00
LCQ	T-HANG NW	4115	52	RAVELING	Low	33394.6	SqFt	98.2%	FDOT - SURFACE SEAL	33395.03	SqFt	\$ 0.55	\$ 18,370.00
LCQ	T-HANG NW	4115	52	RAVELING	Medium	618.39	SqFt	1.8%	FDOT - PATCHING - AC PARTIAL DEPTH	618.92	SqFt	\$ 3.00	\$ 1,860.00



Network ID	Branch ID	Section ID	Distress Code	Description	Severity	Distress Qty	Distress Unit	Percent Distress	Work Description	Work Qty	Work Unit	Unit Cost	Work Cost
LCQ	T-HANG NW	4116	65	JT SEAL DMG	High	14	Slabs	100.0%	FDOT - JOINT SEAL - PCC	392.72	Ft	\$ 2.75	\$ 1,080.00
LCQ	T-HANG NW	4125	52	RAVELING	Low	19101.1	SqFt	68.4%	FDOT - SURFACE SEAL	19101.64	SqFt	\$ 0.55	\$ 10,510.00
LCQ	T-HANG NW	4125	52	RAVELING	Medium	8815.86	SqFt	31.6%	FDOT - PATCHING - AC PARTIAL DEPTH	8815.64	SqFt	\$ 3.00	\$ 26,450.00
LCQ	TW A1	140	52	RAVELING	Low	1138.5	SqFt	2.0%	FDOT - SURFACE SEAL	1138.82	SqFt	\$ 0.55	\$ 630.00
LCQ	TW C	310	45	DEPRESSION	Low	517.85	SqFt	1.0%	FDOT - PATCHING - AC FULL DEPTH	613.54	SqFt	\$ 6.00	\$ 3,690.00
LCQ	TW C	310	48	L & T CR	Medium	517.88	Ft	1.0%	FDOT - CRACK SEALING - AC	517.72	Ft	\$ 3.00	\$ 1,560.00
LCQ	TW C	310	52	RAVELING	Low	4060.15	SqFt	7.5%	FDOT - SURFACE SEAL	4060.15	SqFt	\$ 0.55	\$ 2,240.00
LCQ	TW D	405	41	ALLIGATOR CR	Low	632.81	SqFt	0.7%	FDOT - PATCHING - AC FULL DEPTH	738.4	SqFt	\$ 6.00	\$ 4,430.00
LCQ	TW D	405	45	DEPRESSION	Low	183.74	SqFt	0.2%	FDOT - PATCHING - AC FULL DEPTH	242.19	SqFt	\$ 6.00	\$ 1,460.00
LCQ	TW D	405	48	L & T CR	Medium	2102.49	Ft	2.4%	FDOT - CRACK SEALING - AC	2102.36	Ft	\$ 3.00	\$ 6,310.00
LCQ	TW D	405	52	RAVELING	Low	60038.51	SqFt	69.8%	FDOT - SURFACE SEAL	60038.94	SqFt	\$ 0.55	\$ 33,030.00
LCQ	TW D	405	52	RAVELING	Medium	22173.12	SqFt	25.8%	FDOT - PATCHING - AC PARTIAL DEPTH	22173.66	SqFt	\$ 3.00	\$ 66,520.00
LCQ	TW D	410	48	L & T CR	Medium	590.94	Ft	4.3%	FDOT - CRACK SEALING - AC	590.88	Ft	\$ 3.00	\$ 1,780.00
LCQ	TW D	410	52	RAVELING	Low	13693.95	SqFt	100.0%	FDOT - SURFACE SEAL	13693.85	SqFt	\$ 0.55	\$ 7,540.00



Table B-2 10-Year Major Rehabilitation Planning Needs at Section Level

Program Year	Network ID	Branch ID	Section ID	Surface	Area (SF)	PCI Before	Rehabilitation Type	Planning Cost
2018	LCQ	AP E	4205	AC	100,138	45	AC Restoration	\$ 790,000.00
2018	LCQ	AP E	4210	AC	39,217	50	AC Restoration	\$ 275,000.00
2018	LCQ	AP E	4212	AC	27,455	55	AC Restoration	\$ 193,000.00
2018	LCQ	AP E	4215	AC	105,993	39	AC Restoration	\$ 954,000.00
2018	LCQ	AP E	4220	AC	41,459	45	AC Restoration	\$ 327,000.00
2018	LCQ	AP E	4228	AC	27,000	2	AC Reconstruction	\$ 244,000.00
2018	LCQ	AP E	4230	AC	91,108	37	AC Reconstruction	\$ 821,000.00
2018	LCQ	AP E	4235	AC	83,816	46	AC Restoration	\$ 645,000.00
2018	LCQ	AP E	4250	AC	32,011	48	AC Restoration	\$ 234,000.00
2018	LCQ	AP NW	4110	AC	9,384	26	AC Reconstruction	\$ 85,000.00
2018	LCQ	AP RW10-28	5125	AC	59,444	51	AC Restoration	\$ 417,000.00
2018	LCQ	RW 10-28	6105	AC	574,700	47	AC Restoration	\$ 4,307,000.00
2018	LCQ	RW 10-28	6110	AC	287,350	58	AC Restoration	\$ 2,012,000.00
2018	LCQ	RW 10-28	6114	AAC	183,000	50	AC Restoration	\$ 1,282,000.00
2018	LCQ	RW 10-28	6115	AAC	42,500	45	AC Restoration	\$ 339,000.00
2018	LCQ	RW 10-28	6116	AAC	91,500	51	AC Restoration	\$ 641,000.00
2018	LCQ	RW 10-28	6120	AAC	21,250	47	AC Restoration	\$ 160,000.00
2018	LCQ	RW 5-23	6205	AAC	240,000	39	AC Restoration	\$ 2,161,000.00
2018	LCQ	RW 5-23	6207	AC	21,932	47	AC Restoration	\$ 165,000.00
2018	LCQ	RW 5-23	6209	AC	22,150	54	AC Restoration	\$ 156,000.00
2018	LCQ	T-HANG NW	4115	AC	34,013	57	AC Restoration	\$ 239,000.00
2018	LCQ	T-HANG NW	4125	AC	27,917	54	AC Restoration	\$ 196,000.00
2018	LCQ	TW D	405	AC	86,039	37	AC Reconstruction	\$ 775,000.00
2018	LCQ	TW D	410	AC	13,694	45	AC Restoration	\$ 109,000.00
2024	LCQ	TW C	310	AC	54,377	64	AC Restoration	\$ 381,000.00
2025	LCQ	AP NW	4105	AC	263,561	64	AC Restoration	\$ 1,845,000.00

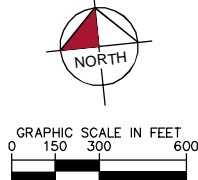
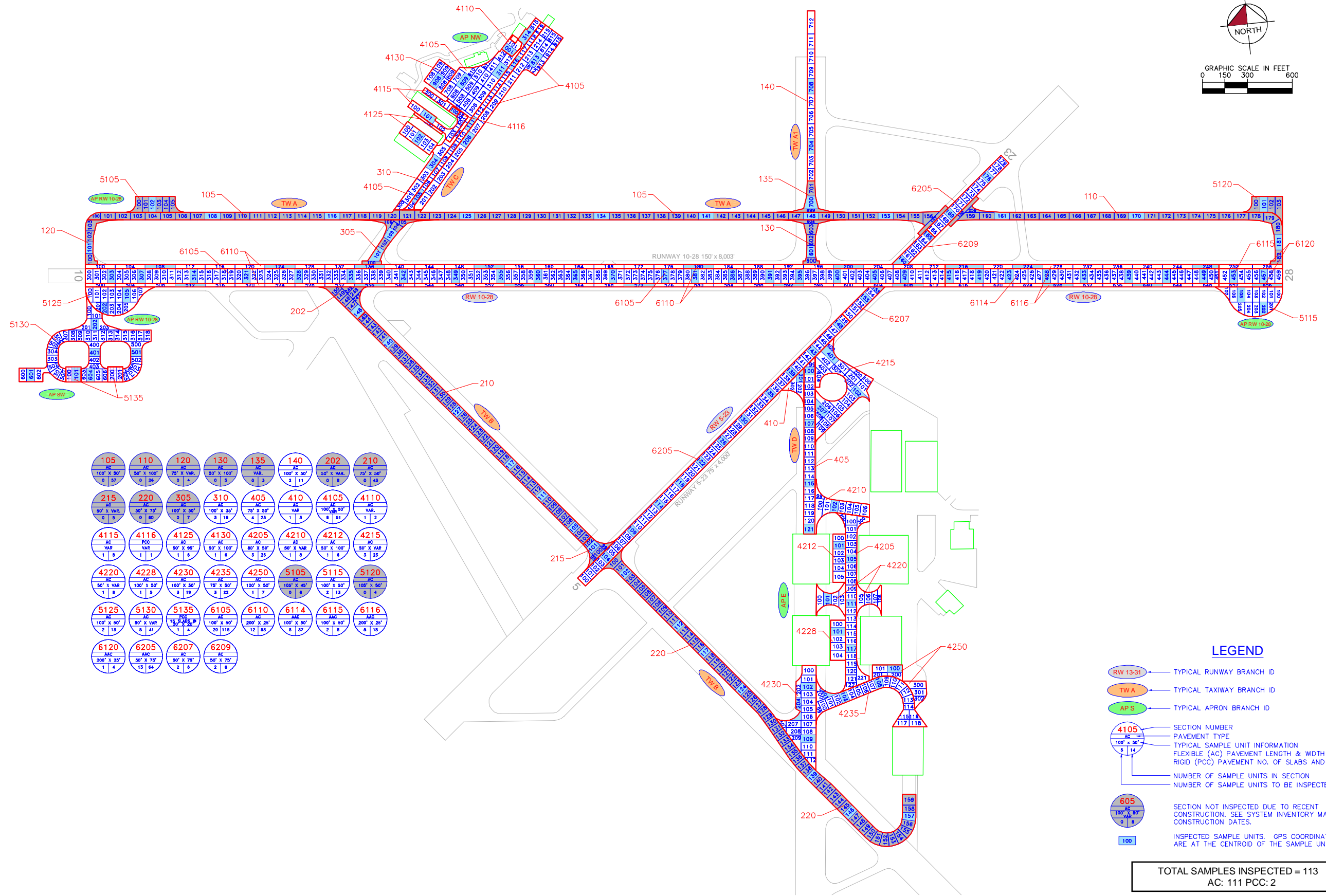


Program Year	Network ID	Branch ID	Section ID	Surface	Area (SF)	PCI Before	Rehabilitation Type	Planning Cost
2026	LCQ	AP RW10-28	5115	AC	62,200	63	AC Restoration	\$ 436,000.00
2027	LCQ	AP SW	5135	PCC	19,999	64	PCC Restoration	\$ 200,000.00

Appendix C

Technical Exhibits





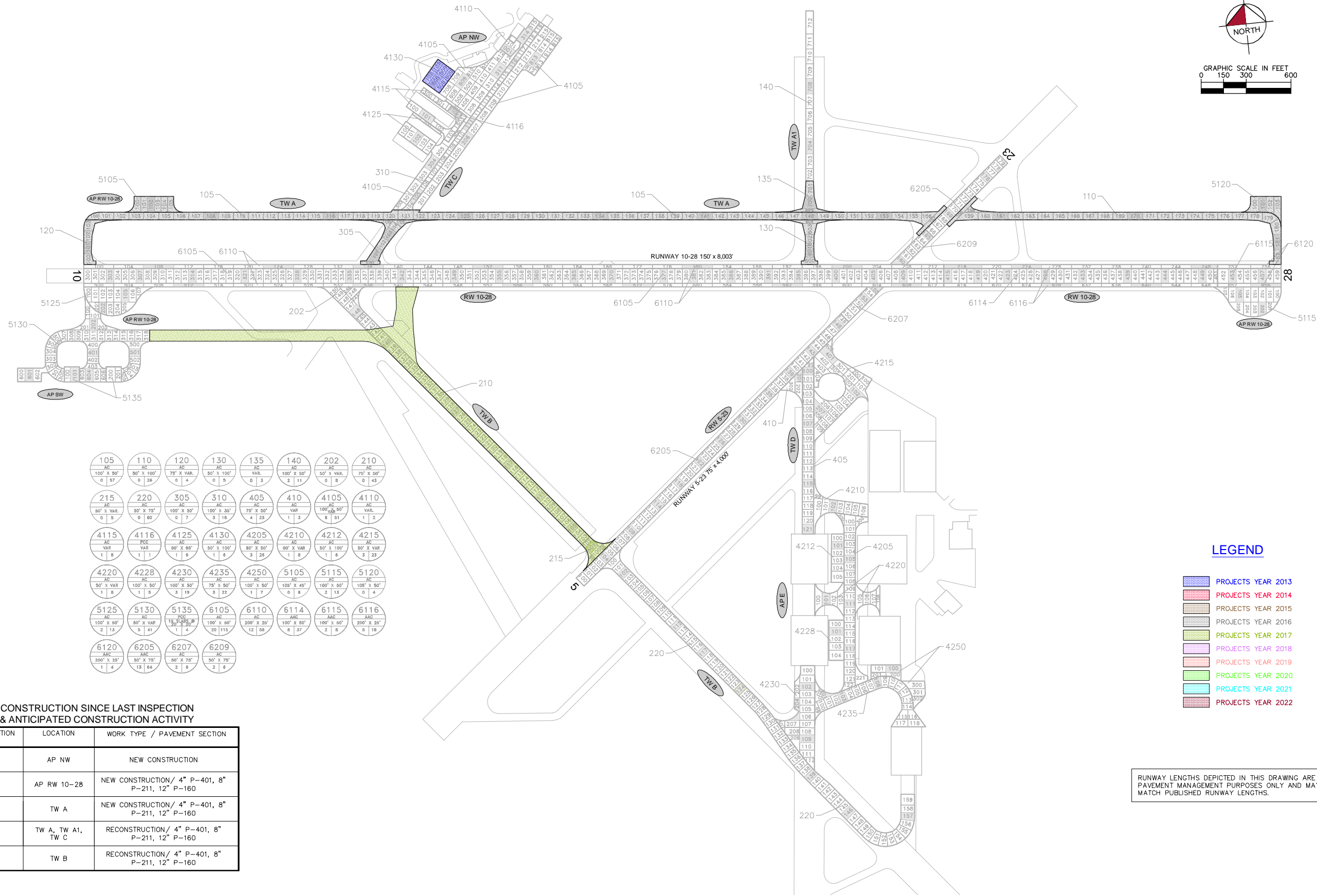
105	110	120	130	135	140	202	210
AC	AC	AC	AC	AC	AC	AC	AC
100' X 50'	50' X 100'	75' X VAR.	50' X 100'	VAR.	100' X 50'	50' X VAR.	75' X 50'
0	57	0	28	0	4	0	5
215	220	305	310	405	410	4105	4110
AC	AC	AC	AC	AC	AC	AC	AC
50' X VAR.	50' X 75'	100' X 50'	100' X 30'	75' X 50'	VAR.	100' X 50'	VAR.
0	5	0	40	0	16	3	18
4115	4116	4125	4130	4205	4210	4212	4215
AC	PCC	AC	AC	AC	AC	AC	AC
VAR.	VAR.	50' X 95'	50' X 100'	50' X 50'	50' X VAR.	50' X VAR.	50' X VAR.
1	8	1	1	3	25	1	3
4220	4228	4230	4235	4250	5105	5115	5120
AC	AC	AC	AC	AC	AC	AC	AC
50' X VAR.	100' X 50'	100' X 50'	75' X 50'	100' X 50'	105' X 45'	100' X 50'	105' X 50'
1	8	1	5	3	18	3	27
5125	5130	5135	6105	6110	6114	6115	6116
100' X 50'	AC	AC	AC	AC	AC	AC	AC
2	12	5	41	1	4	20	115
6120	6205	6207	6209				
AC	AC	AC	AC				
200' X 20'	50' X 75'	50' X 75'	50' X 75'				
1	4	13	64				

LEGEND

- RW 13-31 — TYPICAL RUNWAY BRANCH ID
- TW A — TYPICAL TAXIWAY BRANCH ID
- AP S — TYPICAL APRON BRANCH ID
- 4105 — SECTION NUMBER
- 100' X 50' — PAVEMENT TYPE
- 5 | 14 — TYPICAL SAMPLE UNIT INFORMATION
- 100' X 50' — FLEXIBLE (AC) PAVEMENT LENGTH & WIDTH
- 0 | 8 — RIGID (PCC) PAVEMENT NO. OF SLABS AND SLAB SIZE
- 100 — NUMBER OF SAMPLE UNITS IN SECTION
- 100 — NUMBER OF SAMPLE UNITS TO BE INSPECTED
- 605 — SECTION NOT INSPECTED DUE TO RECENT CONSTRUCTION. SEE SYSTEM INVENTORY MAP FOR CONSTRUCTION DATES.
- 100 — INSPECTED SAMPLE UNITS. GPS COORDINATES ARE AT THE CENTROID OF THE SAMPLE UNIT.

TOTAL SAMPLES INSPECTED = 113
AC: 111 PCC: 2

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



CONSTRUCTION SINCE LAST INSPECTION
& ANTICIPATED CONSTRUCTION ACTIVITY

CONSTRUCTION YEAR	LOCATION	WORK TYPE / PAVEMENT SECTION
2013	AP NW	NEW CONSTRUCTION
2016	AP RW 10-28	NEW CONSTRUCTION/ 4" P-401, 8" P-211, 12" P-160
2016	TW A	NEW CONSTRUCTION/ 4" P-401, 8" P-211, 12" P-160
2016	TW A, TW A1, TW C	RECONSTRUCTION/ 4" P-401, 8" P-211, 12" P-160
2017	TW B	RECONSTRUCTION/ 4" P-401, 8" P-211, 12" P-160

LEGEND

- PROJECTS YEAR 2013
- PROJECTS YEAR 2014
- PROJECTS YEAR 2015
- PROJECTS YEAR 2016
- PROJECTS YEAR 2017
- PROJECTS YEAR 2018
- PROJECTS YEAR 2019
- PROJECTS YEAR 2020
- PROJECTS YEAR 2021
- PROJECTS YEAR 2022

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



002 - AIRFIELD PAVEMENT
SYSTEM INVENTORY EXHIBIT

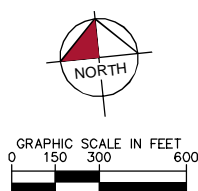
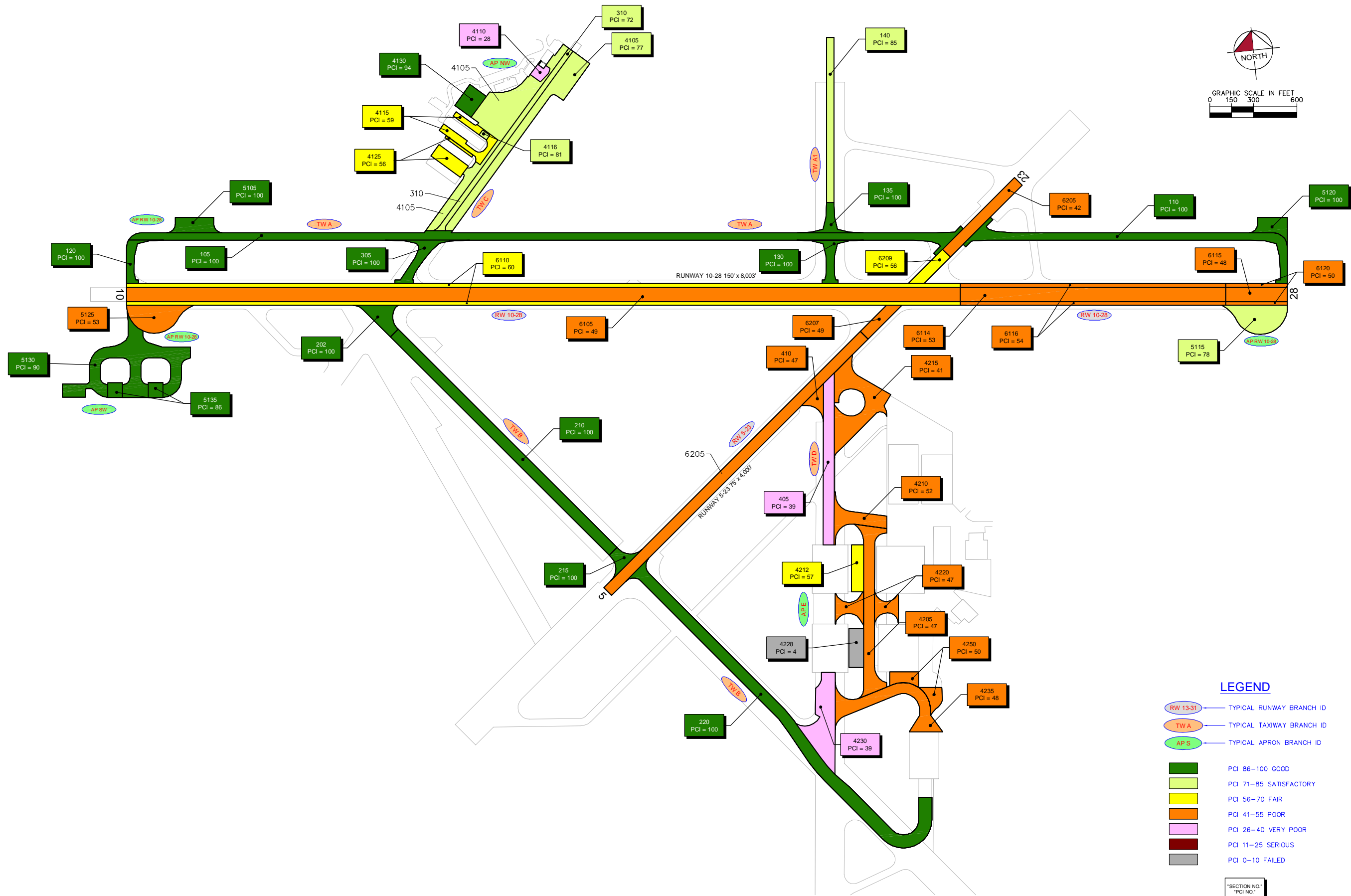
Airport Pavement Evaluation Report

2017

Statewide Airfield Pavement
Management Program

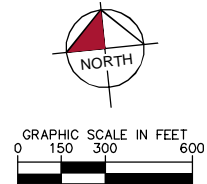
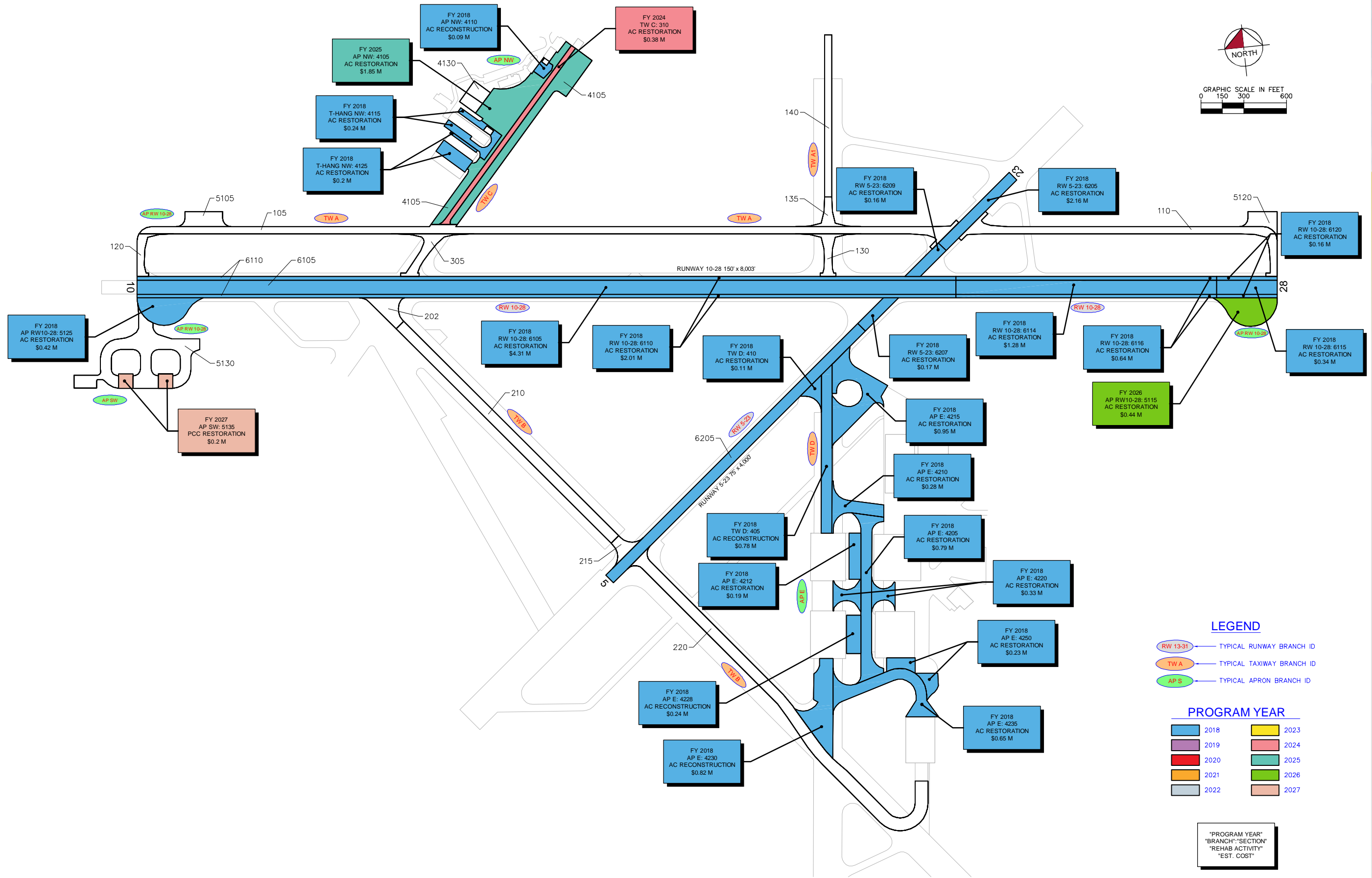
LAKE CITY GATEWAY AIRPORT - LCQ





- LEGEND**
- RW 13-31 TYPICAL RUNWAY BRANCH ID
 - TW A TYPICAL TAXIWAY BRANCH ID
 - AP S TYPICAL APRON BRANCH ID
 - PCI 86-100 GOOD
 - PCI 71-85 SATISFACTORY
 - PCI 56-70 FAIR
 - PCI 41-55 POOR
 - PCI 26-40 VERY POOR
 - PCI 11-25 SERIOUS
 - PCI 0-10 FAILED

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



LEGEND

- RW 13-31: TYPICAL RUNWAY BRANCH ID
- TW A: TYPICAL TAXIWAY BRANCH ID
- AP S: TYPICAL APRON BRANCH ID

PROGRAM YEAR

2018	2023
2019	2024
2020	2025
2021	2026
2022	2027

"PROGRAM YEAR"
"BRANCH"/"SECTION"
"REHAB ACTIVITY"
"EST. COST"

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

Appendix D

Inspection Photograph Documentation



Runway 5-23, Section 6205, Sample Unit 122 – Low Severity (43) Block Cracking, Low and Medium Severity (48) Longitudinal and Transverse Cracking, Low Severity (52) Raveling, Low Severity (53) Rutting



Runway 5-23, Section 6207, Sample Unit 155 – Low and Medium Severity (48) Longitudinal and Transverse Cracking, Low Severity (56) Swelling, Low Severity (57) Weathering



Runway 5-23, Section 6209, Sample Unit 160 – Low and Medium Severity (48) Longitudinal and Transverse Cracking, Low Severity (56) Swelling, Low Severity (57) Weathering



Runway 10-28, Section 6105, Sample Unit 321 – Low and Medium Severity (48) Longitudinal and Transverse Cracking, High Severity (52) Raveling



Runway 10-28, Section 6105, Sample Unit 321 – Low and Medium Severity (48) Longitudinal and Transverse Cracking, Low Severity (56) Swelling



Runway 10-28, Section 6115, Sample Unit 453 – Low and Medium Severity (48) Longitudinal and Transverse Cracking, Low Severity (52) Raveling



Runway 10-28, Section 6114, Sample Unit 423 – Low and Medium Severity (48) Longitudinal and Transverse Cracking, Low Severity (52) Raveling



Runway 10-28, Section 6120, Sample Unit 656 – Low and Medium Severity (48) Longitudinal and Transverse Cracking, Low Severity (52) Raveling



Taxiway D, Section 405, Sample Unit 100 – Low Severity (41) Alligator Cracking, Low Severity (43) Block Cracking, Low and Medium Severity (48) Longitudinal and Transverse Cracking, Low Severity (52) Raveling, Low Severity (53) Rutting



Taxiway D, Section 410, Sample Unit 201 – Low and Medium Severity (48) Longitudinal and Transverse Cracking, Low Severity (52) Raveling



Taxiway C, Section 310, Sample Unit 116 – Low and Medium Severity (48) Longitudinal and Transverse Cracking, Low Severity (52) Raveling, Low Severity (57) Weathering



Taxiway A1, Section 140, Sample Unit 708 – Low Severity (48) Longitudinal and Transverse Cracking, Low Severity (52) Raveling, Low Severity (57) Weathering



East Apron, Section 4228, Sample Unit 101 – Medium Severity (45) Depression, High Severity (50) Patching, High Severity (52) Raveling



East Apron, Section 4205, Sample Unit 111 – High Severity (45) Depression, Low and Medium Severity (48) Longitudinal and Transverse Cracking, Low Severity (52) Raveling



East Apron, Section 4215, Sample Unit 401 – Low and Medium Severity (48) Longitudinal and Transverse Cracking, Low Severity (52) Raveling, Medium Severity (52) Raveling



East Apron, Section 4230, Sample Unit 204 – Medium Severity (43) Block Cracking, Low and Medium Severity (48) Longitudinal and Transverse Cracking, Low Severity (52) Raveling



Apron NW, Section 4110, Sample Unit 100 – Medium Severity (43) Block Cracking and Low and Medium Severity (48) Longitudinal and Transverse Cracking, Low Severity (45) Depression, Low Severity (52) Raveling



Apron NW, Section 4105, Sample Unit 813 – Low and Medium Severity (48) Longitudinal and Transverse Cracking, Low Severity (52) Raveling, Low Severity (56) Swelling, Low Severity (57) Weathering.



Apron RW 10-28, Section 5125, Sample Unit 202 – Low and Medium Severity (48) Longitudinal and Transverse Cracking, Low Severity (57) Weathering.



Apron RW 10-28, Section 5115, Sample Unit 105 – Low Severity (48) Longitudinal and Transverse Cracking, Low Severity (56) Swelling, Low Severity (57) Weathering.



Taxilane T-Hang NW, Section 4125, Sample Unit 102 – Low Severity (48) Longitudinal and Transverse Cracking, Low Severity (52) Raveling, Medium Severity (52) Raveling



Taxilane to T-Hang NW, Section 4115, Sample Unit 101 – Low and Medium Severity (48) Longitudinal and Transverse Cracking, Low Severity (52) Raveling, Medium Severity (52) Raveling.



Apron SW, Section 5135, Sample Unit 101 – Medium Severity (65) Joint Seal Damage, (73) Shrinkage Cracks.

Appendix E

Inspection Distress Details

Re-Inspection Report

FDOT

Generated Date 8/3/2017

Page 1 of 48

Network:	LCQ	Name:	LAKE CITY GATEWAY AIRPORT				
Branch:	APE	Name:	EAST APRON	Use:	APRON	Area:	548,197 SqFt
Section:	4205	of	9	From:	-	To:	-
Surface:	AC	Family:	C9N59-GA-AP-AC	Zone:		Category:	
Area:	100,138 SqFt	Length:	1,100 Ft	Width:	80 Ft	Rank:	T
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft
Shoulder:		Street Type:		Grade:	0	Lanes:	0
Section Comments:							

Work Date:	12/25/1999	Work Type:	New Construction - Initial	Code:	NU-IN	Is Major M&R:	True
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Last Insp. Date:	2/6/2017	TotalSamples:	26	Surveyed:	3
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Conditions: PCI: 47

Inspection Comments:

Sample Number:	105	Type:	R	Area:	3750.00 SqFt	PCI:	52
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Sample Comments:

48	L & T CR	M	137.00 Ft
48	L & T CR	L	600.00 Ft
52	RAVELING	L	3750.00 SqFt

Sample Number:	111	Type:	R	Area:	3750.00 SqFt	PCI:	24
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Sample Comments:

48	L & T CR	M	150.00 Ft
48	L & T CR	L	818.00 Ft
52	RAVELING	L	3750.00 SqFt
45	DEPRESSION	H	500.00 SqFt
41	ALLIGATOR CR	L	5.00 SqFt

Sample Number:	117	Type:	R	Area:	3750.00 SqFt	PCI:	64
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Sample Comments:

48	L & T CR	L	505.00 Ft
52	RAVELING	L	3750.00 SqFt

Network:	LCQ	Name:	LAKE CITY GATEWAY AIRPORT						
Branch:	APE	Name:	EAST APRON	Use:	APRON	Area:	548,197 SqFt		
Section:	4210	of	9	From:	-	To:	-	Last Const.:	12/25/1999
Surface:	AC	Family:	C9N59-GA-AP-AC	Zone:		Category:		Rank:	P
Area:	39,217 SqFt	Length:	350 Ft	Width:	100 Ft				
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft		
Shoulder:		Street Type:		Grade:	0	Lanes:	0		
Section Comments:									
Work Date:	12/25/1999	Work Type:	New Construction - Initial		Code:	NU-IN	Is Major M&R:	True	
Last Insp. Date:	2/6/2017	TotalSamples:	8	Surveyed:	1				
Conditions:	PCI:	52							
Inspection Comments:									
Sample Number:	102	Type:	R	Area:	4263.00 SqFt	PCI:	52		
Sample Comments:									
48	L & T CR	M	50.00	Ft					
48	L & T CR	L	500.00	Ft					
41	ALLIGATOR CR	L	24.00	SqFt					
52	RAVELING	M	100.00	SqFt					
52	RAVELING	L	4163.00	SqFt					
42	BLEEDING	N	2.00	SqFt					

Network:	LCQ	Name:	LAKE CITY GATEWAY AIRPORT						
Branch:	AP E	Name:	EAST APRON	Use:	APRON	Area:	548,197 SqFt		
Section:	4212	of	9	From:	-	To:	-	Last Const.:	12/25/1999
Surface:	AC	Family:	C9N59-GA-AP-AC	Zone:		Category:		Rank:	P
Area:	27,455 SqFt	Length:	320 Ft	Width:	100 Ft				
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft		
Shoulder:		Street Type:		Grade:	0	Lanes:	0		
Section Comments:									
Work Date:	12/25/1999	Work Type:	New Construction - Initial		Code:	NU-IN	Is Major M&R:	True	
Last Insp. Date:	2/6/2017	TotalSamples:	6	Surveyed:	1				
Conditions:	PCI:	57							
Inspection Comments:									
Sample Number:	101	Type:	R	Area:	4250.00 SqFt	PCI:	57		
Sample Comments:									
48	L & T CR	M	50.00	Ft					
48	L & T CR	L	321.00	Ft					
52	RAVELING	M	425.00	SqFt					
52	RAVELING	L	3825.00	SqFt					

Network:	LCQ		Name:	LAKE CITY GATEWAY AIRPORT		
Branch:	APE		Name:	EAST APRON		Use: APRON
Area:	548,197 SqFt		Area:	548,197 SqFt		
Section:	4215	of 9	From:	-		To: -
Last Const.:	1/1/1997					
Surface:	AC	Family:	C9N59-GA-AP-AC	Zone:		Category:
Rank:	P					
Area:	105,993 SqFt	Length:	475 Ft	Width:	200 Ft	
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length: Ft
Shoulder:		Street Type:		Grade:	0	Lanes: 0
Section Comments:						
Work Date:	1/1/1997		Work Type:	New Construction - Initial		Code: NU-IN
Is Major M&R:	True					
Last Insp. Date:	2/6/2017		TotalSamples:	23		Surveyed: 3
Conditions:	PCI: 41					
Inspection Comments:						
Sample Number:	102	Type:	R	Area:	4555.00 SqFt	PCI: 41
Sample Comments:						
43	BLOCK CR	M	456.00	SqFt		
43	BLOCK CR	L	4099.00	SqFt		
52	RAVELING	L	4327.00	SqFt		
52	RAVELING	M	228.00	SqFt		
42	BLEEDING	N	4.00	SqFt		
56	SWELLING	L	91.00	SqFt		
Sample Number:	207	Type:	R	Area:	5333.00 SqFt	PCI: 42
Sample Comments:						
56	SWELLING	L	112.00	SqFt		
52	RAVELING	M	267.00	SqFt		
52	RAVELING	L	5066.00	SqFt		
43	BLOCK CR	M	373.00	SqFt		
43	BLOCK CR	L	4960.00	SqFt		
Sample Number:	401	Type:	R	Area:	6141.00 SqFt	PCI: 40
Sample Comments:						
48	L & T CR	M	252.00	Ft		
48	L & T CR	L	923.00	Ft		
56	SWELLING	L	50.00	SqFt		
52	RAVELING	L	4299.00	SqFt		
52	RAVELING	M	1842.00	SqFt		
42	BLEEDING	N	1.00	SqFt		
45	DEPRESSION	L	20.00	SqFt		

Network:	LCQ	Name:	LAKE CITY GATEWAY AIRPORT						
Branch:	AP E	Name:	EAST APRON	Use:	APRON	Area:	548,197 SqFt		
Section:	4220	of	9	From:	-	To:	-	Last Const.:	12/25/1999
Surface:	AC	Family:	C9N59-GA-AP-AC	Zone:		Category:		Rank:	P
Area:	41,459 SqFt	Length:	350 Ft	Width:	70 Ft				
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft		
Shoulder:		Street Type:		Grade:	0	Lanes:	0		
Section Comments:									
Work Date:	12/25/1999	Work Type:	New Construction - Initial		Code:	NU-IN	Is Major M&R:	True	
Last Insp. Date:	2/6/2017	TotalSamples:	8	Surveyed:	1				
Conditions:	PCI:	47							
Inspection Comments:									
Sample Number:	101	Type:	R	Area:	4061.00 SqFt	PCI:	47		
Sample Comments:									
48	L & T CR	M	416.00	Ft					
48	L & T CR	L	250.00	Ft					
52	RAVELING	L	3858.00	SqFt					
52	RAVELING	M	203.00	SqFt					

Network:	LCQ	Name:	LAKE CITY GATEWAY AIRPORT						
Branch:	AP E	Name:	EAST APRON	Use:	APRON	Area:	548,197 SqFt		
Section:	4228	of	9	From:	-	To:	-	Last Const.:	12/25/1999
Surface:	AC	Family:	C9N59-GA-AP-AC	Zone:		Category:		Rank:	P
Area:	27,000 SqFt	Length:	260 Ft	Width:	100 Ft				
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft		
Shoulder:		Street Type:		Grade:	0	Lanes:	0		
Section Comments:									
Work Date:	12/25/1999	Work Type:	New Construction - Initial		Code:	NU-IN	Is Major M&R:	True	
Last Insp. Date:	2/6/2017	TotalSamples:	5	Surveyed:	1				
Conditions:	PCI:	4							
Inspection Comments:									
Sample Number:	101	Type:	R	Area:	5000.00 SqFt	PCI:	4		
Sample Comments:									
45	DEPRESSION	M	16.00	SqFt					
50	PATCHING	H	345.00	SqFt					
41	ALLIGATOR CR	M	147.00	SqFt					
41	ALLIGATOR CR	L	569.00	SqFt					
45	DEPRESSION	L	234.00	SqFt					
52	RAVELING	H	470.00	SqFt					
52	RAVELING	M	4185.00	SqFt					
43	BLOCK CR	L	3939.00	SqFt					

Network:	LCQ			Name:	LAKE CITY GATEWAY AIRPORT					
Branch:	AP E		Name:	EAST APRON		Use:	APRON		Area:	548,197 SqFt
Section:	4230		of	9	From:	-		To:	-	
Surface:	AC		Family:	C9N59-GA-AP-AC		Zone:			Category:	Rank: P
Area:	91,108 SqFt		Length:	650 Ft		Width:	100 Ft			
Slabs:			Slab Length:	Ft		Slab Width:	Ft		Joint Length:	Ft
Shoulder:			Street Type:			Grade:	0		Lanes:	0
Section Comments:										
Work Date:	1/1/1997		Work Type: New Construction - Initial				Code:	NU-IN		Is Major M&R: True
Last Insp. Date:	2/6/2017		TotalSamples:	19		Surveyed:	3			
Conditions:	PCI:	39								
Inspection Comments:										
Sample Number:	102	Type:	R	Area:	5000.00 SqFt		PCI:	42		
Sample Comments:										
56	SWELLING		L	40.00	SqFt					
48	L & T CR		M	200.00	Ft					
48	L & T CR		L	815.00	Ft					
52	RAVELING		L	5000.00	SqFt					
42	BLEEDING		N	8.00	SqFt					
53	RUTTING		L	76.00	SqFt					
41	ALLIGATOR CR		L	11.00	SqFt					
45	DEPRESSION		L	2.00	SqFt					
Sample Number:	109	Type:	R	Area:	5000.00 SqFt		PCI:	40		
Sample Comments:										
48	L & T CR		L	324.00	Ft					
43	BLOCK CR		L	3150.00	SqFt					
42	BLEEDING		N	143.00	SqFt					
45	DEPRESSION		L	6.00	SqFt					
53	RUTTING		L	156.00	SqFt					
52	RAVELING		L	5000.00	SqFt					
56	SWELLING		L	100.00	SqFt					
Sample Number:	204	Type:	R	Area:	4708.00 SqFt		PCI:	34		
Sample Comments:										
56	SWELLING		L	330.00	SqFt					
48	L & T CR		M	195.00	Ft					
43	BLOCK CR		L	429.00	SqFt					
43	BLOCK CR		M	81.00	SqFt					
48	L & T CR		L	380.00	Ft					
45	DEPRESSION		L	50.00	SqFt					
41	ALLIGATOR CR		L	21.00	SqFt					
52	RAVELING		L	4708.00	SqFt					

Network:	LCQ	Name:	LAKE CITY GATEWAY AIRPORT						
Branch:	AP E	Name:	EAST APRON	Use:	APRON	Area:	548,197 SqFt		
Section:	4235	of	9	From:	-	To:	-	Last Const.:	12/25/1999
Surface:	AC	Family:	C9N59-GA-AP-AC	Zone:		Category:		Rank:	P
Area:	83,816 SqFt	Length:	1,100 Ft	Width:	80 Ft				
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft		
Shoulder:		Street Type:		Grade:	0	Lanes:	0		
Section Comments:									
Work Date:	12/25/1999	Work Type:	New Construction - Initial			Code:	NU-IN	Is Major M&R:	True
Last Insp. Date:	2/6/2017	TotalSamples:	22	Surveyed:	3				
Conditions:	PCI:	48							
Inspection Comments:									
Sample Number:	103	Type:	R	Area:	3764.00 SqFt	PCI:	47		
Sample Comments:									
48	L & T CR	L	558.00	Ft					
43	BLOCK CR	L	550.00	SqFt					
42	BLEEDING	N	5.00	SqFt					
56	SWELLING	L	100.00	SqFt					
45	DEPRESSION	L	48.00	SqFt					
52	RAVELING	L	3764.00	SqFt					
Sample Number:	108	Type:	R	Area:	3779.00 SqFt	PCI:	40		
Sample Comments:									
48	L & T CR	L	565.00	Ft					
43	BLOCK CR	L	150.00	SqFt					
45	DEPRESSION	L	42.00	SqFt					
42	BLEEDING	N	12.00	SqFt					
53	RUTTING	L	180.00	SqFt					
56	SWELLING	L	100.00	SqFt					
52	RAVELING	L	3779.00	SqFt					
Sample Number:	201	Type:	R	Area:	2659.00 SqFt	PCI:	61		
Sample Comments:									
48	L & T CR	L	491.00	Ft					
52	RAVELING	L	2659.00	SqFt					

Network:	LCQ	Name:	LAKE CITY GATEWAY AIRPORT						
Branch:	APE	Name:	EAST APRON	Use:	APRON	Area:	548,197 SqFt		
Section:	4250	of	9	From:	-	To:	-	Last Const.:	12/25/1999
Surface:	AC	Family:	C9N59-GA-AP-AC	Zone:		Category:		Rank:	P
Area:	32,011 SqFt	Length:	300 Ft	Width:	80 Ft				
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft		
Shoulder:		Street Type:		Grade:	0	Lanes:	0		
Section Comments:									
Work Date:	12/25/1999	Work Type:	New Construction - Initial		Code:	NU-IN	Is Major M&R:	True	
Last Insp. Date:	2/6/2017	TotalSamples:	7	Surveyed:	1				
Conditions:	PCI:	50							
Inspection Comments:									
Sample Number:	100	Type:	R	Area:	5000.00 SqFt	PCI:	50		
Sample Comments:									
52	RAVELING	M	500.00	SqFt					
43	BLOCK CR	L	152.00	SqFt					
48	L & T CR	L	457.00	Ft					
45	DEPRESSION	L	75.00	SqFt					
52	RAVELING	L	4500.00	SqFt					
56	SWELLING	L	25.00	SqFt					

Network:	LCQ		Name:	LAKE CITY GATEWAY AIRPORT			
Branch:	AP NW	Name:	NORTH APRON	Use:	APRON	Area:	297,865 SqFt
Section:	4105	of 3	From:	-	To:	-	Last Const.: 1/1/2004
Surface:	AC	Family:	C9N59-GA-AP-AC	Zone:		Category:	Rank: T
Area:	263,561 SqFt	Length:	3,300 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:	1/1/2004	Work Type:	Complete Reconstruction - AC		Code:	CR-AC	Is Major M&R: True
Last Insp. Date:	2/6/2017	TotalSamples:	51	Surveyed:	6		
Conditions:	PCI: 77						
Inspection Comments:							
Sample Number:	206	Type:	R	Area:	5600.00 SqFt	PCI:	74
Sample Comments:							
50	PATCHING	L	12.00	SqFt			
48	L & T CR	L	223.00	Ft			
56	SWELLING	L	50.00	SqFt			
57	WEATHERING	L	5488.00	SqFt			
52	RAVELING	L	100.00	SqFt			
Sample Number:	304	Type:	R	Area:	5976.00 SqFt	PCI:	88
Sample Comments:							
48	L & T CR	L	100.00	Ft			
57	WEATHERING	L	5976.00	SqFt			
Sample Number:	311	Type:	R	Area:	6400.00 SqFt	PCI:	71
Sample Comments:							
48	L & T CR	L	338.00	Ft			
48	L & T CR	M	50.00	Ft			
52	RAVELING	L	50.00	SqFt			
57	WEATHERING	L	6350.00	SqFt			
56	SWELLING	L	5.00	SqFt			
Sample Number:	314	Type:	R	Area:	6357.00 SqFt	PCI:	79
Sample Comments:							
48	L & T CR	L	211.00	Ft			
52	RAVELING	L	127.00	SqFt			
57	WEATHERING	L	6230.00	SqFt			
56	SWELLING	L	10.00	SqFt			
Sample Number:	609	Type:	R	Area:	5000.00 SqFt	PCI:	78
Sample Comments:							
48	L & T CR	L	201.00	Ft			
57	WEATHERING	L	4900.00	SqFt			
52	RAVELING	L	100.00	SqFt			
Sample Number:	813	Type:	R	Area:	5000.00 SqFt	PCI:	69
Sample Comments:							
50	PATCHING	L	187.00	SqFt			
48	L & T CR	L	96.00	Ft			
48	L & T CR	M	33.00	Ft			
56	SWELLING	L	15.00	SqFt			
52	RAVELING	L	242.00	SqFt			
57	WEATHERING	L	4571.00	SqFt			

Network:	LCQ		Name:	LAKE CITY GATEWAY AIRPORT									
Branch:	AP NW		Name:	NORTH APRON		Use:	APRON	Area:	297,865 SqFt				
Section:	4110	of 3	From:	-			To:	-		Last Const.:	1/1/1992		
Surface:	AC		Family:	C9N59-GA-AP-AC		Zone:			Category:			Rank:	T
Area:	9,384 SqFt		Length:	95 Ft		Width:	93 Ft						
Slabs:	Slab Length:		Ft		Slab Width:	Ft		Joint Length:	Ft				
Shoulder:	Street Type:		Grade:		0		Lanes:	0					
Section Comments:													
Work Date:	1/1/1992		Work Type:	Complete Reconstruction - AC			Code:	CR-AC		Is Major M&R:	True		
Last Insp. Date:	2/6/2017		TotalSamples:	2		Surveyed:	1						
Conditions:	PCI:	28											
Inspection Comments:													
Sample Number:	100	Type:	R	Area:	4481.00 SqFt		PCI:	28					
Sample Comments:													
45	DEPRESSION	L	28.00	SqFt									
41	ALLIGATOR CR	L	72.00	SqFt									
48	L & T CR	M	96.00	Ft									
43	BLOCK CR	M	3149.00	SqFt									
53	RUTTING	L	20.00	SqFt									
52	RAVELING	L	4481.00	SqFt									
56	SWELLING	L	224.00	SqFt									

Network:	LCQ		Name:	LAKE CITY GATEWAY AIRPORT							
Branch:	AP NW		Name:	NORTH APRON		Use:	APRON	Area:	297,865 SqFt		
Section:	4130	of 3	From:	-			To:	-	Last Const.:	1/1/2013	
Surface:	AC	Family:	C9N59-GA-AP-AC		Zone:		Category:		Rank:	P	
Area:	24,920 SqFt		Length:	178 Ft		Width:	145 Ft				
Slabs:		Slab Length:	Ft		Slab Width:	Ft		Joint Length:	Ft		
Shoulder:		Street Type:		Grade:	0		Lanes:	0			
Section Comments:											
Work Date:	1/1/2013		Work Type:	New Construction - Initial			Code:	NU-IN		Is Major M&R:	True
Last Insp. Date:	2/6/2017		TotalSamples:	6		Surveyed:	1				
Conditions:	PCI:	94									
Inspection Comments:											
Sample Number:	908	Type:	R	Area:	5000.00 SqFt		PCI:	94			
Sample Comments:											
57	WEATHERING		L	5000.00 SqFt							

Network:	LCQ		Name:	LAKE CITY GATEWAY AIRPORT								
Branch:	AP RW10-28		Name:	RUN UP AND TURNAROUND APRON RW10-28		Use:	APRON	Area:	175,373 SqFt			
Section:	5115	of 4	From:	-			To:	-		Last Const.:	1/1/1997	
Surface:	AC	Family:	C9N59-GA-AP-AC		Zone:				Category:	Rank:	P	
Area:	62,200 SqFt		Length:	220 Ft		Width:	200 Ft					
Slabs:	Slab Length:		Ft		Slab Width:	Ft		Joint Length:	Ft			
Shoulder:	Street Type:				Grade:	0		Lanes:	0			
Section Comments:												
Work Date:	1/1/1997		Work Type:	New Construction - Initial				Code:	NU-IN		Is Major M&R:	True
Last Insp. Date:	2/6/2017		TotalSamples:	13		Surveyed:	2					
Conditions:	PCI: 78											
Inspection Comments:												
Sample Number:	105	Type:	R	Area:	5000.00 SqFt		PCI:	67				
Sample Comments:												
48	L & T CR		L	50.00 Ft								
56	SWELLING		L	200.00 SqFt								
57	WEATHERING		L	4250.00 SqFt								
50	PATCHING		L	750.00 SqFt								
Sample Number:	202	Type:	R	Area:	4475.00 SqFt		PCI:	89				
Sample Comments:												
48	L & T CR		L	61.00 Ft								
57	WEATHERING		L	4475.00 SqFt								

Network:	LCQ		Name:	LAKE CITY GATEWAY AIRPORT								
Branch:	AP RW10-28		Name:	RUN UP AND TURNAROUND APRON RW10-28		Use:	APRON		Area:	175,373 SqFt		
Section:	5125	of 4	From:	-			To:	-			Last Const.:	1/1/1997
Surface:	AC		Family:	C9N59-GA-AP-AC		Zone:				Category:	Rank: P	
Area:	59,444 SqFt		Length:	220 Ft		Width:	200 Ft					
Slabs:			Slab Length:	Ft		Slab Width:	Ft		Joint Length:	Ft		
Shoulder:			Street Type:			Grade:	0		Lanes:	0		
Section Comments:												
Work Date:	1/1/1997		Work Type:	New Construction - Initial				Code:	NU-IN		Is Major M&R:	True
Last Insp. Date:	2/6/2017		TotalSamples:	13			Surveyed:	2				
Conditions:	PCI:	53										
Inspection Comments:												
Sample Number:	105	Type:	R	Area:	5000.00 SqFt			PCI:	55			
Sample Comments:												
48	L & T CR		L	710.00 Ft								
48	L & T CR		M	135.00 Ft								
56	SWELLING		L	750.00 SqFt								
57	WEATHERING		L	5000.00 SqFt								
Sample Number:	202	Type:	R	Area:	4027.00 SqFt			PCI:	51			
Sample Comments:												
48	L & T CR		L	709.00 Ft								
48	L & T CR		M	200.00 Ft								
57	WEATHERING		L	4027.00 SqFt								
56	SWELLING		L	403.00 SqFt								

Network:	LCQ		Name:	LAKE CITY GATEWAY AIRPORT					
Branch:	AP SW		Name:	SOUTHWEST APRON		Use:	APRON	Area:	182,977 SqFt
Section:	5130	of 2	From:	-			To:	-	Last Const.: 7/1/2010
Surface:	AC	Family:	C9N59-GA-AP-AC		Zone:		Category:		Rank: P
Area:	162,978 SqFt		Length:	2,175 Ft		Width:	75 Ft		
Slabs:	Slab Length:		Ft	Slab Width:		Ft	Joint Length:		Ft
Shoulder:	Street Type:			Grade:		0	Lanes:		0
Section Comments:									
Work Date:	7/1/2010		Work Type: New Construction - Initial			Code:	NU-IN		Is Major M&R: True
Last Insp. Date:	2/6/2017		TotalSamples:	41		Surveyed:	5		
Conditions:	PCI:	90							
Inspection Comments:									
Sample Number:	202	Type:	R	Area:	3750.00 SqFt		PCI:	90	
Sample Comments:									
48	L & T CR	L	12.00 Ft						
57	WEATHERING	L	3750.00 SqFt						
Sample Number:	401	Type:	R	Area:	3750.00 SqFt		PCI:	91	
Sample Comments:									
48	L & T CR	L	8.00 Ft						
57	WEATHERING	L	3750.00 SqFt						
Sample Number:	501	Type:	R	Area:	3759.00 SqFt		PCI:	88	
Sample Comments:									
57	WEATHERING	L	3759.00 SqFt						
48	L & T CR	L	75.00 Ft						
Sample Number:	601	Type:	R	Area:	4500.00 SqFt		PCI:	88	
Sample Comments:									
48	L & T CR	L	15.00 Ft						
57	WEATHERING	L	4500.00 SqFt						
49	OIL SPILLAGE	N	3.00 SqFt						
Sample Number:	604	Type:	R	Area:	4375.00 SqFt		PCI:	92	
Sample Comments:									
48	L & T CR	L	3.00 Ft						
57	WEATHERING	L	4375.00 SqFt						

Network:	LCQ	Name:	LAKE CITY GATEWAY AIRPORT						
Branch:	AP SW	Name:	SOUTHWEST APRON	Use:	APRON	Area:	182,977 SqFt		
Section:	5135	of	2	From:	-	To:	-	Last Const.:	7/1/2010
Surface:	PCC	Family:	C9N59-GA-AP-PCC	Zone:		Category:		Rank:	P
Area:	19,999 SqFt	Length:	200 Ft	Width:	100 Ft				
Slabs:	50	Slab Length:	20 Ft	Slab Width:	20 Ft	Joint Length:	1,700 Ft		
Shoulder:		Street Type:		Grade:	0	Lanes:	0		
Section Comments:									
Work Date:	7/1/2010	Work Type:	New Construction - Initial		Code:	NU-IN	Is Major M&R:	True	
Last Insp. Date:	2/6/2017	TotalSamples:	4	Surveyed:	1				
Conditions:	PCI:	86							
Inspection Comments:									
Sample Number:	101	Type:	R	Area:	15.00 Slabs	PCI:	86		
Sample Comments:									
65	JT SEAL DMG	M	15.00	Slabs					
74	JOINT SPALL	L	1.00	Slabs					
73	SHRINKAGE CR	N	5.00	Slabs					

Network:	LCQ		Name:	LAKE CITY GATEWAY AIRPORT						
Branch:	RW 10-28		Name:	RUNWAY 10-28		Use:	RUNWAY	Area:	1,200,300 SqFt	
Section:	6105 of 6		From:	-		To:	-		Last Const.:	1/1/1985
Surface:	AC		Family:	C9N59-GA-RW-AC		Zone:			Category:	Rank: P
Area:	574,700 SqFt		Length:	5,625 Ft		Width:	100 Ft			
Slabs:			Slab Length:	Ft		Slab Width:	Ft		Joint Length:	Ft
Shoulder:			Street Type:			Grade:	0		Lanes:	0
Section Comments:										
Work Date:	1/1/1985		Work Type:	New Construction - AC				Code:	NC-AC	
Last Insp. Date:	2/6/2017		TotalSamples:	115		Surveyed:	20			
Conditions:	PCI: 49									
Inspection Comments:										
Sample Number:	303		Type:	R		Area:	5000.00 SqFt		PCI:	34
Sample Comments:										
56	SWELLING		M	108.00 SqFt						
48	L & T CR		M	300.00 Ft						
48	L & T CR		L	707.00 Ft						
52	RAVELING		M	2300.00 SqFt						
56	SWELLING		L	200.00 SqFt						
Sample Number:	307		Type:	R		Area:	5000.00 SqFt		PCI:	52
Sample Comments:										
48	L & T CR		M	200.00 Ft						
48	L & T CR		L	462.00 Ft						
57	WEATHERING		L	5000.00 SqFt						
53	RUTTING		L	200.00 SqFt						
56	SWELLING		L	85.00 SqFt						
Sample Number:	314		Type:	R		Area:	5000.00 SqFt		PCI:	55
Sample Comments:										
48	L & T CR		M	150.00 Ft						
48	L & T CR		L	415.00 Ft						
57	WEATHERING		L	5000.00 SqFt						
56	SWELLING		L	300.00 SqFt						
53	RUTTING		L	150.00 SqFt						
45	DEPRESSION		L	18.00 SqFt						
Sample Number:	321		Type:	R		Area:	5000.00 SqFt		PCI:	15
Sample Comments:										
52	RAVELING		H	5000.00 SqFt						
48	L & T CR		M	100.00 Ft						
48	L & T CR		L	527.00 Ft						
56	SWELLING		L	200.00 SqFt						
53	RUTTING		L	200.00 SqFt						
41	ALLIGATOR CR		L	15.00 SqFt						
Sample Number:	328		Type:	R		Area:	5000.00 SqFt		PCI:	39
Sample Comments:										
48	L & T CR		M	232.00 Ft						
48	L & T CR		L	650.00 Ft						
57	WEATHERING		L	5000.00 SqFt						
56	SWELLING		L	400.00 SqFt						
53	RUTTING		L	450.00 SqFt						
41	ALLIGATOR CR		L	45.00 SqFt						
Sample Number:	335		Type:	R		Area:	5000.00 SqFt		PCI:	53
Sample Comments:										
48	L & T CR		M	131.00 Ft						
48	L & T CR		L	650.00 Ft						
57	WEATHERING		L	5000.00 SqFt						
56	SWELLING		L	400.00 SqFt						
53	RUTTING		L	150.00 SqFt						

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Sample Number:	342	Type:	R	Area:	5000.00 SqFt	PCI:	56
Sample Comments:							
45	DEPRESSION	L	1.00	SqFt			
48	L & T CR	M	250.00	Ft			
48	L & T CR	L	441.00	Ft			
57	WEATHERING	L	5000.00	SqFt			
56	SWELLING	L	50.00	SqFt			
53	RUTTING	L	50.00	SqFt			
Sample Number:	349	Type:	R	Area:	5000.00 SqFt	PCI:	50
Sample Comments:							
48	L & T CR	M	250.00	Ft			
48	L & T CR	L	408.00	Ft			
57	WEATHERING	L	5000.00	SqFt			
41	ALLIGATOR CR	L	50.00	SqFt			
53	RUTTING	L	116.00	SqFt			
56	SWELLING	L	50.00	SqFt			
Sample Number:	355	Type:	R	Area:	5000.00 SqFt	PCI:	58
Sample Comments:							
48	L & T CR	M	100.00	Ft			
48	L & T CR	L	475.00	Ft			
57	WEATHERING	L	5000.00	SqFt			
56	SWELLING	L	75.00	SqFt			
53	RUTTING	L	100.00	SqFt			
Sample Number:	360	Type:	R	Area:	5000.00 SqFt	PCI:	54
Sample Comments:							
48	L & T CR	M	177.00	Ft			
48	L & T CR	L	488.00	Ft			
53	RUTTING	L	152.00	SqFt			
56	SWELLING	L	320.00	SqFt			
57	WEATHERING	L	5000.00	SqFt			
Sample Number:	365	Type:	R	Area:	5000.00 SqFt	PCI:	51
Sample Comments:							
45	DEPRESSION	L	30.00	SqFt			
48	L & T CR	M	200.00	Ft			
48	L & T CR	L	490.00	Ft			
56	SWELLING	L	50.00	SqFt			
52	RAVELING	L	5000.00	SqFt			
Sample Number:	370	Type:	R	Area:	5000.00 SqFt	PCI:	51
Sample Comments:							
57	WEATHERING	L	5000.00	SqFt			
48	L & T CR	L	638.00	Ft			
48	L & T CR	M	200.00	Ft			
45	DEPRESSION	L	18.00	SqFt			
56	SWELLING	L	140.00	SqFt			
53	RUTTING	L	50.00	SqFt			
Sample Number:	377	Type:	R	Area:	5000.00 SqFt	PCI:	51
Sample Comments:							
48	L & T CR	M	117.00	Ft			
48	L & T CR	L	510.00	Ft			
57	WEATHERING	L	5000.00	SqFt			
56	SWELLING	L	150.00	SqFt			
53	RUTTING	L	200.00	SqFt			
41	ALLIGATOR CR	L	26.00	SqFt			
Sample Number:	381	Type:	R	Area:	5000.00 SqFt	PCI:	52
Sample Comments:							
48	L & T CR	M	100.00	Ft			
48	L & T CR	L	680.00	Ft			
57	WEATHERING	L	5000.00	SqFt			
45	DEPRESSION	L	1.00	SqFt			
53	RUTTING	L	150.00	SqFt			

56	SWELLING	L	450.00	SqFt				
Sample Number:		386	Type:	R	Area:	5000.00 SqFt	PCI:	64
Sample Comments:								
48	L & T CR	M	150.00	Ft				
48	L & T CR	L	416.00	Ft				
57	WEATHERING	L	5000.00	SqFt				
56	SWELLING	L	200.00	SqFt				
Sample Number:		391	Type:	R	Area:	5000.00 SqFt	PCI:	59
Sample Comments:								
48	L & T CR	L	399.00	Ft				
48	L & T CR	M	250.00	Ft				
56	SWELLING	L	150.00	SqFt				
57	WEATHERING	L	5000.00	SqFt				
Sample Number:		395	Type:	R	Area:	5000.00 SqFt	PCI:	48
Sample Comments:								
48	L & T CR	M	200.00	Ft				
48	L & T CR	L	671.00	Ft				
56	SWELLING	L	100.00	SqFt				
56	SWELLING	M	50.00	SqFt				
41	ALLIGATOR CR	L	34.00	SqFt				
57	WEATHERING	L	5000.00	SqFt				
Sample Number:		400	Type:	R	Area:	5000.00 SqFt	PCI:	52
Sample Comments:								
48	L & T CR	M	100.00	Ft				
48	L & T CR	L	500.00	Ft				
57	WEATHERING	L	5000.00	SqFt				
56	SWELLING	L	550.00	SqFt				
53	RUTTING	L	100.00	SqFt				
45	DEPRESSION	L	48.00	SqFt				
Sample Number:		405	Type:	R	Area:	5000.00 SqFt	PCI:	44
Sample Comments:								
48	L & T CR	L	775.00	Ft				
48	L & T CR	M	130.00	Ft				
57	WEATHERING	L	4996.00	SqFt				
56	SWELLING	L	400.00	SqFt				
53	RUTTING	L	150.00	SqFt				
41	ALLIGATOR CR	L	25.00	SqFt				
50	PATCHING	L	4.00	SqFt				
Sample Number:		409	Type:	R	Area:	5000.00 SqFt	PCI:	41
Sample Comments:								
48	L & T CR	M	27.00	Ft				
48	L & T CR	L	630.00	Ft				
57	WEATHERING	L	4000.00	SqFt				
56	SWELLING	L	250.00	SqFt				
53	RUTTING	L	200.00	SqFt				
50	PATCHING	L	1000.00	SqFt				
41	ALLIGATOR CR	L	50.00	SqFt				

Network:	LCQ		Name:	LAKE CITY GATEWAY AIRPORT							
Branch:	RW 10-28		Name:	RUNWAY 10-28		Use:	RUNWAY		Area:	1,200,300 SqFt	
Section:	6110 of 6		From:	-		To:	-		Last Const.:	1/1/1985	
Surface:	AC		Family:	C9N59-GA-RW-AC		Zone:			Category:	Rank: P	
Area:	287,350 SqFt		Length:	11,250 Ft		Width:	25 Ft				
Slabs:	Slab Length:		Ft		Slab Width:	Ft		Joint Length:	Ft		
Shoulder:	Street Type:				Grade:	0		Lanes:	0		
Section Comments:											
Work Date:	1/1/1985		Work Type: New Construction - AC				Code:	NC-AC		Is Major M&R: True	
Last Insp. Date:	2/6/2017		TotalSamples:	58		Surveyed:	12				
Conditions:	PCI: 60										
Inspection Comments:											
Sample Number:	108		Type:	R		Area:	5000.00 SqFt		PCI:	63	
Sample Comments:											
48	L & T CR		L	648.00 Ft							
56	SWELLING		L	200.00 SqFt							
52	RAVELING		M	200.00 SqFt							
Sample Number:	124		Type:	R		Area:	5000.00 SqFt		PCI:	59	
Sample Comments:											
48	L & T CR		M	125.00 Ft							
48	L & T CR		L	617.00 Ft							
52	RAVELING		M	300.00 SqFt							
56	SWELLING		L	240.00 SqFt							
Sample Number:	136		Type:	R		Area:	5000.00 SqFt		PCI:	57	
Sample Comments:											
48	L & T CR		M	91.00 Ft							
48	L & T CR		L	700.00 Ft							
52	RAVELING		M	400.00 SqFt							
56	SWELLING		L	200.00 SqFt							
Sample Number:	152		Type:	R		Area:	5000.00 SqFt		PCI:	61	
Sample Comments:											
48	L & T CR		M	50.00 Ft							
48	L & T CR		L	517.00 Ft							
52	RAVELING		M	200.00 SqFt							
56	SWELLING		L	200.00 SqFt							
Sample Number:	180		Type:	R		Area:	5000.00 SqFt		PCI:	59	
Sample Comments:											
48	L & T CR		L	450.00 Ft							
48	L & T CR		M	18.00 Ft							
56	SWELLING		L	800.00 SqFt							
52	RAVELING		M	400.00 SqFt							
Sample Number:	200		Type:	R		Area:	5000.00 SqFt		PCI:	52	
Sample Comments:											
48	L & T CR		M	215.00 Ft							
48	L & T CR		L	1000.00 Ft							
57	WEATHERING		L	5000.00 SqFt							
56	SWELLING		L	400.00 SqFt							
Sample Number:	512		Type:	R		Area:	5000.00 SqFt		PCI:	65	
Sample Comments:											
48	L & T CR		L	566.00 Ft							
56	SWELLING		L	206.00 SqFt							
52	RAVELING		M	400.00 SqFt							
Sample Number:	536		Type:	R		Area:	5000.00 SqFt		PCI:	58	
Sample Comments:											

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48	L & T CR	M	145.00	Ft
48	L & T CR	L	600.00	Ft
56	SWELLING	L	600.00	SqFt
52	RAVELING	M	250.00	SqFt
<hr/>				
Sample Number: 556		Type: R	Area: 5000.00 SqFt	PCI: 62
Sample Comments:				
48	L & T CR	M	73.00	Ft
48	L & T CR	L	488.00	Ft
52	RAVELING	M	200.00	SqFt
56	SWELLING	L	600.00	SqFt
<hr/>				
Sample Number: 572		Type: R	Area: 5000.00 SqFt	PCI: 67
Sample Comments:				
48	L & T CR	L	417.00	Ft
52	RAVELING	M	200.00	SqFt
56	SWELLING	L	784.00	SqFt
<hr/>				
Sample Number: 592		Type: R	Area: 5000.00 SqFt	PCI: 66
Sample Comments:				
48	L & T CR	L	521.00	Ft
57	WEATHERING	L	5000.00	SqFt
56	SWELLING	L	200.00	SqFt
<hr/>				
Sample Number: 608		Type: R	Area: 5000.00 SqFt	PCI: 53
Sample Comments:				
48	L & T CR	M	55.00	Ft
48	L & T CR	L	450.00	Ft
57	WEATHERING	L	5000.00	SqFt
56	SWELLING	L	1800.00	SqFt

Network:	LCQ		Name:		LAKE CITY GATEWAY AIRPORT									
Branch:	RW 10-28		Name:		RUNWAY 10-28		Use:		RUNWAY		Area:		1,200,300 SqFt	
Section:	6114		of 6		From:		-		To:		-		Last Const.: 1/1/1998	
Surface:	AAC		Family:		C9N59-GA-RW-AAC-APC		Zone:				Category:		Rank: P	
Area:	183,000 SqFt		Length:		1,200 Ft		Width:		100 Ft					
Slabs:			Slab Length:		Ft		Slab Width:		Ft		Joint Length:		Ft	
Shoulder:			Street Type:				Grade:		0		Lanes:		0	
Section Comments:														
Work Date:	1/1/1985		Work Type:		New Construction - AC				Code:		NC-AC		Is Major M&R: True	
Work Date:	1/1/1998		Work Type:		MILL and OVERLAY				Code:		ML-OV		Is Major M&R: True	
Last Insp. Date:	2/6/2017		TotalSamples:		37		Surveyed:		8					
Conditions:	PCI: 53													
Inspection Comments:														
Sample Number:	415		Type:		R		Area:		5300.00 SqFt		PCI:		52	
Sample Comments:														
48	L & T CR		M		371.00 Ft									
48	L & T CR		L		284.00 Ft									
52	RAVELING		L		5300.00 SqFt									
56	SWELLING		L		140.00 SqFt									
Sample Number:	419		Type:		R		Area:		5000.00 SqFt		PCI:		58	
Sample Comments:														
48	L & T CR		M		300.00 Ft									
48	L & T CR		L		227.00 Ft									
52	RAVELING		L		5000.00 SqFt									
Sample Number:	423		Type:		R		Area:		5000.00 SqFt		PCI:		50	
Sample Comments:														
48	L & T CR		M		200.00 Ft									
48	L & T CR		L		418.00 Ft									
52	RAVELING		L		5000.00 SqFt									
42	BLEEDING		N		247.00 SqFt									
Sample Number:	428		Type:		R		Area:		5000.00 SqFt		PCI:		57	
Sample Comments:														
48	L & T CR		M		300.00 Ft									
48	L & T CR		L		280.00 Ft									
52	RAVELING		L		5000.00 SqFt									
42	BLEEDING		N		1.00 SqFt									
Sample Number:	433		Type:		R		Area:		5000.00 SqFt		PCI:		52	
Sample Comments:														
48	L & T CR		M		250.00 Ft									
48	L & T CR		L		403.00 Ft									
42	BLEEDING		N		50.00 SqFt									
52	RAVELING		L		5000.00 SqFt									
Sample Number:	439		Type:		R		Area:		5000.00 SqFt		PCI:		56	
Sample Comments:														
48	L & T CR		M		150.00 Ft									
48	L & T CR		L		566.00 Ft									
52	RAVELING		L		5000.00 SqFt									
Sample Number:	444		Type:		R		Area:		5000.00 SqFt		PCI:		50	
Sample Comments:														
48	L & T CR		M		61.00 Ft									
48	L & T CR		L		750.00 Ft									
52	RAVELING		L		5000.00 SqFt									
56	SWELLING		L		15.00 SqFt								E-22	

53	RUTTING	L	100.00	SqFt		
<hr/>						
Sample Number:		449	Type:	R	Area:	5000.00 SqFt
Sample Comments:					PCI:	50
48	L & T CR	M	174.00	Ft		
48	L & T CR	L	600.00	Ft		
56	SWELLING	L	25.00	SqFt		
52	RAVELING	L	5000.00	SqFt		
42	BLEEDING	N	111.00	SqFt		

Network:	LCQ		Name:	LAKE CITY GATEWAY AIRPORT							
Branch:	RW 10-28		Name:	RUNWAY 10-28		Use:	RUNWAY		Area:	1,200,300 SqFt	
Section:	6115 of 6		From:	-		To:	-		Last Const.:	1/1/1998	
Surface:	AAC		Family:	C9N59-GA-RW-AAC-APC		Zone:			Category:	Rank: P	
Area:	42,500 SqFt		Length:	1,180 Ft		Width:	100 Ft				
Slabs:	Slab Length:		Ft		Slab Width:	Ft		Joint Length:	Ft		
Shoulder:	Street Type:				Grade:	0		Lanes:	0		
Section Comments:											
Work Date:	1/1/1985		Work Type: New Construction - AC				Code:	NC-AC		Is Major M&R: True	
Work Date:	1/1/1998		Work Type: MILL and OVERLAY				Code:	ML-OV		Is Major M&R: True	
Last Insp. Date:	2/6/2017		TotalSamples:	8		Surveyed:	2				
Conditions:	PCI: 48										
Inspection Comments:											
Sample Number:	453		Type:	R		Area:	5000.00 SqFt		PCI:	45	
Sample Comments:											
43	BLOCK CR		L	1800.00 SqFt							
48	L & T CR		L	587.00 Ft							
48	L & T CR		M	50.00 Ft							
56	SWELLING		L	28.00 SqFt							
45	DEPRESSION		L	18.00 SqFt							
52	RAVELING		L	5000.00 SqFt							
Sample Number:	457		Type:	R		Area:	5000.00 SqFt		PCI:	51	
Sample Comments:											
48	L & T CR		M	157.00 Ft							
48	L & T CR		L	640.00 Ft							
52	RAVELING		L	5000.00 SqFt							
43	BLOCK CR		L	50.00 SqFt							

Network:	LCQ		Name:		LAKE CITY GATEWAY AIRPORT											
Branch:	RW 10-28		Name:		RUNWAY 10-28		Use:	RUNWAY	Area:	1,200,300 SqFt						
Section:	6116		of 6		From:		-		To:		-		Last Const.:	1/1/1998		
Surface:	AAC		Family:		C9N59-GA-RW-AAC-APC		Zone:		Category:		Rank:		P			
Area:	91,500 SqFt		Length:		2,400 Ft		Width:		25 Ft							
Slabs:			Slab Length:		Ft		Slab Width:		Ft		Joint Length:		Ft			
Shoulder:			Street Type:				Grade:		0		Lanes:		0			
Section Comments:																
Work Date:	1/1/1985		Work Type:		New Construction - AC				Code:	NC-AC		Is Major M&R:			True	
Work Date:	1/1/1998		Work Type:		MILL and OVERLAY				Code:	ML-OV		Is Major M&R:			True	
Last Insp. Date:	2/6/2017		TotalSamples:		18				Surveyed:		5					
Conditions:	PCI: 54															
Inspection Comments:																
Sample Number:	216		Type:	R		Area:		6325.00 SqFt		PCI:		56				
Sample Comments:																
48	L & T CR		M		253.00 Ft											
48	L & T CR		L		335.00 Ft											
52	RAVELING		M		316.00 SqFt											
52	RAVELING		L		6009.00 SqFt											
56	SWELLING		L		63.00 SqFt											
Sample Number:	224		Type:	R		Area:		5000.00 SqFt		PCI:		56				
Sample Comments:																
48	L & T CR		M		200.00 Ft											
48	L & T CR		L		291.00 Ft											
52	RAVELING		L		4900.00 SqFt											
52	RAVELING		M		100.00 SqFt											
56	SWELLING		L		20.00 SqFt											
Sample Number:	248		Type:	R		Area:		4425.00 SqFt		PCI:		55				
Sample Comments:																
48	L & T CR		M		125.00 Ft											
48	L & T CR		L		283.00 Ft											
52	RAVELING		L		4381.00 SqFt											
52	RAVELING		M		44.00 SqFt											
56	SWELLING		L		53.00 SqFt											
Sample Number:	628		Type:	R		Area:		5000.00 SqFt		PCI:		38				
Sample Comments:																
48	L & T CR		M		300.00 Ft											
48	L & T CR		L		1800.00 Ft											
52	RAVELING		L		4900.00 SqFt											
52	RAVELING		M		100.00 SqFt											
Sample Number:	640		Type:	R		Area:		5000.00 SqFt		PCI:		64				
Sample Comments:																
48	L & T CR		L		350.00 Ft											
52	RAVELING		M		150.00 SqFt											
52	RAVELING		L		4850.00 SqFt											

Network:	LCQ			Name:	LAKE CITY GATEWAY AIRPORT										
Branch:	RW 10-28		Name:	RUNWAY 10-28		Use:	RUNWAY	Area:	1,200,300 SqFt						
Section:	6120 of 6		From:	-			To:	-			Last Const.:	1/1/1998			
Surface:	AAC		Family:	C9N59-GA-RW-AAC-APC		Zone:				Category:			Rank:	P	
Area:	21,250 SqFt		Length:	2,360 Ft		Width:	25 Ft								
Slabs:			Slab Length:	Ft		Slab Width:	Ft		Joint Length:	Ft					
Shoulder:			Street Type:			Grade:	0		Lanes:	0					
Section Comments:															
Work Date:	1/1/1985			Work Type:	New Construction - AC				Code:	NC-AC		Is Major M&R:	True		
Work Date:	1/1/1998			Work Type:	MILL and OVERLAY				Code:	ML-OV		Is Major M&R:	True		
Last Insp. Date:	2/6/2017			TotalSamples:	4			Surveyed:	1						
Conditions:	PCI: 50														
Inspection Comments:															
Sample Number:	656		Type:	R		Area:	5050.00 SqFt		PCI:	50					
Sample Comments:															
48	L & T CR		M	102.00 Ft											
48	L & T CR		L	698.00 Ft											
56	SWELLING		L	38.00 SqFt											
43	BLOCK CR		L	594.00 SqFt											
52	RAVELING		L	5050.00 SqFt											

Network:	LCQ		Name:		LAKE CITY GATEWAY AIRPORT								
Branch:	RW 5-23		Name:		RUNWAY 5-23		Use:	RUNWAY	Area:	284,082 SqFt			
Section:	6205 of 3		From:		-		To:	-		Last Const.:	1/1/1992		
Surface:	AAC		Family:		C9N59-GA-RW-AAC-APC		Zone:		Category:	Rank:	S		
Area:	240,000 SqFt		Length:		3,850 Ft		Width:		75 Ft				
Slabs:			Slab Length:		Ft		Slab Width:		Ft	Joint Length:	Ft		
Shoulder:			Street Type:				Grade:		0	Lanes:	0		
Section Comments:													
Work Date:	1/1/1985		Work Type:					New Construction - AC		Code:	NC-AC	Is Major M&R:	True
Work Date:	1/1/1992		Work Type:					MILL and OVERLAY		Code:	ML-OV	Is Major M&R:	True
Last Insp. Date:	2/6/2017		TotalSamples:		64		Surveyed:		13				
Conditions:	PCI: 42												
Inspection Comments:													
Sample Number:	104		Type:	R	Area:		3750.00 SqFt		PCI:		43		
Sample Comments:													
48	L & T CR		M	150.00 Ft									
48	L & T CR		L	266.00 Ft									
43	BLOCK CR		L	2074.00 SqFt									
52	RAVELING		L	3750.00 SqFt									
56	SWELLING		L	188.00 SqFt									
Sample Number:	109		Type:	R	Area:		3750.00 SqFt		PCI:		33		
Sample Comments:													
48	L & T CR		M	250.00 Ft									
48	L & T CR		L	566.00 Ft									
52	RAVELING		L	3750.00 SqFt									
56	SWELLING		L	50.00 SqFt									
53	RUTTING		L	150.00 SqFt									
56	SWELLING		M	4.00 SqFt									
41	ALLIGATOR CR		L	20.00 SqFt									
Sample Number:	114		Type:	R	Area:		3750.00 SqFt		PCI:		42		
Sample Comments:													
48	L & T CR		M	200.00 Ft									
48	L & T CR		L	409.00 Ft									
43	BLOCK CR		L	390.00 SqFt									
52	RAVELING		L	3750.00 SqFt									
56	SWELLING		L	375.00 SqFt									
Sample Number:	118		Type:	R	Area:		3750.00 SqFt		PCI:		40		
Sample Comments:													
48	L & T CR		M	150.00 Ft									
48	L & T CR		L	202.00 Ft									
52	RAVELING		L	3750.00 SqFt									
56	SWELLING		L	188.00 SqFt									
43	BLOCK CR		L	1020.00 SqFt									
53	RUTTING		L	100.00 SqFt									
Sample Number:	122		Type:	R	Area:		3750.00 SqFt		PCI:		30		
Sample Comments:													
48	L & T CR		M	250.00 Ft									
48	L & T CR		L	602.00 Ft									
52	RAVELING		L	3750.00 SqFt									
43	BLOCK CR		L	1036.00 SqFt									
53	RUTTING		L	100.00 SqFt									
41	ALLIGATOR CR		L	17.00 SqFt									
56	SWELLING		L	75.00 SqFt									
Sample Number:	126		Type:	R	Area:		3750.00 SqFt		PCI:		43		
Sample Comments:													

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48	L & T CR	M	50.00	Ft
48	L & T CR	L	198.00	Ft
43	BLOCK CR	L	2737.00	SqFt
41	ALLIGATOR CR	L	13.00	SqFt
52	RAVELING	L	3750.00	SqFt
56	SWELLING	L	75.00	SqFt
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Sample Number:	130	Type:	R	Area: 3750.00 SqFt PCI: 42
Sample Comments:				
48	L & T CR	M	125.00	Ft
48	L & T CR	L	150.00	Ft
43	BLOCK CR	L	2512.00	SqFt
41	ALLIGATOR CR	L	38.00	SqFt
52	RAVELING	L	3750.00	SqFt
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Sample Number:	135	Type:	R	Area: 3750.00 SqFt PCI: 40
Sample Comments:				
48	L & T CR	M	250.00	Ft
48	L & T CR	L	407.00	Ft
43	BLOCK CR	L	858.00	SqFt
52	RAVELING	L	3750.00	SqFt
56	SWELLING	L	263.00	SqFt
42	BLEEDING	N	1.00	SqFt
<hr/>				
Sample Number:	139	Type:	R	Area: 3750.00 SqFt PCI: 39
Sample Comments:				
48	L & T CR	M	200.00	Ft
48	L & T CR	L	609.00	Ft
43	BLOCK CR	L	750.00	SqFt
42	BLEEDING	N	5.00	SqFt
56	SWELLING	L	263.00	SqFt
52	RAVELING	L	3750.00	SqFt
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Sample Number:	143	Type:	R	Area: 3750.00 SqFt PCI: 47
Sample Comments:				
48	L & T CR	M	50.00	Ft
48	L & T CR	L	184.00	Ft
43	BLOCK CR	L	2491.00	SqFt
52	RAVELING	L	3750.00	SqFt
56	SWELLING	L	375.00	SqFt
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Sample Number:	148	Type:	R	Area: 3750.00 SqFt PCI: 44
Sample Comments:				
48	L & T CR	L	220.00	Ft
43	BLOCK CR	L	2600.00	SqFt
53	RUTTING	L	100.00	SqFt
56	SWELLING	L	100.00	SqFt
52	RAVELING	L	3750.00	SqFt
<hr/>				
Sample Number:	169	Type:	R	Area: 3750.00 SqFt PCI: 48
Sample Comments:				
48	L & T CR	M	308.00	Ft
48	L & T CR	L	250.00	Ft
52	RAVELING	L	3750.00	SqFt
56	SWELLING	L	75.00	SqFt
<hr/>				
Sample Number:	176	Type:	R	Area: 3750.00 SqFt PCI: 49
Sample Comments:				
48	L & T CR	M	300.00	Ft
48	L & T CR	L	150.00	Ft
52	RAVELING	L	3750.00	SqFt
56	SWELLING	L	35.00	SqFt
45	DEPRESSION	L	40.00	SqFt

Network:	LCQ			Name:	LAKE CITY GATEWAY AIRPORT						
Branch:	RW 5-23		Name:	RUNWAY 5-23		Use:	RUNWAY	Area:	284,082 SqFt		
Section:	6207	of 3	From:	-			To:	-	Last Const.:	1/1/1985	
Surface:	AC	Family:	C9N59-GA-RW-AC		Zone:		Category:		Rank:	S	
Area:	21,932 SqFt	Length:	45 Ft		Width:	75 Ft					
Slabs:		Slab Length:	Ft		Slab Width:	Ft		Joint Length:	Ft		
Shoulder:		Street Type:			Grade:	0		Lanes:	0		
Section Comments:											
Work Date:	1/1/1985		Work Type:	New Construction - AC			Code:	NC-AC		Is Major M&R:	True
Last Insp. Date:	2/6/2017		TotalSamples:	6		Surveyed:	2				
Conditions:	PCI:	49									
Inspection Comments:											
Sample Number:	153	Type:	R	Area:	3750.00 SqFt		PCI:	53			
Sample Comments:											
48	L & T CR	L	466.00 Ft								
43	BLOCK CR	L	1200.00 SqFt								
57	WEATHERING	L	3750.00 SqFt								
56	SWELLING	L	500.00 SqFt								
Sample Number:	155	Type:	R	Area:	2445.00 SqFt		PCI:	44			
Sample Comments:											
43	BLOCK CR	L	613.00 SqFt								
48	L & T CR	M	115.00 Ft								
48	L & T CR	L	300.00 Ft								
56	SWELLING	L	546.00 SqFt								
57	WEATHERING	L	2433.00 SqFt								
50	PATCHING	L	12.00 SqFt								

Network:	LCQ	Name:	LAKE CITY GATEWAY AIRPORT							
Branch:	RW 5-23	Name:	RUNWAY 5-23		Use:	RUNWAY	Area:	284,082 SqFt		
Section:	6209	of	3	From:	-	To:	-	Last Const.:	1/1/1985	
Surface:	AC	Family:	C9N59-GA-RW-AC		Zone:		Category:		Rank:	S
Area:	22,150 SqFt	Length:	35 Ft	Width:	75 Ft					
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft			
Shoulder:		Street Type:		Grade:	0	Lanes:	0			
Section Comments:										
Work Date:	1/1/1985	Work Type:	New Construction - AC			Code:	NC-AC	Is Major M&R:	True	
Last Insp. Date:	2/6/2017	TotalSamples:	6	Surveyed:	2					
Conditions:	PCI:	56								
Inspection Comments:										
Sample Number:	160	Type:	R	Area:	4150.00 SqFt	PCI:	56			
Sample Comments:										
48	L & T CR	M	84.00	Ft						
48	L & T CR	L	630.00	Ft						
57	WEATHERING	L	4150.00	SqFt						
56	SWELLING	L	360.00	SqFt						
Sample Number:	165	Type:	R	Area:	3000.00 SqFt	PCI:	57			
Sample Comments:										
57	WEATHERING	L	2700.00	SqFt						
48	L & T CR	M	121.00	Ft						
48	L & T CR	L	200.00	Ft						
52	RAVELING	L	300.00	SqFt						
56	SWELLING	L	336.00	SqFt						

Network:	LCQ		Name:	LAKE CITY GATEWAY AIRPORT							
Branch:	T-HANG NW		Name:	TAXILANE TO T-HANGARS		Use:	TAXILANE	Area:	64,410 SqFt		
Section:	4115	of 3	From:	-			To:	-		Last Const.:	1/1/2004
Surface:	AC		Family:	C9N59-GA-TW-AC		Zone:			Category:	Rank: P	
Area:	34,013 SqFt		Length:	820 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:	1/1/2004		Work Type: Complete Reconstruction - AC				Code:	CR-AC		Is Major M&R: True	
Last Insp. Date:	2/6/2017		TotalSamples:		8		Surveyed:		1		
Conditions:	PCI: 59										
Inspection Comments:											
Sample Number:	101	Type:	R	Area:		5500.00 SqFt		PCI:	59		
Sample Comments:											
48	L & T CR		L	294.00 Ft							
48	L & T CR		M	150.00 Ft							
52	RAVELING		L	5400.00 SqFt							
52	RAVELING		M	100.00 SqFt							

Network:	LCQ		Name:	LAKE CITY GATEWAY AIRPORT							
Branch:	T-HANG NW		Name:	TAXILANE TO T-HANGARS		Use:	TAXILANE	Area:	64,410 SqFt		
Section:	4116	of 3	From:	-		To:	-		Last Const.:	1/1/2004	
Surface:	PCC	Family:	C9N59-GA-RW-TW-PCC		Zone:			Category:	Rank: P		
Area:	2,480 SqFt		Length:	63 Ft		Width:	54 Ft				
Slabs:	12	Slab Length:	20 Ft		Slab Width:	12 Ft		Joint Length:	337 Ft		
Shoulder:			Street Type:			Grade:	0		Lanes:	0	
Section Comments:											
Work Date:	1/1/2004		Work Type:	New Construction - Initial			Code:	NU-IN		Is Major M&R:	True
Last Insp. Date:	2/6/2017		TotalSamples:	1		Surveyed:	1				
Conditions:	PCI:	81									
Inspection Comments:											
Sample Number:	100	Type:	R	Area:	12.00 Slabs		PCI:	81			
Sample Comments:											
65	JT SEAL DMG		H	12.00 Slabs							
63	LINEAR CR		L	1.00 Slabs							
73	SHRINKAGE CR		N	1.00 Slabs							

Network:	LCQ		Name:	LAKE CITY GATEWAY AIRPORT								
Branch:	T-HANG NW		Name:	TAXILANE TO T-HANGARS		Use:	TAXILANE	Area:	64,410 SqFt			
Section:	4125	of 3	From:	-			To:	-		Last Const.:	1/1/2004	
Surface:	AC	Family:	C9N59-GA-TW-AC		Zone:		Category:		Rank:	T		
Area:	27,917 SqFt		Length:	270 Ft		Width:	118 Ft					
Slabs:		Slab Length:	Ft		Slab Width:	Ft		Joint Length:	Ft			
Shoulder:		Street Type:			Grade:	0		Lanes:	0			
Section Comments:												
Work Date:	1/1/2004		Work Type:	New Construction - Initial			Code:	NU-IN		Is Major M&R:	True	
Last Insp. Date:	2/6/2017		TotalSamples:	6		Surveyed:	1					
Conditions:	PCI:	56										
Inspection Comments:												
Sample Number:	102	Type:	R	Area:	4750.00 SqFt		PCI:	56				
Sample Comments:												
52	RAVELING	M	1500.00 SqFt									
48	L & T CR	L	150.00 Ft									
52	RAVELING	L	3250.00 SqFt									

Network:	LCQ		Name:	LAKE CITY GATEWAY AIRPORT							
Branch:	TW A		Name:	TAXIWAY A		Use:	TAXIWAY		Area:	448,493 SqFt	
Section:	105 of 3		From:	-		To:	-		Last Const.:	1/29/2016	
Surface:	AC		Family:	C9N59-GA-TW-AC		Zone:			Category:	Rank: P	
Area:	294,652 SqFt		Length:	5,700 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:	1/1/1988		Work Type: New Construction - Initial				Code:	NU-IN		Is Major M&R: True	
Work Date:	1/29/2016		Work Type: Complete Reconstruction - AC				Code:	CR-AC		Is Major M&R: True	
Last Insp. Date:	6/24/2013		TotalSamples:	57		Surveyed:	7				
Conditions:	PCI: 62		NOTE: *** Pre-Construction PCI ***								
Inspection Comments:											
Sample Number:	100		Type:	R		Area:	3500.00 SqFt		PCI:	59	
Sample Comments:											
48	LONGITUDINAL/TRANSVERSE CRACKING		M	60.00 Ft							
48	LONGITUDINAL/TRANSVERSE CRACKING		L	248.00 Ft							
52	RAVELING		L	3500.00 SqFt							
57	WEATHERING		L	3500.00 SqFt							
Sample Number:	106		Type:	R		Area:	3500.00 SqFt		PCI:	59	
Sample Comments:											
48	LONGITUDINAL/TRANSVERSE CRACKING		L	98.00 Ft							
52	RAVELING		L	3500.00 SqFt							
57	WEATHERING		L	3500.00 SqFt							
48	LONGITUDINAL/TRANSVERSE CRACKING		M	20.00 Ft							
Sample Number:	112		Type:	R		Area:	3500.00 SqFt		PCI:	64	
Sample Comments:											
48	LONGITUDINAL/TRANSVERSE CRACKING		L	121.00 Ft							
52	RAVELING		L	3500.00 SqFt							
57	WEATHERING		L	3500.00 SqFt							
Sample Number:	123		Type:	R		Area:	3500.00 SqFt		PCI:	64	
Sample Comments:											
48	LONGITUDINAL/TRANSVERSE CRACKING		L	117.00 Ft							
52	RAVELING		L	3500.00 SqFt							
57	WEATHERING		L	3500.00 SqFt							
Sample Number:	131		Type:	R		Area:	3500.00 SqFt		PCI:	64	
Sample Comments:											
48	LONGITUDINAL/TRANSVERSE CRACKING		L	127.00 Ft							
52	RAVELING		L	3500.00 SqFt							
57	WEATHERING		L	3500.00 SqFt							
Sample Number:	139		Type:	R		Area:	3500.00 SqFt		PCI:	64	
Sample Comments:											
48	LONGITUDINAL/TRANSVERSE CRACKING		L	132.00 Ft							
52	RAVELING		L	3500.00 SqFt							
57	WEATHERING		L	3500.00 SqFt							
Sample Number:	154		Type:	R		Area:	3500.00 SqFt		PCI:	59	
Sample Comments:											

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48	LONGITUDINAL/TRANSVERSE CRACKING	M	37.50	Ft
48	LONGITUDINAL/TRANSVERSE CRACKING	L	115.00	Ft
57	WEATHERING	L	3500.00	SqFt
52	RAVELING	L	3500.00	SqFt

Network:	LCQ			Name:	LAKE CITY GATEWAY AIRPORT				
Branch:	TW A		Name:	TAXIWAY A		Use:	TAXIWAY	Area:	448,493 SqFt
Section:	120	of 3	From:	-			To:	-	Last Const.: 1/29/2016
Surface:	AC	Family:	C9N59-GA-TW-AC		Zone:			Category:	Rank: P
Area:	19,420 SqFt		Length:	300 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:	1/1/1988		Work Type: New Construction - Initial				Code:	NU-IN	Is Major M&R: True
Work Date:	1/29/2016		Work Type: Complete Reconstruction - AC				Code:	CR-AC	Is Major M&R: True
Last Insp. Date:	6/24/2013		TotalSamples:	4		Surveyed: 1			
Conditions:	PCI:	64	NOTE: *** Pre-Construction PCI ***						
Inspection Comments:									
Sample Number:	101	Type:	R	Area:	3500.00 SqFt		PCI:	64	
Sample Comments:									
48	LONGITUDINAL/TRANSVERSE CRACKING		L	114.00 Ft					
52	RAVELING		L	3500.00 SqFt					
57	WEATHERING		L	3500.00 SqFt					

Network:	LCQ		Name:	LAKE CITY GATEWAY AIRPORT										
Branch:	TW A1		Name:	TAXIWAY A1		Use:	TAXIWAY		Area:	98,914 SqFt				
Section:	130		of	3		From:	-		To:	-		Last Const.:	1/29/2016	
Surface:	AC		Family:	C9N59-GA-TW-AC		Zone:			Category:			Rank:	P	
Area:	24,489 SqFt		Length:	750 Ft		Width:	40 Ft							
Slabs:			Slab Length:	Ft		Slab Width:	Ft		Joint Length:			Ft		
Shoulder:			Street Type:			Grade:	0		Lanes:	0				
Section Comments:														
Work Date:	1/1/1965		Work Type:	New Construction - Initial				Code:	NU-IN		Is Major M&R:	True		
Work Date:	1/29/2016		Work Type:	Complete Reconstruction - AC				Code:	CR-AC		Is Major M&R:	True		
Last Insp. Date:	6/24/2013		TotalSamples:	6		Surveyed:	2							
Conditions:	PCI: 25		NOTE: *** Pre-Construction PCI ***											
Inspection Comments:														
Sample Number:	601		Type:	R		Area:	3750.00 SqFt		PCI:	25				
Sample Comments:														
43	BLOCK CRACKING		M	3750.00 SqFt										
52	RAVELING		M	3750.00 SqFt										
Sample Number:	605		Type:	R		Area:	5386.00 SqFt		PCI:	25				
Sample Comments:														
43	BLOCK CRACKING		M	5386.00 SqFt										
52	RAVELING		M	5386.00 SqFt										

Network:	LCQ		Name:	LAKE CITY GATEWAY AIRPORT							
Branch:	TW A1		Name:	TAXIWAY A1		Use:	TAXIWAY	Area:	98,914 SqFt		
Section:	135	of	3	From:	-		To:	-		Last Const.:	1/29/2016
Surface:	AC	Family:	C9N59-GA-TW-AC		Zone:			Category:	Rank: P		
Area:	17,500 SqFt		Length:	200 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:	1/1/2004		Work Type: New Construction - Initial				Code:	NU-IN		Is Major M&R: True	
Work Date:	1/29/2016		Work Type: Complete Reconstruction - AC				Code:	CR-AC		Is Major M&R: True	
Last Insp. Date:	6/24/2013		TotalSamples:	13		Surveyed:	2				
Conditions:	PCI: 91		NOTE: *** Pre-Construction PCI ***								
Inspection Comments:											
Sample Number:	704		Type:	R		Area:	5000.00 SqFt		PCI:	90	
Sample Comments:											
48	LONGITUDINAL/TRANSVERSE CRACKING		L	34.00 Ft							
57	WEATHERING		L	5000.00 SqFt							
Sample Number:	708		Type:	R		Area:	5000.00 SqFt		PCI:	91	
Sample Comments:											
48	LONGITUDINAL/TRANSVERSE CRACKING		L	7.00 Ft							
57	WEATHERING		L	5000.00 SqFt							

Network:	LCQ		Name:	LAKE CITY GATEWAY AIRPORT								
Branch:	TW A1		Name:	TAXIWAY A1		Use:	TAXIWAY	Area:	98,914 SqFt			
Section:	140	of 3	From:	-			To:	-		Last Const.:	1/1/2004	
Surface:	AC	Family:	C9N59-GA-TW-AC		Zone:		Category:		Rank:	P		
Area:	56,925 SqFt	Length:	400 Ft		Width:	142 Ft						
Slabs:		Slab Length:	Ft		Slab Width:	Ft		Joint Length:	Ft			
Shoulder:		Street Type:			Grade:	0		Lanes:	0			
Section Comments:												
Work Date:	1/1/2004		Work Type:	New Construction - Initial			Code:	NU-IN		Is Major M&R:	True	
Last Insp. Date:	2/6/2017		TotalSamples:	11		Surveyed:	2					
Conditions:	PCI:	85										
Inspection Comments:												
Sample Number:	704	Type:	R	Area:	5000.00 SqFt		PCI:	86				
Sample Comments:												
48	L & T CR	L	40.00 Ft									
52	RAVELING	L	100.00 SqFt									
57	WEATHERING	L	4900.00 SqFt									
Sample Number:	708	Type:	R	Area:	5000.00 SqFt		PCI:	84				
Sample Comments:												
48	L & T CR	L	91.00 Ft									
52	RAVELING	L	100.00 SqFt									
57	WEATHERING	L	4900.00 SqFt									

Network:	LCQ		Name:	LAKE CITY GATEWAY AIRPORT							
Branch:	TW B		Name:	TAXIWAY B		Use:	TAXIWAY	Area:	452,533 SqFt		
Section:	202	of 4	From:	-		To:	-		Last Const.:	6/1/2017	
Surface:	AC		Family:	C9N59-GA-TW-AC		Zone:			Category:	Rank: P	
Area:	29,562 SqFt		Length:	255 Ft		Width:	160 Ft				
Slabs:	Slab Length:		Ft	Slab Width:		Ft	Joint Length:		Ft		
Shoulder:	Street Type:		Grade:		0		Lanes:		0		
Section Comments:											
Work Date:	1/1/1988		Work Type: New Construction - Initial				Code:	NU-IN		Is Major M&R:	True
Work Date:	6/1/2017		Work Type: Complete Reconstruction - AC				Code:	CR-AC		Is Major M&R:	True
Last Insp. Date:	6/24/2013		TotalSamples:	8		Surveyed: 1					
Conditions:	PCI:	51	NOTE: *** Pre-Construction PCI ***								
Inspection Comments:											
Sample Number:	146	Type:	R	Area:	5170.00 SqFt		PCI:	51			
Sample Comments:											
52	RAVELING		L	5170.00 SqFt							
57	WEATHERING		L	5170.00 SqFt							
43	BLOCK CRACKING		L	4136.00 SqFt							
48	LONGITUDINAL/TRANSVERSE CRACKING		L	187.00 Ft							
48	LONGITUDINAL/TRANSVERSE CRACKING		L	50.00 Ft							

Network:	LCQ			Name:	LAKE CITY GATEWAY AIRPORT				
Branch:	TW B		Name:	TAXIWAY B		Use:	TAXIWAY	Area:	452,533 SqFt
Section:	210	of	4	From:	-		To:	-	
Surface:	AC	Family:	C9N59-GA-TW-AC		Zone:			Category:	Rank: P
Area:	159,830 SqFt		Length:	1,860 Ft		Width:	75 Ft		
Slabs:	Slab Length:		Ft		Slab Width:	Ft		Joint Length:	Ft
Shoulder:	Street Type:				Grade:	0		Lanes:	0
Section Comments:									
Work Date:	1/1/1977		Work Type: New Construction - Initial			Code:	NU-IN		Is Major M&R: True
Work Date:	6/1/2017		Work Type: Complete Reconstruction - AC			Code:	CR-AC		Is Major M&R: True
Last Insp. Date:	6/24/2013		TotalSamples:	43		Surveyed:	5		
Conditions:	PCI:	49	NOTE: *** Pre-Construction PCI ***						
Inspection Comments:									
Sample Number:	105	Type:	R	Area:	3750.00 SqFt		PCI:	54	
Sample Comments:									
43	BLOCK CRACKING		L	3750.00	SqFt				
57	WEATHERING		L	3750.00	SqFt				
52	RAVELING		L	3750.00	SqFt				
Sample Number:	111	Type:	R	Area:	3750.00 SqFt		PCI:	54	
Sample Comments:									
43	BLOCK CRACKING		L	3750.00	SqFt				
52	RAVELING		L	3750.00	SqFt				
57	WEATHERING		L	3750.00	SqFt				
Sample Number:	117	Type:	R	Area:	3750.00 SqFt		PCI:	54	
Sample Comments:									
43	BLOCK CRACKING		L	3750.00	SqFt				
52	RAVELING		L	3750.00	SqFt				
57	WEATHERING		L	3750.00	SqFt				
Sample Number:	127	Type:	R	Area:	3750.00 SqFt		PCI:	44	
Sample Comments:									
43	BLOCK CRACKING		L	3734.00	SqFt				
41	ALLIGATOR CRACKING		L	16.00	SqFt				
52	RAVELING		L	3750.00	SqFt				
57	WEATHERING		L	3750.00	SqFt				
41	ALLIGATOR CRACKING		L	24.00	SqFt				
Sample Number:	140	Type:	R	Area:	3750.00 SqFt		PCI:	37	
Sample Comments:									
43	BLOCK CRACKING		L	3578.00	SqFt				
41	ALLIGATOR CRACKING		L	88.00	SqFt				
41	ALLIGATOR CRACKING		L	84.00	SqFt				
52	RAVELING		L	3750.00	SqFt				
57	WEATHERING		L	3750.00	SqFt				

Network:	LCQ	Name:	LAKE CITY GATEWAY AIRPORT						
Branch:	TW B	Name:	TAXIWAY B	Use:	TAXIWAY	Area:	452,533 SqFt		
Section:	215	of	4	From:	-	To:	-	Last Const.:	6/1/2017
Surface:	AC	Family:	C9N59-GA-TW-AC	Zone:		Category:		Rank:	P
Area:	15,646 SqFt	Length:	140 Ft	Width:	75 Ft				
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft		
Shoulder:		Street Type:		Grade:	0	Lanes:	0		
Section Comments:									
Work Date:	1/1/1992	Work Type:	New Construction - Initial			Code:	NU-IN	Is Major M&R:	True
Work Date:	6/1/2017	Work Type:	Complete Reconstruction - AC			Code:	CR-AC	Is Major M&R:	True
Last Insp. Date:	6/24/2013	TotalSamples:	5	Surveyed:	1				
Conditions:	PCI:	70	NOTE: *** Pre-Construction PCI ***						
Inspection Comments:									
Sample Number:	101	Type:	R	Area:	3750.00 SqFt	PCI:	70		
Sample Comments:									
48	LONGITUDINAL/TRANSVERSE CRACKING	L	368.00	Ft					
57	WEATHERING	L	3750.00	SqFt					
56	SWELLING	L	16.00	SqFt					

Network:	LCQ			Name:	LAKE CITY GATEWAY AIRPORT				
Branch:	TW B		Name:	TAXIWAY B		Use:	TAXIWAY	Area:	452,533 SqFt
Section:	220	of 4	From:	-			To:	-	Last Const.: 6/1/2017
Surface:	AC	Family:	C9N59-GA-TW-AC		Zone:		Category:		Rank: P
Area:	247,495 SqFt		Length:	2,750 Ft		Width:	90 Ft		
Slabs:		Slab Length:	Ft		Slab Width:	Ft		Joint Length:	Ft
Shoulder:		Street Type:			Grade:	0		Lanes:	0
Section Comments:									
Work Date:	1/1/1997		Work Type: New Construction - Initial				Code:	NU-IN	Is Major M&R: True
Work Date:	6/1/2017		Work Type: Complete Reconstruction - AC				Code:	CR-AC	Is Major M&R: True
Last Insp. Date:	6/24/2013		TotalSamples:	60		Surveyed:	7		
Conditions:	PCI:	52	NOTE: *** Pre-Construction PCI ***						
Inspection Comments:									
Sample Number:	102	Type:	R	Area:	3750.00 SqFt		PCI:	56	
Sample Comments:									
48	LONGITUDINAL/TRANSVERSE CRACKING	M		100.00	Ft				
48	LONGITUDINAL/TRANSVERSE CRACKING	L		504.00	Ft				
57	WEATHERING	M		3750.00	SqFt				
56	SWELLING	L		240.00	SqFt				
Sample Number:	112	Type:	R	Area:	3750.00 SqFt		PCI:	59	
Sample Comments:									
48	LONGITUDINAL/TRANSVERSE CRACKING	L		352.00	Ft				
48	LONGITUDINAL/TRANSVERSE CRACKING	M		100.00	Ft				
48	LONGITUDINAL/TRANSVERSE CRACKING	L		100.00	Ft				
57	WEATHERING	M		3750.00	SqFt				
56	SWELLING	L		36.00	SqFt				
Sample Number:	117	Type:	R	Area:	3750.00 SqFt		PCI:	55	
Sample Comments:									
48	LONGITUDINAL/TRANSVERSE CRACKING	M		50.00	Ft				
48	LONGITUDINAL/TRANSVERSE CRACKING	L		617.00	Ft				
57	WEATHERING	M		3750.00	SqFt				
52	RAVELING	L		500.00	SqFt				
Sample Number:	124	Type:	R	Area:	3750.00 SqFt		PCI:	48	
Sample Comments:									
48	LONGITUDINAL/TRANSVERSE CRACKING	L		169.00	Ft				
43	BLOCK CRACKING	L		3125.00	SqFt				
57	WEATHERING	M		3750.00	SqFt				
52	RAVELING	L		500.00	SqFt				
56	SWELLING	L		44.00	SqFt				
Sample Number:	139	Type:	R	Area:	4154.00 SqFt		PCI:	49	
Sample Comments:									
43	BLOCK CRACKING	L		4154.00	SqFt				
57	WEATHERING	M		4154.00	SqFt				
52	RAVELING	L		1246.20	SqFt				
53	RUTTING	L		120.00	SqFt				
Sample Number:	146	Type:	R	Area:	4500.00 SqFt		PCI:	55	
Sample Comments:									
57	WEATHERING	M		4500.00	SqFt			E-43	

52	RAVELING	L	1800.00	SqFt
43	BLOCK CRACKING	L	1875.00	SqFt
48	LONGITUDINAL/TRANSVERSE CRACKING	L	368.00	Ft

Sample Number:	157	Type:	R	Area:	4523.00 SqFt	PCI:	45
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Sample Comments:

53	RUTTING	L	273.00	SqFt
57	WEATHERING	M	4523.00	SqFt
52	RAVELING	L	2261.50	SqFt
48	LONGITUDINAL/TRANSVERSE CRACKING	L	643.00	Ft
48	LONGITUDINAL/TRANSVERSE CRACKING	M	50.00	Ft

Network:	LCQ		Name:	LAKE CITY GATEWAY AIRPORT							
Branch:	TW C		Name:	TAXIWAY C		Use:	TAXIWAY		Area:	84,362 SqFt	
Section:	305 of 2		From:	-		To:	-		Last Const.:	1/29/2016	
Surface:	AC		Family:	C9N59-GA-TW-AC		Zone:			Category:	Rank: P	
Area:	29,985 SqFt		Length:	860 Ft		Width:	53 Ft				
Slabs:	Slab Length:		Ft		Slab Width:	Ft		Joint Length:	Ft		
Shoulder:	Street Type:				Grade:	0		Lanes:	0		
Section Comments:											
Work Date:	1/1/1977		Work Type: New Construction - Initial				Code:	NU-IN		Is Major M&R: True	
Work Date:	1/29/2016		Work Type: Complete Reconstruction - AC				Code:	CR-AC		Is Major M&R: True	
Last Insp. Date:	6/24/2013		TotalSamples:	6		Surveyed:	2				
Conditions:	PCI: 48		NOTE: *** Pre-Construction PCI ***								
Inspection Comments:											
Sample Number:	100		Type:	R		Area:	6004.00 SqFt		PCI:	54	
Sample Comments:											
43	BLOCK CRACKING		L	6004.00 SqFt							
52	RAVELING		L	6004.00 SqFt							
57	WEATHERING		L	6004.00 SqFt							
Sample Number:	102		Type:	R		Area:	5000.00 SqFt		PCI:	40	
Sample Comments:											
48	LONGITUDINAL/TRANSVERSE CRACKING		M	74.00 Ft							
48	LONGITUDINAL/TRANSVERSE CRACKING		L	300.00 Ft							
48	LONGITUDINAL/TRANSVERSE CRACKING		L	243.00 Ft							
48	LONGITUDINAL/TRANSVERSE CRACKING		M	400.00 Ft							
50	PATCHING		M	25.00 SqFt							
52	RAVELING		L	4975.00 SqFt							
57	WEATHERING		L	4975.00 SqFt							

Network:	LCQ			Name:	LAKE CITY GATEWAY AIRPORT				
Branch:	TW C		Name:	TAXIWAY C		Use:	TAXIWAY	Area:	84,362 SqFt
Section:	310	of	2	From:	-	To:	-	Last Const.:	1/1/2004
Surface:	AC	Family:	C9N59-GA-TW-AC		Zone:		Category:		Rank: P
Area:	54,377 SqFt		Length:	1,600 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:	1/1/2004		Work Type: New Construction - Initial			Code:	NU-IN		Is Major M&R: True
Last Insp. Date:	2/6/2017		TotalSamples:	16		Surveyed:	3		
Conditions:	PCI:	72							
Inspection Comments:									
Sample Number:	105	Type:	R	Area:	3500.00 SqFt		PCI:	79	
Sample Comments:									
48	L & T CR	L	129.00 Ft						
57	WEATHERING	L	3416.00 SqFt						
52	RAVELING	L	84.00 SqFt						
Sample Number:	111	Type:	R	Area:	3500.00 SqFt		PCI:	78	
Sample Comments:									
48	L & T CR	L	216.00 Ft						
57	WEATHERING	L	3500.00 SqFt						
Sample Number:	116	Type:	R	Area:	3500.00 SqFt		PCI:	59	
Sample Comments:									
45	DEPRESSION	L	100.00 SqFt						
48	L & T CR	L	155.00 Ft						
48	L & T CR	M	100.00 Ft						
52	RAVELING	L	700.00 SqFt						
42	BLEEDING	N	10.00 SqFt						
57	WEATHERING	L	2800.00 SqFt						

Network:	LCQ		Name:	LAKE CITY GATEWAY AIRPORT							
Branch:	TW D		Name:	TAXIWAY D		Use:	TAXIWAY	Area:	99,733 SqFt		
Section:	405	of 2	From:	-			To:	-	Last Const.:	1/1/1992	
Surface:	AC	Family:	C9N59-GA-TW-AC		Zone:		Category:		Rank:	P	
Area:	86,039 SqFt	Length:	1,069 Ft		Width:	75 Ft					
Slabs:		Slab Length:	Ft		Slab Width:	Ft		Joint Length:	Ft		
Shoulder:		Street Type:			Grade:	0		Lanes:	0		
Section Comments:											
Work Date:	1/1/1992		Work Type:	New Construction - AC			Code:	NC-AC		Is Major M&R:	True
Last Insp. Date:	2/6/2017		TotalSamples:	23		Surveyed:	4				
Conditions:	PCI:	39									
Inspection Comments:											
Sample Number:	100	Type:	R	Area:	3735.00 SqFt		PCI:	22			
Sample Comments:											
48	L & T CR	M	150.00 Ft								
48	L & T CR	L	786.00 Ft								
52	RAVELING	M	1494.00 SqFt								
52	RAVELING	L	2241.00 SqFt								
43	BLOCK CR	L	50.00 SqFt								
41	ALLIGATOR CR	L	105.00 SqFt								
53	RUTTING	L	105.00 SqFt								
Sample Number:	107	Type:	R	Area:	3750.00 SqFt		PCI:	31			
Sample Comments:											
48	L & T CR	L	519.00 Ft								
43	BLOCK CR	L	650.00 SqFt								
53	RUTTING	L	150.00 SqFt								
52	RAVELING	M	2250.00 SqFt								
52	RAVELING	L	1500.00 SqFt								
42	BLEEDING	N	16.00 SqFt								
Sample Number:	115	Type:	R	Area:	4500.00 SqFt		PCI:	47			
Sample Comments:											
48	L & T CR	M	50.00 Ft								
48	L & T CR	L	631.00 Ft								
41	ALLIGATOR CR	L	19.00 SqFt								
42	BLEEDING	N	6.00 SqFt								
53	RUTTING	L	30.00 SqFt								
52	RAVELING	M	113.00 SqFt								
52	RAVELING	L	3637.00 SqFt								
Sample Number:	121	Type:	R	Area:	4875.00 SqFt		PCI:	50			
Sample Comments:											
48	L & T CR	M	212.00 Ft								
48	L & T CR	L	400.00 Ft								
52	RAVELING	M	488.00 SqFt								
52	RAVELING	L	4387.00 SqFt								
45	DEPRESSION	L	36.00 SqFt								

Network:	LCQ	Name:	LAKE CITY GATEWAY AIRPORT						
Branch:	TW D	Name:	TAXIWAY D	Use:	TAXIWAY	Area:	99,733 SqFt		
Section:	410	of	2	From:	-	To:	-	Last Const.:	1/1/1992
Surface:	AC	Family:	C9N59-GA-TW-AC	Zone:		Category:		Rank:	P
Area:	13,694 SqFt	Length:	200 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:	1/1/1992	Work Type:	New Construction - Initial			Code:	NU-IN	Is Major M&R:	True
Last Insp. Date:	2/6/2017	TotalSamples:	3	Surveyed:	1				
Conditions:	PCI:	47							
Inspection Comments:									
Sample Number:	201	Type:	R	Area:	3476.00 SqFt	PCI:	47		
Sample Comments:									
48	L & T CR	M	150.00	Ft					
48	L & T CR	L	395.00	Ft					
52	RAVELING	L	3476.00	SqFt					
56	SWELLING	L	50.00	SqFt					
43	BLOCK CR	L	77.00	SqFt					