STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

AVIATION OFFICE

Statewide Airfield Pavement Management Program

Fort Lauderdale Executive Airport–FXE
(Regional Reliever)
Fort Lauderdale, Florida
(District 4)

June 2012

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EXECUTIVE SUMMARY

In 2010, the Florida Department of Transportation (FDOT) Aviation Office selected a Consultant team consisting of Kimley-Horn and Associates and their Subconsultants, AMEC Environment & Infrastructure, Inc. and All About Pavements, Inc., to provide services in support of FDOT in the continuing evaluation and updating of the existing Statewide Airfield Pavement Management Program (SAPMP) to be completed over fiscal years 2011 and 2012.

The tasks required to achieve this objective at Fort Lauderdale Executive Airport included:

- Obtain recent construction history from the Airport to update the Pavement Inventory CADD drawings from the previous SAPMP update,
- Perform a visual Pavement Condition Index (PCI) survey of the airfield pavements at the Airport,
- Update the MicroPAVER database to analyze the PCI field data and determine the current condition of the airfield pavements,
- Predict the future deterioration of the pavements,
- Develop a 10-year M&R plan to address the pavement needs at Fort Lauderdale Executive Airport, and
- Provide the estimated costs associated with the suggested immediate and future M&R activities

During April 2012, the PCI survey was performed at Fort Lauderdale Executive Airport. The results of the survey indicate that, based on a numerical scale of 0 to 100, the overall area-weighted average PCI of the airfield pavements in 2012 is 83, representing a Satisfactory overall network condition.

Table I below summarizes the overall condition summary by network branch.

Table I: Condition Summary by Branch

Branch Name	Area Weighted PCI	PCI Range	Average Condition Rating	FDOT Minimum Service Level	MicroPAVER Minimum PCI	Action Required
West Holding Apron at RW 31	100	100	Good	65	65	
Holding Apron at RW 8	97	97	Good	65	65	
Holding Apron at TWs A and C	100	100	Good	65	65	
Holding Apron at TWs A and E	86	86	Good	65	65	
Run-Up Apron at RW 13	61	61	Fair	65	65	X
Run-Up Apron at RW 26	72	72	Satisfactory	65	65	
Runway 13-31	87	73-90	Good	75	65	
Runway 8-26	70	70	Fair	75	65	
Taxiway Alpha	97	97-98	Good	65	65	
Taxiway Bravo	93	62-100	Good	65	65	X
Taxiway B-2	100	100	Good	65	65	
Taxiway Charlie	82	50-100	Satisfactory	65	65	X
Taxiway C-4	100	100	Good	65	65	
Taxiway Delta	100	100	Good	65	65	
Taxiway D-1	100	100	Good	65	65	
Taxiway Echo	95	60-100	Good	65	65	X
Taxiway Foxtrot	63	56-99	Fair	65	65	X
Taxiway F-9	66	66	Fair	65	65	
Taxiway Golf	97	86-100	Good	65	65	X
Taxiway Hotel	83	69-100	Satisfactory	65	65	
Taxiway Juliet	86	75-93	Good	65	65	
Taxiway Lima	69	67-80	Fair	65	65	
Taxiway Mike	84	45-100	Satisfactory	65	65	X
Taxiway November	82	63-100	Satisfactory	65	65	X
Taxiway Papa	73	70-77	Satisfactory	65	65	
Taxiway Quebec	84	49-94	Satisfactory	65	65	X
Taxiway Romeo	82	82	Satisfactory	65	65	
Taxiway Sierra	69	62-83	Fair	65	65	X
Taxiway S-1	35	35	Very Poor	65	65	X
Taxiway S-3	60	60-64	Fair	65	65	X

Tables II and III below illustrate the area-weighted PCI computed individually for each pavement use and rank, respectively.

Table II: Condition Summary by Pavement Use

Use	Average Area-Weighted PCI	Condition Rating
Runway	77	Satisfactory
Taxiway	86	Good
Apron	87	Good
All (Weighted)	**83**	**Satisfactory**

Table III: Condition Summary by Pavement Rank

Rank*	Average Area-Weighted PCI	Condition Rating
Primary	86	Good
Secondary	87	Good
Tertiary	75	Satisfactory
All (Weighted)	**83**	**Satisfactory**

*The pavement rank for the airport pavement network is listed on Table 2-3.

The immediate M&R needs, or needs that have been programmed to be completed in the first year of the 10-year M&R plan based on an unlimited budget at Fort Lauderdale Executive Airport, include: Run-Up Apron at RW 13, Taxiway Bravo, Taxiway Charlie, Taxiway Echo, Taxiway Foxtrot, Taxiway Golf, Taxiway Mike, Taxiway November, Taxiway Quebec, Taxiway Sierra, Taxiway S-1, and Taxiway S-3. Asphalt pavement conditions in these areas justify either mill and overlay rehabilitation activity or full pavement reconstruction. The immediate needs are summarized in Table IV below.

Table IV: Immediate Major M&R Needs

Branch Name	Section ID	Surface Type	Section Area (ft^2)	Major M&R Costs*	PCI Before M&R	M&R Activity	PCI After M&R
Run-Up Apron at RW 13	5105	AC	18,300	$62,256.61	61	Mill and Overlay	100
Taxiway Bravo	205	AAC	25,242	$78,856.01	62	Mill and Overlay	100
Taxiway Charlie	305	AAC	71,000	$540,310.27	50	Mill and Overlay	100
Taxiway Echo	580	AC	4,255	$15,658.40	60	Mill and Overlay	100
Taxiway Foxtrot	605	AAC	128,538	$675,081.86	56	Mill and Overlay	100
Taxiway Foxtrot	630	AC	14,625	$41,622.75	63	Mill and Overlay	100
Taxiway Golf	723	AC	65,000	$290,290.10	58	Mill and Overlay	100
Taxiway Mike	1320	AC	9,666	$73,558.30	45	Mill and Overlay	100
Taxiway November	1420	AAC	9,715	$27,648.89	63	Mill and Overlay	100
Taxiway Quebec	1715	AC	6,040	$45,964.42	49	Mill and Overlay	100
Taxiway Sierra	1915	AC	18,995	$59,340.38	62	Mill and Overlay	100
Taxiway S-1	1950	AC	4,590	$60,083.10	35	Reconstruction	100
Taxiway S-3	1960	AC	4,781	$12,277.61	64	Mill and Overlay	100
Taxiway S-3	1965	AC	36,000	$132,480.03	60	Mill and Overlay	100
			Total	**$2,115,428.73**	**56**		**100**

* Costs are adjusted for inflation.

A forecast of Major M&R needs for a 10-year period, starting from 2012, was developed using an unlimited budget. The analysis identified ongoing maintenance needs and major M&R during that interval. The results of this analysis are provided in Table V below.

Table V: 10-Year M&R Costs under Unlimited Funding Scenario

Year	Preventative	Major M&R	Total Year Cost
2012	$170,840.72	$2,115,428.73	$2,286,269.45
2013	$305,308.81	$0.00	$305,308.81
2014	$327,939.38	$301,072.45	$629,011.83
2015	$357,086.98	$154,589.30	$511,676.28
2016	$250,180.95	$1,831,818.39	$2,081,999.34
2017	$260,401.44	$475,131.69	$735,533.13
2018	$323,946.07	$0.00	$323,946.07
2019	$350,050.11	$438,540.57	$788,590.69
2020	$416,224.00	$70,815.98	$487,039.98
2021	$488,988.57	$138,412.30	$627,400.87
Total	**$3,250,967.03**	**$5,525,809.41**	**$8,776,776.45**

Note: Costs are adjusted for inflation.

The implementation of the 10-Year Major M&R Plan is expected to maintain the overall condition of the airfield pavement, where the area-weighted PCI would only decrease from 83 in 2012 to 79 in 2021. Appendix F lists the Major M&R for the 10-Year program. Appendix G graphically depicts the program activity.

It is important to note that although preventative and some major M&R activities would have to be conducted over several years, the area-weighted PCI value for all Fort Lauderdale Executive Airport pavements in 2021 may remain near 79. The airport manager should realize that what is most important is that the pavement repair work (preventative and major M&R) that has been identified for Fort Lauderdale Executive Airport is conducted at some point in the 10-year plan.

1. INTRODUCTION

The State of Florida has more than 100 public airports that are vital to the Florida economy as well as the economy of the United States. There are millions of square yards of pavement for the runways, taxiways, aprons and other areas of these airports that support aircraft operations. The timely and proper maintenance and rehabilitation (M&R) of these pavements allows the airports to operate efficiently, economically and without excessive down time.

In order to support the planning, scheduling, and design of the M&R activities based on pavement evaluation and pavement management performance trends, the Florida Department of Transportation (FDOT) Aviation Office implemented the Statewide Airfield Pavement Management Program (SAPMP) in 1992.

In 2010, the FDOT Aviation Office selected a Consultant team consisting of Kimley-Horn and Associates and their Subconsultants, AMEC Environment & Infrastructure, Inc. and All About Pavements, Inc., to provide services in support of FDOT in the continuing evaluation and updating of the existing SAPMP to be completed over fiscal years 2011 and 2012.

This report discusses the work performed, a summary of the findings, results, and recommendations for M&R planning associated with the update to the SAPMP. It also describes the procedures used to ensure that the appropriate engineering and scientific standards of care, quality, budget, and schedule requirements are implemented during the performance of the SAPMP.

1.1 Purpose

This Florida Airport Pavement Evaluation Report is intended to:

- Describe, briefly, the SAPMP and the roles and responsibilities of the program's participants;
- Provide background information on pavement management principles, objectives, and benefits to this airport;
- Outline the procedures used to collect, evaluate and report pavement inspection results at this airport;
- Present the findings from the pavement inspection;
- Analyze and discuss the needs for Maintenance and Rehabilitation (M&R) activities and associated costs for this airport.

1.2 FDOT Statewide Airfield Pavement Management Program

In 1992, the FDOT implemented the SAPMP to improve the knowledge of pavement conditions at public airports in the State system, identify maintenance needs at individual airports, automate information management, and establish standards to address future needs. The 1992 SAPMP provided valuable information for establishing and performing pavement M&R.

In 1992/1993, and 1998/1999, the FDOT Aviation Office participated in the development of a proprietary software pavement management system and developed and populated a pavement management database that provided valuable information for establishing M&R policies, estimating M&R costs, and developing recommendations for performing routine pavement

maintenance. This system, AIRPAV, was implemented, and initial condition surveys were performed in 1992 and 1993. The SAPMP was updated with additional surveys in 1998 and 1999.

In 2004, the FDOT Aviation Office undertook a project to update the pavement management system software utilized for the SAPMP. This project involved a review of the AIRPAV software and other available pavement management system software. As a result of this review, MicroPAVER was selected as the software for the update project. Data from the 1998/1999 condition surveys were converted to the MicroPAVER system, and the inventory of the pavement systems and drawings of the pavements were updated to reflect maintenance, rehabilitation, and construction activities since 1998/1999. The pavements were inspected between 2006 and 2008, and an updated M&R program was developed based on the new condition of the airfield pavements. As part of the update, procedures for the inspection and collection of pavement data were developed, and a website (www.floridaairportpavement.com) was created for the input of data under secure procedures.

Currently, airports using the AIP Grant Program are required by the Federal Aviation Administration (FAA) to develop a pavement maintenance program (FAA/AC 150/5380-6B "Guidelines and Procedures for Maintenance of Airport Pavements") using trained personnel to perform a detailed inspection of airfield pavements. The inspections are required to be performed at least once a year or every 3 years if pavement inspection is characterized in the form of a Pavement Condition Index (PCI) survey (such as ASTM D 5340 "Standard Test Method for Airport Pavement Condition Index Surveys", (2004 edition)). The 2004 edition was utilized in lieu of the 2010 edition to maintain database integrity and benefit of pavement performance curves from the previous inspections.

In 2010, the FDOT Aviation Office selected a team consisting of the Consultant and their Subconsultants to provided services in support of FDOT in the continuing evaluation and updating of the existing SAPMP to be completed over fiscal years 2011 and 2012.

1.3 Organization

1.3.1 *Aviation Office Program Manager Role*

The Aviation Office Airport Engineering Manager serves as the Aviation Office Program Manager (AO-PM) monitoring the work of the Consultant. The AO-PM has review and approval authority for each program task and also manages the day-to-day details of the SAPMP and the updates.

1.3.2 *Consultant Role*

The Consultant (Kimley-Horn and Associates, Inc.) and their Subconsultants (AMEC Environment & Infrastructure, Inc. and All About Pavements, Inc.) provide technical and administrative assistance to the AO-PM during the execution of this program, which involves the continuing evaluation of airport pavements and updating of the SAPMP based upon procedures outlined in FAA Advisory Circular 150/5380-6B "Guidelines and Procedures for Maintenance of Airport Pavements" and ASTM D 5340 "Standard Test Method for Airport Pavement Condition Index Surveys" (2004).

1.3.3 *Airport Role*

The airports are the ultimate client for each of the field inspections and reports. Individual airports will be provided final deliverables prepared by the Consultant that have been reviewed and approved by the AO-PM. The airport should provide a current Airport Layout Plan (ALP) to the Consultant and, if they participated in the previous SAPMP update, indicate any construction activity that has been performed since the previous inspections.

1.4 Pavement Types and Pavement Management

1.4.1 *Pavement basics*

A pavement is a prepared surface designed to provide a continuous smooth ride at a certain speed and to support an estimated amount of traffic for a certain number of years. Pavements are constructed of a combination of subgrade soils, subbases, bases and surfacing. There are mainly two types of pavements;

- Flexible pavement, composed of an asphalt concrete (AC) surface, and
- Rigid pavement composed of a Portland Cement Concrete (PCC) surface.

Both pavement types use a combination of layered materials and thicknesses in order to support the traffic loads and protect the underlying natural subgrade soil. Flexible pavements (AC) dissipate the load from layer to layer until the load magnitude is small enough to be supported by the subgrade soil. In rigid pavements (PCC), the Portland Cement Concrete supports most of the load, and the base or subbase layer is mainly constructed to provide a smooth and continuous platform for the construction of the concrete surface.

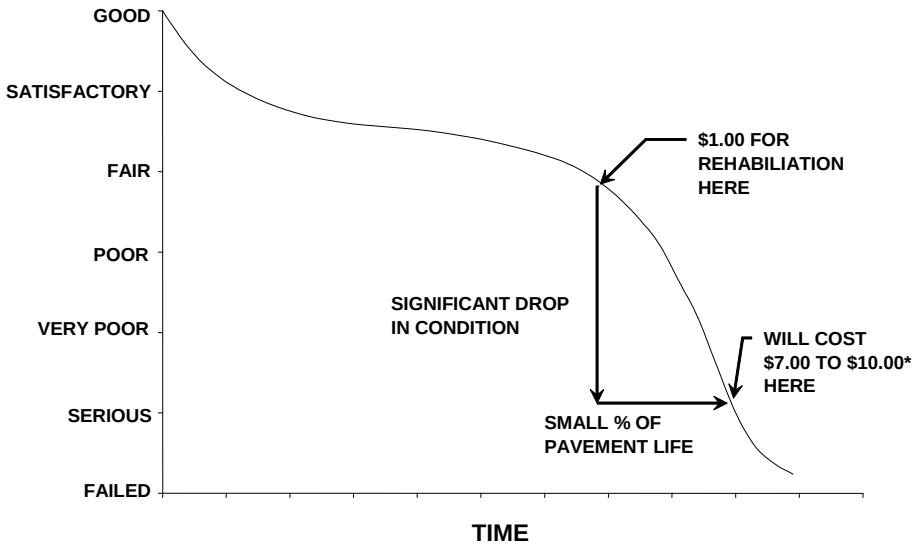
A small percentage of the airport pavements in Florida are composed of asphalt concrete surface over Portland Cement Concrete (APC). This pavement type is known as “composite” pavement.

Due to the different nature of the pavement types and their materials, flexible and rigid pavements have different distresses and failure mechanisms. Understanding the mechanics and failure modes of both pavement types will assist engineers in making adequate and long lasting repairs or rehabilitation to the pavement structures.

1.4.2 *Pavement Management System Concept*

The SAPMP utilized a Pavement Management System (PMS) to develop the M&R recommendations discussed in this report. A PMS is a tool to assist engineers, planners and managing agencies in making decisions when planning pavement M&R. The management of pavements involves scheduling pavement maintenance and rehabilitation before pavements deteriorate to a condition where reconstruction (the most expensive alternative) is the only solution. Figure 1-1 below, taken from FAA/AC 5380-7A “Airport Pavement Management Program”, illustrates how a pavement generally deteriorates and the relative cost of rehabilitation at various times throughout its life. Note that during the first 75 percent of a pavement’s life, it performs relatively well. After that, however, it begins to deteriorate rapidly. The number of years a pavement stays in “good” condition depends on how well it is maintained. As the illustration demonstrates, the cost of maintaining the pavement above a critical condition before rapid deterioration occurs is much less compared to maintaining pavements after substantial deterioration has occurred.

Figure 1-1: Pavement Life Cycle



Source: FAA/AC 150/5380-7A "Airport Pavement Management Program"
**Modified to reflect current construction costs.*

Pavements deteriorate at an accelerated rate with increasing traffic and limited M&R resources. Planned maintenance and rehabilitation, essentially preventing pavements from reaching deteriorated conditions, helps managers/owners/agencies maximize the use of their budgets and prolong the life of the pavements. A PMS provides a tool to schedule and plan maintenance and rehabilitation based on engineering information and existing and predicted conditions of pavements.

There are several components or elements that are essential to a PMS. The first steps in the implementation of a PMS are to know and clearly identify what needs to be managed, the limits of the managing agency's responsibilities and the condition of the existing pavements. Once the cause and the extent of pavement problems are known, the appropriate maintenance and/or rehabilitation can be planned. By using local unit costs and expected yearly budgets, a multi-year M&R plan can be determined.

1.4.3 *Pavement Inspection Methodology for the SAPMP*

Pavement condition assessment is one of the primary decision variables in any airport PMS. Pavement condition assessments generally include visual surveys in accordance with ASTM D 5340, "Standard Test Method for Airport Pavement Condition Index Surveys" and structural evaluation. Pavement condition surveys assess the functional condition of the pavement surface. Typically, most problems within a pavement structure will eventually reflect to the pavement surface. The structural condition and relative support of the pavement layers can be assessed utilizing non-destructive deflection testing (NDT) as well as other in-depth engineering evaluation or sampling and testing methods.

For the Statewide Aviation Pavement Management Program update, only visual surveys were performed. Further structural and geotechnical testing should be conducted to determine the appropriate rehabilitation methods during the design process.

In preparation of the PCI surveys, the airfield pavements are divided into sample units as established in FAA AC 150/5380-6B and ASTM D 5340. Further discussion of how the airport pavements are divided and subdivided into units by construction and use can be found in Section 2 "Network Definition and Pavement Inventory" of this report.

Sample unit sizes are approximately 5000 ± 2000 square feet for AC-surfaced pavements and 20 ± 8 slabs for PCC-surfaced pavements. Prior to conducting the field inspections, the sampling plan was developed based on previous sampling and modified based on the available knowledge of Branches, Sections, use patterns, construction types and history. The sampling rate used for the FDOT Statewide Airfield Pavement Management Program is provided in Table 1-1 below.

Table 1-1: Sampling Rate for FDOT Condition Surveys

AC Pavements			PCC Pavements		
N	**n**		**N**	**n**	
	Runway	**Others**		**Runway**	**Others**
1-4	1	1	1-3	1	1
5-10	2	1	4-6	2	1
11-15	3	2	7-10	3	2
16-30	5	3	11-15	4	2
31-40	7	4	16-20	5	3
41-50	8	5	21-30	7	3
≥51	20% but ≤20	10% but ≤10	31-40	8	4
			41-50	10	5
			≥51	20% but ≤20	10% but ≤10

Where *N = total number of sample units in Section*
n = number of sample units to inspect

The sample units to inspect are determined by a systematic random sampling technique. This means that the locations are determined such that they are distributed evenly throughout the Section. In the case when nonrepresentive distresses are observed in the field, additional sample units were added.

The distress quantities and severity levels from the sample units are used to compute the PCI value for each Section. PCI values range from 0 to 100. As Figure 1-2 below indicates, MicroPAVER provides a rating scale that relates PCI to pavement condition. A PCI between 0 and 10 is considered 'Failed' pavement, and a PCI between 86 and 100 is considered 'Good' pavement, with five other conditions for PCI values between 11 and 85.

Figure 1-2: PCI Rating Scale

	PCI	Condition Rating
	86 – 100	Good
	71 – 85	Satisfactory
	56 – 70	Fair
	41 – 55	Poor
	26 – 40	Very Poor
	11 – 25	Serious
	0 – 10	Failed

1.5 Definitions

Aviation Office - The Aviation Office is charged with responsibility for promoting the safe development of aviation to serve the people of the State of Florida. The Aviation Office Program Manager (AO-PM) has review and approval authority for each program task of the SAPMP.

Base Course - Base Course is a layer of manufactured material, usually crushed rock (aggregate) or stabilized material (asphalt or concrete or Florida Limerock), immediately beneath the surface course of a pavement, which provides support to the surface course.

Branch - A Branch designates pavements that have common usage and functionality, such as an entire runway, taxiway, or apron.

Branch ID - A short form identification for the pavement Branch. In this report, Branch includes the common designation for the item e.g. RW 18-36.

Category - The Category classifies the airport according to the type and volume of aircraft traffic, as follows:

- GA – for general aviation or community airports;
- RL – for regional relievers or small hubs;
- PR – for primary (certified under Part 139 requirements).

Critical PCI - The PCI value considered to be the threshold for M&R decisions. PCI above the Critical generate economical activities expected to preserve and prolong acceptable condition. M&R for PCI values less than Critical make sense only for reasons of safety or to maintain a pavement in operable condition. A pavement section is expected to deteriorate very quickly once it reaches the Critical PCI and the unit cost of repair increases significantly.

Distress Type - A distress type is a defined visible defect in pavement evidenced by cracking, vertical displacement or deterioration of material. In PCI technology, 16 distinct distress types for asphalt surfaced and 15 for Portland Cement Concrete surfaced pavements have been described and rated according to the impact their presence has on pavement condition.

Florida DOT (FDOT) - Florida Department of Transportation was represented in this project by the Office of Aviation.

Global M&R - Global M&R is defined as activities applied to entire pavement Sections with the primary objective of slowing the rate of deterioration. These activities are primary for asphalt surfaced pavements, e.g. surface treatments.

Localized M&R (Maintenance and Repair) - Localized M&R is a temporizing activity performed on existing pavement to extend its serviceability and/or to improve rideability. Localized M&R can be applied either as a safety (stop-gap) measure or preventive measure. Common localized maintenance methods include crack sealing, joint sealing, and patching.

Major M&R (e.g. Rehabilitation) - Activities performed over the entire area of a pavement Section that are intended to restore and/or maintain serviceability. This includes asphalt overlays, milling and replacing asphalt pavement, reconstruction with asphalt, reconstruction with Portland Cement Concrete (PCC) pavements, and PCC overlays.

MicroPAVER - A commercially available software subsidized by FAA and agencies in the US Department of Defense developed to support engineered management of pavement assets using a condition based approach. This software has the functionality such that, if properly implemented, maintained, and operated, it meets the pavement management program requirements described by the FAA in Advisory Circular 150/5380-7A.

Minimum Condition Level - A threshold PCI value established by FDOT to represent the targeted minimum pavement condition that is desirable in the Florida Airport System. These values were established with consideration of pavement function and airport type. For instance, runways have higher minimum condition levels than aprons, and Primary airports have higher minimum condition levels than General Aviation airports.

Network Definition - A Network Definition is a Computer-Aided Drafting & Design (CADD) drawing which shows the airport pavement outline with Branch and Section boundaries. This drawing also includes the PCI sample units and is used to identify those sample units to be surveyed, i.e. the sampling plan. The Network Definition for the airport is in Appendix A along with a table of inventory data.

Pavement Condition Index (PCI) - The Pavement Condition Index is a number which represents the condition of a pavement segment at a specific point in time. It is based on visual identification and measurement of specific distress types commonly found in pavement which has been in service for a period of time. The definitions and procedures for determining the PCI are found in ASTM D 5340, published by ASTM International.

Pavement Evaluation - A systematic approach undertaken by trained and experienced personnel intended for determination of the condition, serviceability, and best corrective action for pavement. Techniques to standardize pavement evaluation include the Pavement Condition Index procedures.

Pavement Management System (PMS) - A Pavement Management System is a broad function that uses pavement evaluation and pavement performance trends as a basis for planning, programming, financing, and maintaining a pavement system.

Pavement Surface Type - The surface of pavement is identified as one of four types:

- AC – for asphalt surface pavements;
- PCC – for Portland Cement Concrete pavements;
- AAC – for asphalt surface pavements that have had an asphalt overlay at some point in their construction history;
- APC – for composite pavements, which consist of asphalt over Portland Cement Concrete pavement.
- PAC – for composite pavements, which consist of Portland Cement Concrete over asphalt pavement.

Rank - Pavement rank in MicroPAVER determines the priority to be assigned to a pavement Section when developing an M&R plan. Pavement Sections are ranked as follows according to their use:

- P – for Primary pavements, such as primary runways, primary taxiways, and primary aprons;
- S – or Secondary pavements, such as secondary runways, secondary taxiways, and secondary aprons;
- T – for Tertiary pavements such as "T" hangars and slightly used aprons.

Reconstruction - Reconstruction includes removal of existing pavement, preparation of subgrade, and construction of new pavement with new or recycled materials. Reconstruction is indicated when distress types evident at the surface indicate failure in the pavement structure or subgrade of a type, and to an extent, not correctable by less extensive construction.

Rehabilitation - Rehabilitation represents construction using existing pavement for a foundation. Rehabilitation most commonly consists of an overlay of existing pavement with a new asphalt or concrete surface. Recently, technology has expanded the options to include recycling of existing pavement and incorporating engineering fabrics or thin layers of elasticized materials to retard reflection of distress types through the new surface.

Sample Unit - Uniformly sized portions of a Section as defined in ASTM D 5340. Sample units are a means to reduce the total amount of pavement actually surveyed using statistics to select and survey enough area to provide a representative measure of Section PCI. Sample Unit sizes are 5,000 ± 2,000 square feet for AC-surfaced pavements and 20 ± 8 slabs for PCC-surfaced pavements.

Section - Sections subdivide Branches into portions of similar pavement. Sections are prescribed by pavement structure, age, condition, and use. Sections are identified on the airport Network Definition. They are the smallest unit used for determining M&R requirements based on condition.

Section ID - A short form identification for the pavement Section that maintains the original AirPAV identification where 100 series through 3000 series Sections are taxiways, 4000 and 5000 series Sections are aprons (the 5000 series represent run-up aprons and turnarounds), and 6000 series Sections are runways.

Statewide Airfield Pavement Management Program (SAPMP) – The Statewide Airfield Pavement Management Program is a program implemented in 1992 by the Florida Department of Transportation to plan, schedule, and design the maintenance and rehabilitation activities

necessary for the airfield pavement on Florida's public airports to allow the airports to operate efficiently, economically, and without excessive down time.

System Inventory - A System Inventory is a Computer-Aided Drafting & Design (CADD) drawing which shows the airport pavement outline and identifies airfield construction activities since the last inspection. The System Inventory for the airport is included in Appendix A.

Use - In MicroPAVER, Use is the term for the function of the pavement area. This is either Runway, Taxiway, or Apron for purposes of the FDOT Statewide Aviation Pavement Management System.

2. NETWORK DEFINITION AND PAVEMENT INVENTORY

Fort Lauderdale Executive Airport (FXE) is located approximately 5 miles north of Fort Lauderdale downtown, Florida, within the city limits. It is a division of the Community and Economic Development Department of the City of Fort Lauderdale. Fort Lauderdale Executive Airport is served by two intersecting runways: Runway 8-26 with a length of 6,001 ft and a width of 100 ft and Runway 13-31 with a length of 4,000 ft and a width of 100 ft. Runway 8-26 runways is served by full-length parallel taxiways Alpha and Echo and Runway 13-31 is served by full-length parallel taxiways Bravo and Gulf. There are 11 additional taxiways serving the airport. All runways and taxiways are constructed of asphalt concrete. The apron areas at the airport are privately maintained. The apron run-up areas are constructed of asphalt concrete. This airport is designated as a Regional Reliever airport and is located in District 4 of the Florida Department of Transportation.

It is important to note that the aforementioned runway data in addition to the remaining airfield pavement facilities geometric dimensions may vary slightly from the geometry used in the condition and M & R analysis based on field measurements.

The airport was built in 1941 as an auxiliary landing field to train Naval Aviators during World War II, the airport was named West Prospect Field. In 1947, the federal government deeded the airport to the city of Fort Lauderdale to be used as a public airport.

2.1 Network Definition

The pavements within the network are defined in MicroPAVER in terms of manageable units that help to organize the data into similar groups. An organizational hierarchy is used to establish these units.

2.1.1 *Branch Section Identification*

The airport pavement network is subdivided into separate Branches (runways, taxiways, or aprons) that have distinctly different uses. Branches are then further divided into Sections with similar pavement construction and performance that may share other common attributes.

Sections are manageable units used to organize the data collection and are treated individually during the rehabilitation planning stage. A pavement rank, consisting of primary, secondary, and tertiary levels, is assigned to each Section based on their level and type of use. The pavement rankings that were designated for each Section in the previous SAPMP update were again used for this update.

As discussed in Section 1.4.3 “Pavement Inspection Methodology for the SAPMP”, the sections are sub-divided into sample units, which are the smallest subdivision in a pavement network, only for the purpose of conducting the pavement condition survey.

2.1.2 *System Inventory and Network Definition Update*

The System Inventory and Network Definition drawings are used to identify changes in the network since the most recent update from the 2006/2008 inspections and also to plan the field inspection activities for the 2012 survey. Prior to the field inspection process, the System Inventory drawing was updated from the previous inspection with notes indicating recent

construction projects on the various Sections of pavement throughout the airfield. This System Inventory drawing is used to update the Network Definition drawing.

The Network Definition drawing shows the airport pavement outline with Branch and Section boundaries. This drawing also includes the PCI sample units and is used to identify those sample units to be surveyed, i.e. the sampling plan. The previous airport configuration and history was compared with the current airport configuration, and the existing network branch, section and sample unit designations were revised to match the current configuration. This drawing serves not only as a primary guide for the airfield inspectors but also as an important historical record.

Due to recent and anticipate construction history; pavement area sections may have been consolidated or created which will affect the total number of sample units to be inspected based on the ASTM 5340 criteria.

The updated System Inventory and Network Definition drawings for Fort Lauderdale Executive Airport are provided in Appendix A. Table 2-1 below lists the recent construction projects at the airport.

Table 2-1: Construction Since Last Inspection & Anticipated Construction Activity

Construction Year	Location	Work Type / Pavement Section
2009	Taxiway Alpha	Relocation of 6,000' of Taxiway Alpha with new pavement Section / Ranger-South
2010	Taxiway Bravo between Taxiways Echo and B-5	Mill & resurface / Weekley Asphalt, Co.
2012	Taxiway Charlie, Taxiway Delta, Taxiway Gold	Rehabilitation
2013	Taxiway Echo – west side	Rehabilitation
2014	Taxiway Echo – east side	Rehabilitation

2.2 Pavement Inventory

The detailed pavement inventory was updated to reflect the network definition update and field inspection results. The total number of sample units designated to be inspected at the airport is 135 sample units.

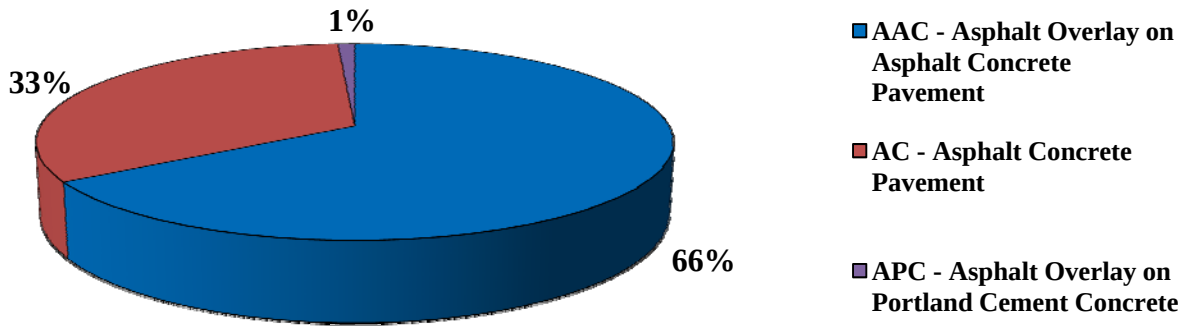
The total airfield pavement area in 2012 at Fort Lauderdale Executive Airport is 3,336,569 square feet. The breakdown of pavement area for each pavement use is provided in Table 2-2.

Table 2-2: Pavement Area by Pavement Use

Use	Area (ft^2)	% of Total Area
Runway	985,900	29%
Taxiway	2,195,976	66%
Apron	162,782	5%
All (Weighted)	**3,344,658**	**100%**

Figure 2-1 presents the breakdown of the pavement area at Fort Lauderdale Executive Airport by surface type.

Figure 2-1: Pavement Area by Surface Type



Details of pavement Branch and Section information including Branch name (which indicates pavement use), Branch ID, Section ID, section area, rank, surface type, last construction date, number of samples inspected, and number of samples in each Section are given in Table 2-3 below. A more detailed Pavement Inventory Table may be found in Appendix A of this report.

Table 2-3: Branch and Section Inventory

Branch Name	Branch ID	Section ID	True Area (ft^2)	Section Rank	Surface Type	Last Const. Date	Total Samples Inspected	Total Samples
West Holding Apron at RW 31	AP HLD 31W	5705	12,000	P	AAC	1/1/2010	1	3
Holding Apron at RW 8	AP HLD 8	5805	35,683	P	AAC	1/1/1996	1	6
Holding Apron at TWs A and C	AP HLD A,C	5305	33,709	T	AC	1/1/1998	1	6
Holding Apron at TWs A and E	AP HLD A,E	5505	33,090	P	AC	1/1/1979	1	7
Run-Up Apron at RW 13	AP RU RW13	5105	18,300	P	AC	1/1/1997	1	4
Run-Up Apron at RW 26	AP RU RW26	5205	30,000	P	AC	1/1/1998	1	6
Runway 13-31	RW 13-31	6205	63,400	S	AAC	1/1/2004	3	14
Runway 13-31	RW 13-31	6210	322,500	S	AAC	1/1/2007	11	65
Runway 8-26	RW 8-26	6105	600,000	T	AAC	1/1/1978	20	120
Taxiway Alpha	TW A	105	138,800	T	AC	1/1/2009	3	28
Taxiway Alpha	TW A	110	150,621	P	AC	1/1/2009	30	30
Taxiway Bravo	TW B	205	25,242	P	AAC	1/1/1997	5	5
Taxiway Bravo	TW B	210	25,565	P	AAC	1/1/1978	6	6
Taxiway Bravo	TW B	215	181,674	P	AAC	1/1/2010	4	37
Taxiway Bravo	TW B	220	10,516	P	AAC	1/1/2010	1	3
Taxiway Bravo	TW B	250	4,490	P	AAC	1/1/2010	1	1
Taxiway Bravo	TW B	270	5,000	P	AAC	1/1/2010	1	1
Taxiway Bravo	TW B	280	5,000	P	AAC	1/1/2010	1	1
Taxiway Bravo	TW B	290	6,500	P	AAC	1/1/2010	1	1
Taxiway B-2	TW B2	260	5,000	P	AC	1/1/2010	1	1
Taxiway Charlie	TW C	305	71,000	T	AAC	1/1/2007	2	14
Taxiway Charlie	TW C	315	3,060	P	AAC	1/1/1978	1	1
Taxiway Charlie	TW C	320	16,370	P	AAC	1/1/1997	4	4
Taxiway Charlie	TW C	321	16,800	P	AC	1/1/2007	1	4
Taxiway Charlie	TW C	323	66,250	P	AAC	1/1/2013	2	13
Taxiway Charlie	TW C	325	23,450	P	AAC	1/1/2013	1	4
Taxiway Charlie	TW C	335	10,015	P	APC	1/1/1996	1	3
Taxiway C-4	TW C4	350	13,395	P	AC	1/1/2001	1	3
Taxiway Delta	TW D	405	14,080	T	AAC	1/1/2013	1	3
Taxiway Delta	TW D	410	18,960	P	AAC	1/1/2013	1	4
Taxiway Delta	TW D	412	16,550	P	AAC	1/1/2013	1	4
Taxiway Delta	TW D	415	51,515	P	AAC	1/1/2013	2	10
Taxiway D-1	TW D1	450	39,595	P	AAC	1/1/2013	1	8
Taxiway Echo	TW E	502	8,490	T	AAC	7/1/2013	1	2
Taxiway Echo	TW E	505	23,328	P	AAC	7/1/2013	1	5
Taxiway Echo	TW E	520	115,800	P	AAC	7/1/2013	3	24

Table 2-3: Branch and Section Inventory (Continued)

Branch Name	Branch ID	Section ID	True Area (ft^2)	Section Rank	Surface Type	Last Const. Date	Total Samples Inspected	Total Samples
Taxiway Echo	TW E	525	21,750	P	AC	1/1/2007	1	6
Taxiway Echo	TW E	530	110,100	P	AAC	7/1/2014	3	23
Taxiway Echo	TW E	575	32,440	P	AC	1/1/1979	1	5
Taxiway Echo	TW E	580	4,255	P	AC	1/1/1978	1	1
Taxiway Foxtrot	TW F	602	18,170	T	AC	1/1/1998	1	4
Taxiway Foxtrot	TW F	605	128,538	P	AAC	1/1/1996	3	27
Taxiway Foxtrot	TW F	607	100,495	P	AAC	1/1/1998	3	20
Taxiway Foxtrot	TW F	610	2,500	P	AAC	1/1/1997	1	1
Taxiway Foxtrot	TW F	620	53,100	P	AC	1/1/1998	2	11
Taxiway Foxtrot	TW F	630	14,625	P	AC	1/1/1996	1	3
Taxiway F-9	TW F9	625	41,865	P	AC	1/1/1999	1	7
Taxiway Golf	TW G	705	22,000	P	AC	1/1/1984	1	5
Taxiway Golf	TW G	710	20,110	P	AC	1/1/1991	1	4
Taxiway Golf	TW G	720	9,875	P	AC	1/1/1984	1	3
Taxiway Golf	TW G	723	65,000	P	AC	1/1/1984	2	13
Taxiway Golf	TW G	725	27,540	P	AAC	1/1/2013	1	6
Taxiway Golf	TW G	730	20,545	P	AAC	1/1/2013	1	4
Taxiway Golf	TW G	735	8,567	P	AAC	1/1/2013	1	2
Taxiway Hotel	TW H	805	15,610	P	AC	1/1/2004	1	3
Taxiway Hotel	TW H	807	15,260	P	AC	1/1/2010	1	3
Taxiway Hotel	TW H	810	5,110	P	AC	1/1/1997	1	1
Taxiway Juliet	TW J	1005	7,600	P	AC	1/1/2004	1	2
Taxiway Juliet	TW J	1010	12,370	P	AC	1/1/2010	1	2
Taxiway Lima	TW L	1206	49,690	P	AC	1/1/1995	1	10
Taxiway Lima	TW L	1210	11,324	P	AAC	1/1/2004	1	2
Taxiway Mike	TW M	1305	5,000	T	AAC	1/1/2010	1	1
Taxiway Mike	TW M	1310	5,473	P	AC	1/1/1984	1	1
Taxiway Mike	TW M	1315	24,612	P	AC	1/1/1984	1	5
Taxiway Mike	TW M	1320	9,666	P	AC	1/1/1984	1	2
Taxiway November	TW N	1405	30,000	T	AC	1/1/1986	1	7
Taxiway November	TW N	1410	18,893	P	AAC	1/1/2010	1	4
Taxiway November	TW N	1415	11,710	P	AC	1/1/1984	1	3
Taxiway November	TW N	1420	9,715	P	AAC	1/1/1984	1	2
Taxiway November	TW N	1425	18,030	P	AAC	1/1/1998	1	4
Taxiway November	TW N	1430	3,000	P	AC	1/1/2010	1	1
Taxiway November	TW N	1435	5,000	P	AAC	1/1/2010	1	1

Table 2-3: Branch and Section Inventory (Continued)

Branch Name	Branch ID	Section ID	True Area (ft^2)	Section Rank	Surface Type	Last Const. Date	Total Samples Inspected	Total Samples
Taxiway Papa	TW P	1605	10,660	P	AC	1/1/1997	1	3
Taxiway Papa	TW P	1610	12,115	P	AAC	1/1/2004	1	3
Taxiway Quebec	TW Q	1705	13,455	P	AAC	1/1/2004	1	3
Taxiway Quebec	TW Q	1707	24,000	P	AC	1/1/2010	1	4
Taxiway Quebec	TW Q	1710	6,421	P	AC	1/1/1999	1	2
Taxiway Quebec	TW Q	1715	6,040	P	AC	1/1/1997	1	1
Taxiway Romeo	TW R	1805	11,500	P	AC	1/1/1999	1	2
Taxiway Sierra	TW S	1905	13,570	P	AC	1/1/1999	1	3
Taxiway Sierra	TW S	1910	7,245	P	AC	1/1/1999	1	2
Taxiway Sierra	TW S	1915	18,995	P	AC	1/1/1999	1	4
Taxiway S-1	TW S1	1950	4,590	P	AC	1/1/1999	1	1
Taxiway S-3	TW S3	1960	4,781	P	AC	1/1/1999	1	1
Taxiway S-3	TW S3	1965	36,000	P	AC	1/1/1999	1	7

Note: If a new construction, then survey date = last construction date and PCI is set to 100 by MicroPAVER.

Sections not surveyed due to reasons such as re-sectioning, no escort, not accessible at the time of survey.

3. PAVEMENT CONDITION

Pavement conditions were inspected in accordance with the methods outlined in FAA AC 150/5380-6B and ASTM D 5340-04 "Standard Practice for Airport Pavement Condition Index Surveys." These procedures define distress type, severity and quantity for sampling areas within each section to determine the Pavement Condition Index (PCI).

3.1 Inspection Methodology

A PCI survey is performed by measuring the amount and severity of pavement distresses, which are caused by traffic load, climate, and other factors, observed within a sample unit. This data is imported into MicroPAVER, which calculates PCI values for the pavement sections. Table 3-1 below lists the pavement distress types and related causes for asphalt concrete (AC).

Table 3-1: Pavement Distresses for Asphalt Concrete Surfaces

Code	Distress	Mechanism
41	Alligator Cracking	Load
42	Bleeding	Construction Quality/ Mix Design
43	Block Cracking	Climate / Age
44	Corrugation	Load / Construction Quality
45	Depression	Subgrade Quality
46	Jet Blast	Aircraft
47	Joint Reflection - Cracking	Climate / Prior Pavement
48	Longitudinal/Transverse Cracking	Climate / Age
49	Oil Spillage	Aircraft / Vehicle
50	Patching	Utility / Pavement Repair
51	Polished Aggregate	Load
52	Weathering/Raveling	Climate / Load
53	Rutting	Load
54	Shoving	Pavement Growth
55	Slippage Cracking	Load / Pavement Bond
56	Swelling	Climate / Subgrade Quality

Source: U.S. Army CERL, FDOT Airfield Inspection Reference Manual

Prior to conducting the inspections, Global Positioning System (GPS) coordinates were recorded using CADD at the centroid of each sample unit. The centroid is usually the geometric center of the area, but in cases where sample units are irregular in shape, this is the center of mass. These data are presented in a table on the updated Network Definition Map in Appendix A of this report.

Pavement condition inspections at Fort Lauderdale Executive Airport were performed in April 2012. Data was recorded in the field in accordance with FAA Advisory Circular 150/5380-6B "Guidelines and Procedures for Maintenance of Airport Pavements" and ASTM D 5340 "Standard Test Method for Airport Pavement Condition Index Surveys" (2004).

After the completion of data collection, the data was imported into MicroPAVER, and PCI values were calculated for the pavement sections.

3.2 Pavement Condition Index Results

According to the 2012 survey, the overall area-weighted PCI at Fort Lauderdale Executive Airport is 83, representing a Satisfactory overall network condition. Taxiway Bravo was resurfaced in 2010 and Taxiways Charlie, Delta and Golf will be resurfaced in 2012 and hence were not inspected during the recent inspections.

The Asphalt concrete of both Runways exhibited low to medium severity weathering and raveling, low to medium severity patching, low to medium severity longitudinal and transverse cracking along with low severity rutting and swelling. Runway 8-26 displays the lower PCI of the two runways inspected. The patches all appear to be repaired coreholes of the pavement structure. The distortional distresses of rutting and swelling may be the result of either load-related issues or environmental factors. The other distresses observed on the runways are predominantly related to environmental factors.

Taxiways throughout the airfield exhibited similar distresses to the runways with low to medium severity weathering and raveling, low to medium severity patching, low to medium severity longitudinal and transverse cracking, low to medium severity swelling along with low severity rutting and alligator cracking. The distresses observed appear to be a combination of both load-related issues and environmental factors. Alligator cracking is generally caused by loading of the pavement section. Weathering and raveling and longitudinal and transverse cracking are usually related to environmental factors.

Apron areas are mostly privately maintained at this airport and were subsequently not inspected. There are a few run-up apron areas which were inspected. The primary distresses observed included longitudinal and transverse cracking, patching, and raveling and weathering. These distresses are predominantly the result of environmental factors.

Appendix B contains a table and a Condition Map which depicts the PCI results by Section, and Appendix C contains a table of PCI results by Branch. Appendix I includes detailed distress data generated by MicroPAVER for each inspected sample unit.

Figure 3-1 provides the PCI distribution by rating category for Fort Lauderdale Executive Airport.

Figure 3-1: Network PCI Distribution by Rating Category

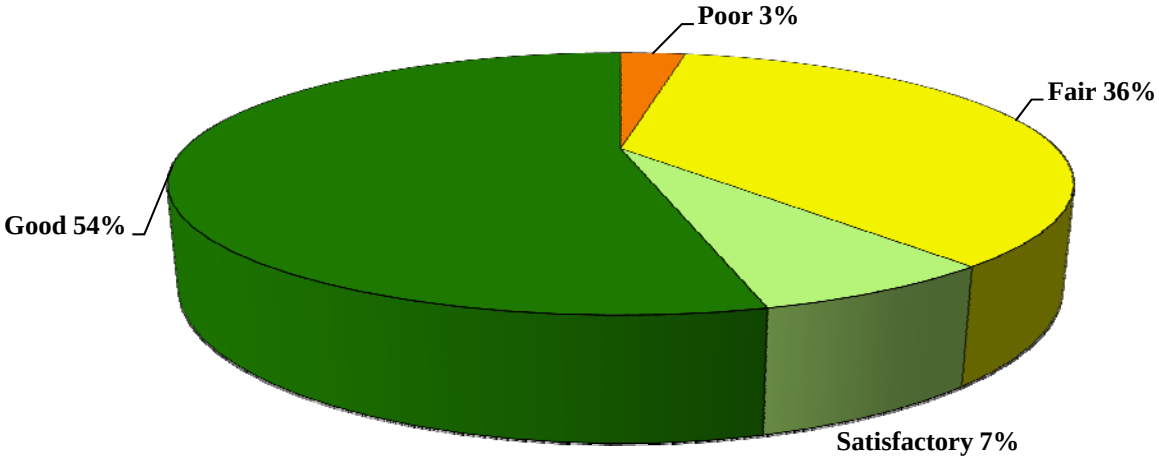


Figure 3-1a: Condition Rating Summary

Condition Rating	Total Area (ft^2)	Percent
Good	1,822,401	54%
Satisfactory	229,525	7%
Fair	1,201,436	36%
Poor	86,706	3%
Very Poor	4,590	0%
Serious	0	0%
Failed	0	0%

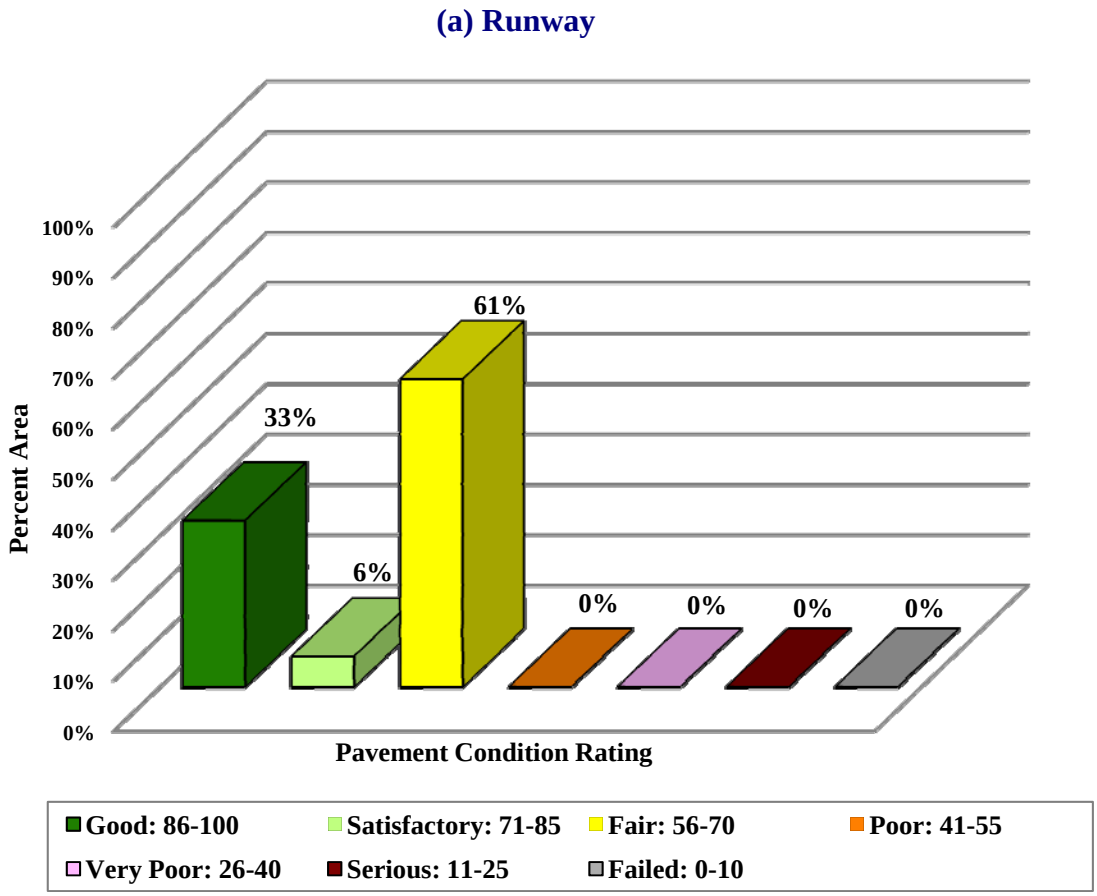
Approximately 61% of the network is in Good and Satisfactory condition while 39% of the network is in Fair and Poor condition. Table 3-2 illustrates the area-weighted PCI computed individually for each pavement use.

Table 3-2: Condition by Pavement Use

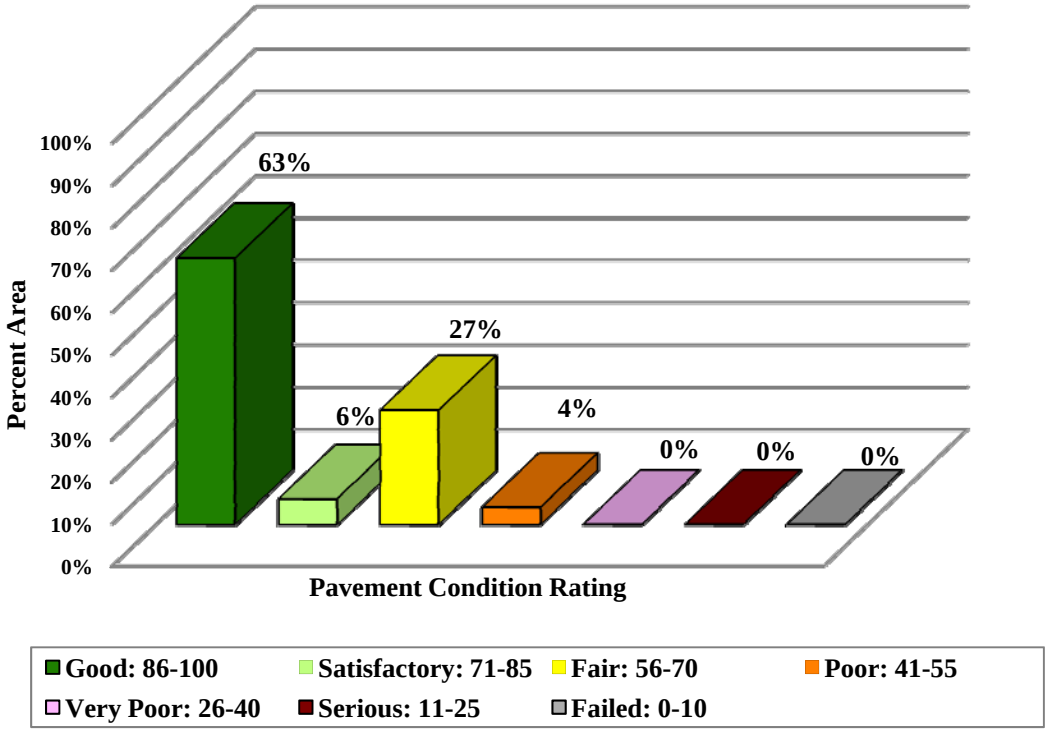
Use	Average Area-Weighted PCI	Condition Rating
Runway	77	Satisfactory
Taxiway	86	Good
Apron	87	Good
All (Weighted)	**83**	**Satisfactory**

Figure 3-2 presents the breakdown of PCI by range for each pavement use.

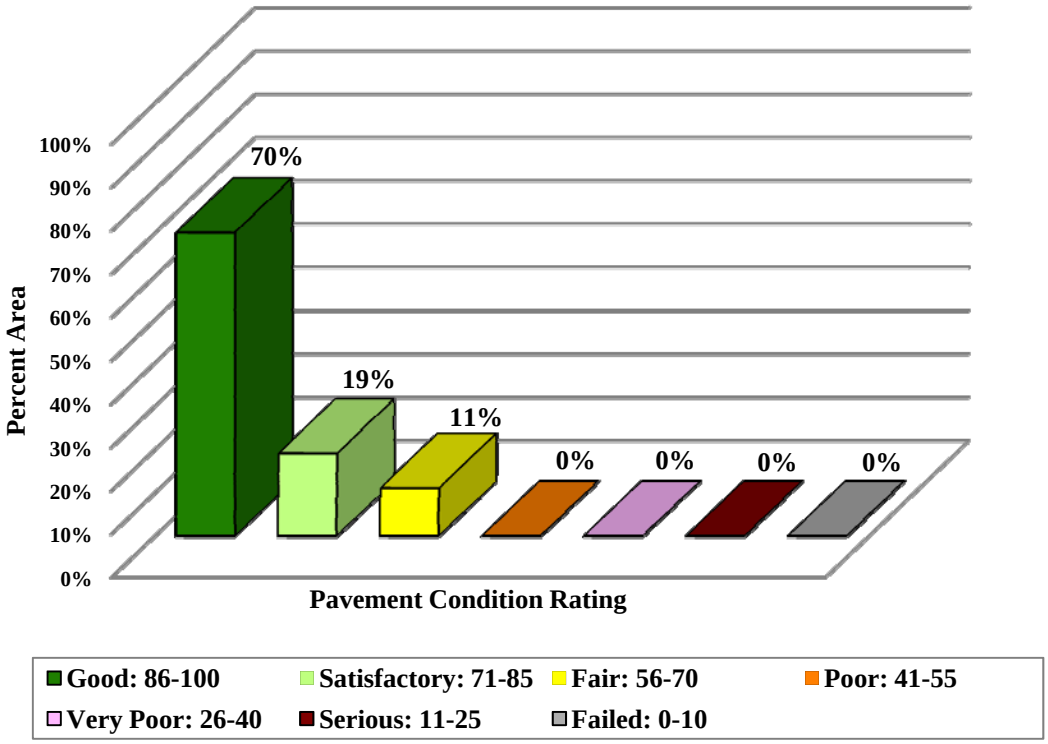
Figure 3-2: Percentage of Pavement Area within Each PCI Range by Pavement Use



(b) Taxiway



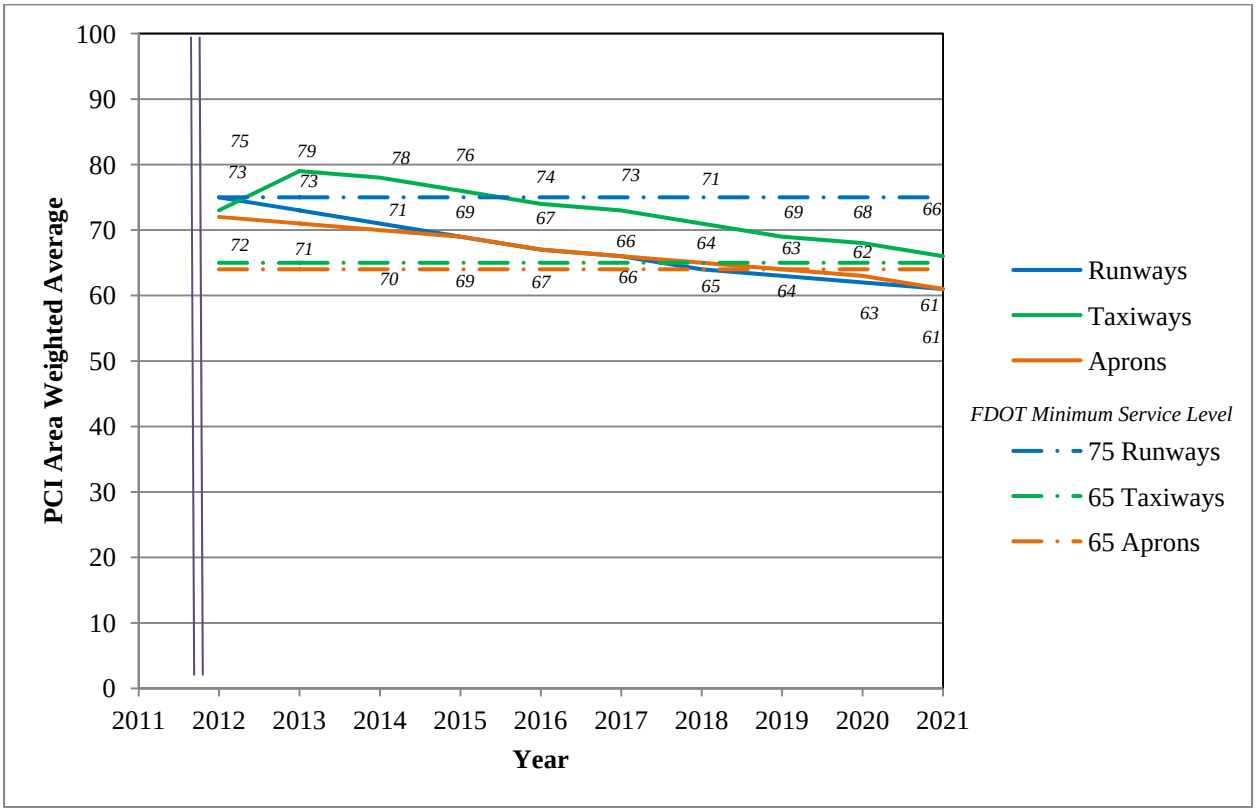
(c) Apron



4. PAVEMENT CONDITION PREDICTION

Performance prediction models or deterioration curves for PCI were used to develop a condition forecast. The performance models were developed for combinations of variables such as pavement use (runway, taxiway or apron), surface type (AC or PCC) and airport category (GA, RL, or PR). Figure 4-1 illustrates the predicted performance of pavements at Fort Lauderdale Executive Airport based on current condition, age since last construction and the deterioration model appropriate for the type of pavement. The figure presents the forecast for each pavement use and displays the FDOT minimum service level for Regional Reliever (RL) airports.

Figure 4-1: Predicted PCI by Pavement Use



Appendix D presents the tabular summary of the predicted Section PCI for each year from 2012 to 2021.

5. MAINTENANCE POLICIES AND COSTS

5.1 Policies

Maintenance and rehabilitation (M&R) policies are sets of rules used to develop repair recommendations for distresses encountered during the visual inspections.

Maintenance refers to repair-type activities that are applied to specific distress types on the pavement. These activities are preventative and/or corrective in nature and are recommended to help achieve the performance goal.

Table 5-1 provides the list of the maintenance activities used in MicroPAVER to treat specific distress types. MicroPAVER applies repairs to these distresses and adjusts the PCI based on specific rules. These repairs are used only in the first year of an analysis.

Rehabilitation is warranted when the pavement condition decreases below a critical point such that the deterioration is extensive or the rate of deterioration is so great that routine maintenance is no longer cost-efficient. This critical point is called "Critical PCI." The critical PCI levels for different pavement and branch types established in the previous SAPMP update were used in this update for the development of the M&R plan for the airport. Sections above critical PCI levels receive routine maintenances while pavements predicted to deteriorate below their respective critical PCI level during the analysis period will be identified for Major M&R. Table 5-2 gives the critical PCI levels for Regional Reliever Airports.

The maintenance rehabilitation policy and activity costs have been updated based on the study of readily available construction cost data at the time of this study. The costs depicted in this report are intended for planning purposes.

Table 5-1: Routine Maintenance Activities for Airfield Pavements

Surface	Distress	Severity*	Work Type	Code	Work Unit
AC	Alligator Crack	M, H	Patching - AC Deep	PA-AD	SqFt
	Bleeding	N/A	No Localized M&R	NONE	N/A
	Block Crack	M, H	Crack Sealing – AC	CS-AC	SqFt
	Corrugation	L, M, H	Patching - AC Deep	PA-AD	SqFt
	Depression	M, H	Patching - AC Deep	PA-AD	SqFt
	Jet Blast	N/A	Patching - AC Deep	PA-AD	SqFt
	Joint Ref. Crack	M, H	Crack Sealing – AC	CS-AC	Ft
	L & T Crack	M, H	Crack Sealing – AC	CS-AC	Ft
	Oil Spillage	N/A	Patching - AC Shallow	PA-AS	SqFt
	Patching	M, H	Patching - AC Deep	PA-AD	SqFt
	Polished Agg.	N/A	No Localized M&R	NONE	N/A
	Raveling / Weathering	L	Surface Sealing - Rejuvenating	SS-RE	SqFt
		M	Surface Seal - Coal Tar	SS-CT	SqFt
		H	Microsurfacing	MI-AC	SqFt
	Rutting	M, H	Patching - AC Deep	PA-AD	SqFt
	Shoving	M, H	Grinding (Localized)	GR-LL	SqFt
	Slippage Crack	N/A	Patching - AC Shallow	PA-AS	SqFt
	Swelling	M, H	Patching - AC Deep	PA-AD	SqFt
PCC	Blow-Up	L, M, H	Patching - PCC Full Depth	PA-PF	SqFt
	Corner Break	M, H	Patching - PCC Full Depth	PA-PF	SqFt
	Linear Crack	M, H	Crack Sealing – PCC	CS-PC	Ft
	Durability Crack	H	Slab Replacement – PCC	SL-PC	SqFt
		M	Patching - PCC Full Depth	PA-PF	SqFt
	Jt. Seal Damage	M, H	Joint Seal (Localized)	JS-LC	Ft
	Small Patch	M, H	Patching - PCC Partial Depth	PA-PP	SqFt
	Large Patch	M, H	Patching - PCC Full Depth	PA-PF	SqFt
	Popouts	N/A	No Localized M&R	NONE	N/A
	Pumping	N/A	No Localized M&R	NONE	N/A
	Scaling	H	Slab Replacement – PCC	SL-PC	SqFt
	Faulting	M, H	Grinding (Localized)	GR-PP	Ft
	Shattered Slab	M, H	Slab Replacement – PCC	SL-PC	SqFt
	Shrinkage Crack	N/A	No Localized M&R	NONE	N/A
	Joint Spall	M, H	Patching - PCC Partial Depth	PA-PP	SqFt
	Corner Spall	M, H	Patching - PCC Partial Depth	PA-PP	SqFt

*L = Low, M = Medium, H = High

Table 5-2: Critical PCI for Regional Reliever Airports

Use	Critical PCI
Runway	65
Taxiway	65
Apron	65

It should be noted that critical PCI is not the same as Minimum PCI or Minimum Condition. The Minimum PCI is a value set by the user so pavement sections are rehabilitated before they fall below the set minimum. Table 5-3 gives the targeted, or desired, Minimum PCI values for runways, taxiways, and aprons of Regional Reliever Airports.

Table 5-3: FDOT Minimum Service Level PCI for Regional Reliever Airports

Minimum PCI		
Runway	**Taxiway**	**Apron**
75	65	65

Typical Major M&R activities range from overlays to reconstruction. Based on the critical PCI values in Table 5-2 the PCI trigger range when the likely activity would be a mill and resurface was 40 to 79 and reconstruction at a PCI of 39 or lower. One important concept of pavement management systems is that it is cost effective to maintain pavements that are already in good condition rather than wait for them to get worse and require more expensive rehabilitation.

Crack sealing and full-depth patching are the M&R activities recommended to repair pavements with PCI values between 80 and 90. MicroPAVER considers these as preventative M&R with their primary objective being to slow the rate of pavement deterioration. While the trigger PCI for mill and overlay has been set to 55, MicroPAVER also assigns mill and overlay to sections with a PCI greater than 55 if they exhibit some structural distress. Table 5-4 summarizes the M&R activities for Regional Reliever Airports based on PCI value.

Table 5-4: M&R Activities for Regional Reliever Airports

	Activity	PCI Range
Maintenance	Crack Sealing and Full-Depth Patching	80 and 90
Rehabilitation	Mill and Overlay (AC) or Concrete Pavement Restoration (PCC)	40 to 79
	Reconstruction	39 and less

5.2 Unit Costs

FDOT cost databases for airports and highway pavement maintenance and rehabilitation were updated from the previous SAPMP study based on current construction cost trends in order to determine meaningful costs for the program. Table 5-5 presents the unit costs summary.

5.3 M&R Activities

FDOT recognizes that although Mill and Overlay work is recommended for asphalt pavements within a PCI range from 40 to 79, it is conceivable that airports may not have adequate funding to perform this type of rehabilitation. Microsurfacing treatment is a maintenance/rehabilitation measure that can be used in lieu of asphalt pavement mill and overlay; however it should be understood that this measure is intended for short term pavement life extension. While the cost of microsurfacing is significantly lower than that of pavement mill and overlay, it is not intended to be a full rehabilitative measure for long term benefit.

Table 5-5: Maintenance Unit Costs for FDOT

Code	Name	Cost	Unit
GR-LL	Grinding (Localized for AC)	$2.10	SqFt
PA-AL	Patching – AC Leveling	$2.30	SqFt
PA-AS	Patching – AC Shallow	$2.90	SqFt
PA-PF	Patching – PCC Full Depth	$38.11	SqFt
PA-PP	Patching – PCC Partial Depth	$19.06	SqFt
SL-PC	Slab Replacement – PCC	$39.11	SqFt
CS-PC	Crack Sealing – PCC	$4.24	Ft
UN-PC	Undersealing – PCC	$3.40	Ft
CS-AC	Crack Sealing – AC	$2.25	Ft
GR-PP	Grinding (Localized for PCC)	$22.51	Ft
JS-LC	Joint Seal (Localized)	$2.00	Ft
SH-LE	Shoulder Leveling	$2.81	Ft
JS-SI	Joint Seal – Silicon	$2.81	Ft
PA-AD	Patching – AC Deep	$4.90	SqFt
OL-AT	Overlay – AC Thin	$2.80	SqFt
SS-CT	Surface Seal – Coal Tar	$0.40	SqFt
SS-FS	Surface Seal – Fog Seal	$0.40	SqFt
SS-RE	Surface Seal – Rejuvenating	$0.40	SqFt
ST-SB	Surface Treatment – Single Bitum.	$0.30	SqFt
ST-SS	Surface Treatment – Slurry Seal	$0.55	SqFt
ST-ST	Surface Treatment – Sand Tar	$0.28	SqFt
MI-AC	Microsurfacing - AC	$0.65	SqFt

The improvement in condition due to maintenance actions applied to specific distresses is only performed when an inspection was performed recently and only in the first year of the M&R analysis. In subsequent years, MicroPAVER calculates M&R costs based on expected unit costs for pavements in a range of PCIs. That is, for low PCI, it is expected that the repair would be significant (e.g. reconstruction) and therefore very costly.

Using available unit cost data, the Major M&R Cost by Condition table was set up as shown in Table 5-6. The cost assigned to each range of PCI is based on a Transportation Cost Report provided by Office of Planning Policy of FDOT where the unit costs of reconstruction and resurfacing of airfield pavements were included. These costs were then assigned to the appropriate PCI range to arrive at a cost per square foot necessary to restore pavements at that PCI level to new condition, i.e. a PCI of 100.

Table 5-6: M&R Activities and Unit Costs by Condition for Regional Reliever Airports

	Activity	PCI Trigger	Cost/SqFt
Maintenance	Crack Sealing and Full-Depth Patching	90	$0.10
		80	$0.40
Rehabilitation	Mill and Overlay (AC) or Concrete Pavement Restoration (PCC)	70	$0.90
		60	$3.68
		50	$7.61
		40	$18.57
	Reconstruction	30	$18.57
		20	$18.57

A 3% inflation rate per year was applied to the unit costs during the M&R analysis.

6. PAVEMENT REHABILITATION NEEDS ANALYSIS

Maintenance and Rehabilitation (M&R) analyses were performed after the condition data were calculated and MicroPAVER was customized with the maintenance policies and cost settings described in the previous section.

The objective of the M&R analysis is to observe the effect of different fiscal scenarios on the network condition, over a period of ten years, starting from 2012. The analysis was conducted using an unlimited budget. An unlimited budget allows all M&R needs to be identified along with the associated cost regardless of priority.

Table 6-1 presents the M&R list of immediate needs for Major M&R, i.e. Year 1 of the forecast. The importance of this listing is that it points out the major activities triggered by the current condition of the pavements.

Table 6-1: Summary of Immediate Major M&R Needs Option No. 1

Branch Name	Section ID	Surface Type	Section Area (ft^2)	Major M&R Costs*	PCI Before M&R	M&R Activity	PCI After M&R
Run-Up Apron at RW 13	5105	AC	18,300	$62,256.61	61	Mill and Overlay	100
Taxiway Bravo	205	AAC	25,242	$78,856.01	62	Mill and Overlay	100
Taxiway Charlie	305	AAC	71,000	$540,310.27	50	Mill and Overlay	100
Taxiway Echo	580	AC	4,255	$15,658.40	60	Mill and Overlay	100
Taxiway Foxtrot	605	AAC	128,538	$675,081.86	56	Mill and Overlay	100
Taxiway Foxtrot	630	AC	14,625	$41,622.75	63	Mill and Overlay	100
Taxiway Golf	723	AC	65,000	$290,290.10	58	Mill and Overlay	100
Taxiway Mike	1320	AC	9,666	$73,558.30	45	Mill and Overlay	100
Taxiway November	1420	AAC	9,715	$27,648.89	63	Mill and Overlay	100
Taxiway Quebec	1715	AC	6,040	$45,964.42	49	Mill and Overlay	100
Taxiway Sierra	1915	AC	18,995	$59,340.38	62	Mill and Overlay	100
Taxiway S-1	1950	AC	4,590	$60,083.10	35	Reconstruction	100
Taxiway S-3	1960	AC	4,781	$12,277.61	64	Mill and Overlay	100
Taxiway S-3	1965	AC	36,000	$132,480.03	60	Mill and Overlay	100
			Total	**$2,115,428.73**	**56**		**100**

* Costs are adjusted for inflation.

FDOT recognizes that the costs attributed to the aforementioned ‘Major Activity’ of performing a pavement ‘Mill and Overlay’ may conflict with budgetary constraints. Table 6-2 presents an alternative minor rehabilitative activity to the mid-range performing pavements. The alternative activity is performing a ‘Microsurfacing/Slurry Seal’ to the pavement to retard the degradation of the facility until funding is available for a ‘Mill and Overlay’ activity.

Table 6-2: Summary of Immediate Major M&R Needs Option No. 2

Branch Name	Section ID	Surface Type	Section Area (ft^2)	Major M&R Costs*	PCI Before M&R	M&R Activity	PCI After M&R
Run-Up Apron at RW 13	5105	AC	18,300	$11,895.00	61	Microsurfacing	100
Taxiway Bravo	205	AAC	25,242	$16,407.30	62	Microsurfacing	100
Taxiway Charlie	305	AAC	71,000	$46,150.00	50	Microsurfacing	100
Taxiway Echo	580	AC	4,255	$2,765.75	60	Microsurfacing	100
Taxiway Foxtrot	605	AAC	128,538	$83,549.70	56	Microsurfacing	100
Taxiway Foxtrot	630	AC	14,625	$9,506.25	63	Microsurfacing	100
Taxiway Golf	723	AC	65,000	$42,250.00	58	Microsurfacing	100
Taxiway Mike	1320	AC	9,666	$6,282.90	45	Microsurfacing	100
Taxiway November	1420	AAC	9,715	$6,314.75	63	Microsurfacing	100
Taxiway Quebec	1715	AC	6,040	$3,926.00	49	Microsurfacing	100
Taxiway Sierra	1915	AC	18,995	$12,346.75	62	Microsurfacing	100
Taxiway S-1	1950	AC	4,590	$60,083.10	35	Reconstruction	100
Taxiway S-3	1960	AC	4,781	$3,107.65	64	Microsurfacing	100
Taxiway S-3	1965	AC	36,000	$23,400.00	60	Microsurfacing	100
			Total	**$327,985.15**	**56**		**100**

* Costs are adjusted for inflation.

In addition to the immediate Major M&R needs, maintenance activities for pavement areas above critical PCI have been recommended by MicroPAVER for Year 1 and are shown in Table 6-3 below. The costs provided in Table 5-5 were used to calculate the costs associated with this work, which is intended to treat specific distress types. A more detailed table is provided in Appendix E.

Table 6-3: Summary of Year 1 Maintenance Activities

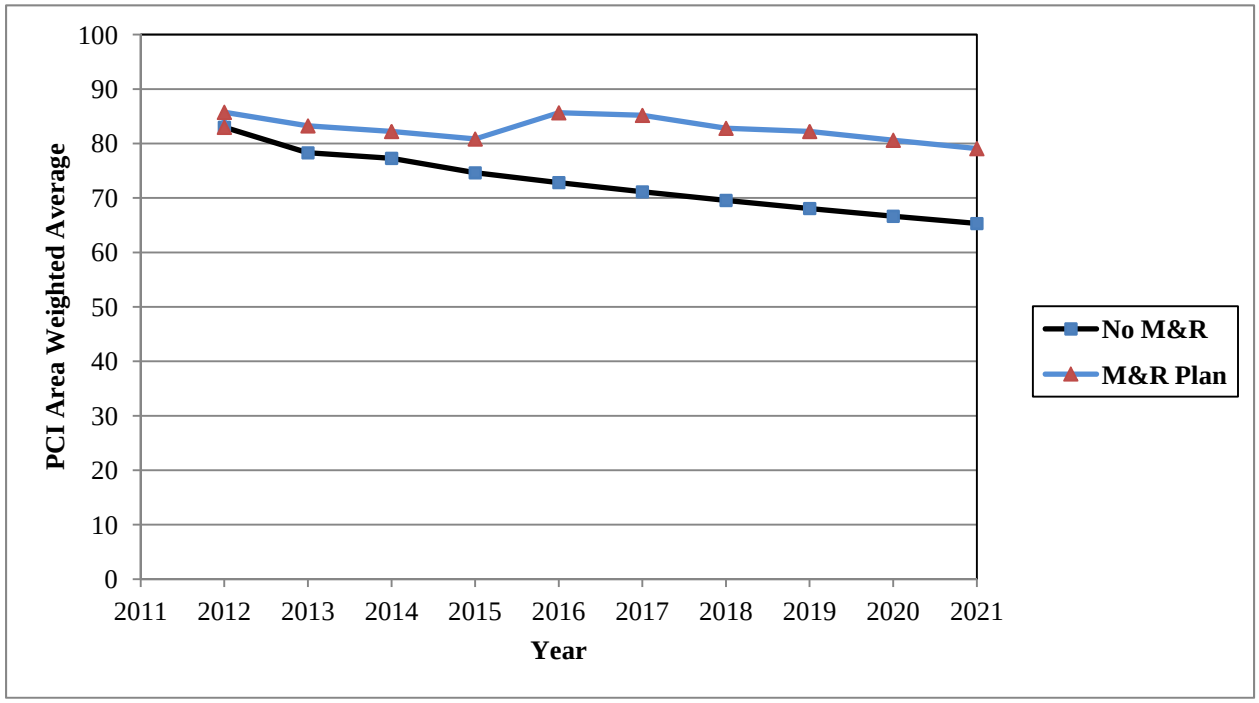
Branch Name	Branch ID	Section ID	Distress Description	Distress Severity	Work Description	Work Quantity	Work Unit	Unit Cost	Work Cost
Run-Up Apron at RW 26	AP RU RW26	5205	WEATH/RAVEL	L	Surface Seal - Rejuvenating	29,999.80	SqFt	$0.40	$12,000.00
Runway 13-31	RW 13-31	6205	PATCHING	M	Patching - AC Deep	31.30	SqFt	$4.90	$153.13
Runway 13-31	RW 13-31	6205	WEATH/RAVEL	L	Surface Seal - Rejuvenating	57,492.90	SqFt	$0.40	$22,997.33
Runway 13-31	RW 13-31	6205	WEATH/RAVEL	M	Surface Seal - Coat Tar	8,803.60	SqFt	$0.40	$3,521.47
Runway 13-31	RW 13-31	6210	WEATH/RAVEL	L	Surface Seal - Rejuvenating	13,515.60	SqFt	$0.40	$5,406.27
Runway 13-31	RW 13-31	6210	WEATH/RAVEL	M	Surface Seal - Coat Tar	5.90	SqFt	$0.40	$2.35
Runway 8-26	RW 8-26	6105	WEATH/RAVEL	L	Surface Seal - Rejuvenating	33,649.70	SqFt	$0.40	$13,460.00
Runway 8-26	RW 8-26	6105	L & T CR	M	Crack Sealing - AC	70.00	Ft	$2.25	$157.54
Runway 8-26	RW 8-26	6105	WEATH/RAVEL	M	Surface Seal - Coat Tar	915.00	SqFt	$0.40	$366.00
Runway 8-26	RW 8-26	6105	L & T CR	H	Crack Sealing - AC	3.00	Ft	$2.25	$6.75
Runway 8-26	RW 8-26	6105	PATCHING	M	Patching - AC Deep	7.30	SqFt	$4.90	$36.00
Taxiway Alpha	TW A	110	WEATH/RAVEL	L	Surface Seal - Rejuvenating	924.00	SqFt	$0.40	$369.60
Taxiway Bravo	TW B	210	WEATH/RAVEL	L	Surface Seal - Rejuvenating	14,727.20	SqFt	$0.40	$5,890.91
Taxiway Charlie	TW C	315	WEATH/RAVEL	L	Surface Seal - Rejuvenating	273.30	SqFt	$0.40	$109.31
Taxiway Charlie	TW C	320	WEATH/RAVEL	L	Surface Seal - Rejuvenating	137.50	SqFt	$0.40	$55.00
Taxiway Echo	TW E	525	WEATH/RAVEL	L	Surface Seal - Rejuvenating	217.50	SqFt	$0.40	$87.00
Taxiway Echo	TW E	575	WEATH/RAVEL	L	Surface Seal - Rejuvenating	2,649.60	SqFt	$0.40	$1,059.84
Taxiway Foxtrot	TW F	602	WEATH/RAVEL	L	Surface Seal - Rejuvenating	22,999.80	SqFt	$0.40	$9,200.00
Taxiway Foxtrot	TW F	607	L & T CR	M	Crack Sealing - AC	2.10	Ft	$2.25	$4.72
Taxiway Foxtrot	TW F	607	WEATH/RAVEL	L	Surface Seal - Rejuvenating	1,841.60	SqFt	$0.40	$736.66
Taxiway Foxtrot	TW F	607	WEATH/RAVEL	M	Surface Seal - Coat Tar	82.00	SqFt	$0.40	$32.79
Taxiway Quebec	TW Q	1705	WEATH/RAVEL	L	Surface Seal - Rejuvenating	1,035.00	SqFt	$0.40	$414.00
Taxiway Quebec	TW Q	1707	WEATH/RAVEL	L	Surface Seal - Rejuvenating	400.00	SqFt	$0.40	$160.00
Taxiway Quebec	TW Q	1710	WEATH/RAVEL	L	Surface Seal - Rejuvenating	4,851.40	SqFt	$0.40	$1,940.57
Taxiway Romeo	TW R	1805	WEATH/RAVEL	L	Surface Seal - Rejuvenating	1,437.50	SqFt	$0.40	$575.00

Table 6-3: Summary of Year 1 Maintenance Activities (Continued)

Branch Name	Branch ID	Section ID	Distress Description	Distress Severity	Work Description	Work Quantity	Work Unit	Unit Cost	Work Cost
Taxiway Sierra	TW S	1905	WEATH/RAVEL	L	Surface Seal - Rejuvenating	1,281.60	SqFt	$0.40	$512.64
Taxiway Sierra	TW S	1910	WEATH/RAVEL	L	Surface Seal - Rejuvenating	6,852.50	SqFt	$0.40	$2,741.03
Taxiway Sierra	TW S	1910	WEATH/RAVEL	M	Surface Seal - Coat Tar	392.40	SqFt	$0.40	$156.98
Taxiway Foxtrot	TW F	620	WEATH/RAVEL	L	Surface Seal - Rejuvenating	104,999.10	SqFt	$0.40	$42,000.00
Taxiway F-9	TW F9	625	WEATH/RAVEL	L	Surface Seal - Rejuvenating	11,708.30	SqFt	$0.40	$4,683.38
Taxiway F-9	TW F9	625	WEATH/RAVEL	M	Surface Seal - Coat Tar	379.70	SqFt	$0.40	$151.89
Taxiway Golf	TW G	705	WEATH/RAVEL	L	Surface Seal - Rejuvenating	2,002.00	SqFt	$0.40	$800.81
Taxiway Golf	TW G	720	WEATH/RAVEL	L	Surface Seal - Rejuvenating	560.00	SqFt	$0.40	$224.00
Taxiway Hotel	TW H	805	WEATH/RAVEL	L	Surface Seal - Rejuvenating	7,730.60	SqFt	$0.40	$3,092.27
Taxiway Hotel	TW H	805	WEATH/RAVEL	M	Surface Seal - Coat Tar	142.70	SqFt	$0.40	$57.09
Taxiway Hotel	TW H	807	WEATH/RAVEL	L	Surface Seal - Rejuvenating	193.80	SqFt	$0.40	$77.51
Taxiway Juliet	TW J	1005	WEATH/RAVEL	L	Surface Seal - Rejuvenating	1,929.20	SqFt	$0.40	$771.69
Taxiway Juliet	TW J	1010	WEATH/RAVEL	L	Surface Seal - Rejuvenating	412.30	SqFt	$0.40	$164.93
Taxiway Lima	TW L	1206	WEATH/RAVEL	L	Surface Seal - Rejuvenating	53,602.50	SqFt	$0.40	$21,441.18
Taxiway Lima	TW L	1206	WEATH/RAVEL	M	Surface Seal - Coat Tar	661.80	SqFt	$0.40	$264.71
Taxiway Lima	TW L	1210	WEATH/RAVEL	L	Surface Seal - Rejuvenating	2,378.00	SqFt	$0.40	$951.22
Taxiway Mike	TW M	1315	WEATH/RAVEL	L	Surface Seal - Rejuvenating	165.00	SqFt	$0.40	$66.00
Taxiway November	TW N	1405	WEATH/RAVEL	M	Surface Seal - Coat Tar	20.00	SqFt	$0.40	$8.00
Taxiway November	TW N	1405	WEATH/RAVEL	L	Surface Seal - Rejuvenating	3,600.00	SqFt	$0.40	$1,440.00
Taxiway November	TW N	1415	WEATH/RAVEL	L	Surface Seal - Rejuvenating	17,999.90	SqFt	$0.40	$7,200.00
Taxiway November	TW N	1425	WEATH/RAVEL	L	Surface Seal - Rejuvenating	199.10	SqFt	$0.40	$79.64
Taxiway November	TW N	1430	WEATH/RAVEL	L	Surface Seal - Rejuvenating	60.00	SqFt	$0.40	$24.00
Taxiway Papa	TW P	1605	WEATH/RAVEL	L	Surface Seal - Rejuvenating	9,823.80	SqFt	$0.40	$3,929.57
Taxiway Papa	TW P	1610	WEATH/RAVEL	L	Surface Seal - Rejuvenating	3,149.90	SqFt	$0.40	$1,259.96
								Total =	$170,840.74

The 10 year forecast results are shown in Figure 6-1, illustrating the effect on pavement condition (PCI) of doing no maintenance versus having unlimited funds and performing all M&R actions based on the policies.

Figure 6-1: Budget Scenario Analysis



The following network level observations can be made from the figure above:

- The PCI will deteriorate from an average of 83 in 2012 to an average of 65 in ten years if no M&R activities are performed. Specific pavement sections may be closer to critical condition as identified by the immediate needs in Table IV. Estimated PCI ratings are presented in Appendix D.
- The PCI will remain at or above an average of 79 through the 10-year analysis period under the unlimited budget scenario. A 2021 PCI average of 79 with this scenario is 14 PCI points higher than a "No M&R" scenario. The total cost for Major M&R over this 10-year period is about $5.5 million.

7. MAINTENANCE AND REHABILITATION PLAN

The M&R analysis results include activities that likely exceed a typical annual budget level. These activities would need to be evaluated for feasibility and desirability based on the airport's future plans. In an effort to identify appropriate budget levels, the 10 year M&R analysis was evaluated to determine levels needed to address several specific areas: preventive maintenance, major activities for pavements in poor condition (Major M&R for PCIs less than Critical), and activities that would be desirable to preserve good pavement conditions where they exist (Major M&R for PCI greater than or equal to Critical).

Table 7-1 provides the summary results under the critical PCI unlimited funding scenario.

Table 7-1: M&R Costs under Unlimited Funding Scenario

Year	Preventative	Major M&R	Total Year Cost
2012	$170,840.72	$2,115,428.73	$2,286,269.45
2013	$305,308.81	$0.00	$305,308.81
2014	$327,939.38	$301,072.45	$629,011.83
2015	$357,086.98	$154,589.30	$511,676.28
2016	$250,180.95	$1,831,818.39	$2,081,999.34
2017	$260,401.44	$475,131.69	$735,533.13
2018	$323,946.07	$0.00	$323,946.07
2019	$350,050.11	$438,540.57	$788,590.69
2020	$416,224.00	$70,815.98	$487,039.98
2021	$488,988.57	$138,412.30	$627,400.87
Total	**$3,250,967.03**	**$5,525,809.41**	**$8,776,776.45**

Note: Costs are adjusted for inflation.

Approximately 38% of the total Major M&R cost is required in the first year (2012). According to the 2012 inspections, the following pavement sections were in immediate need of Major M&R Activity:

- **Run-Up Apron at RW 13** – Asphalt pavement mill and overlay.
- **Taxiway Bravo** – Asphalt pavement mill and overlay.
- **Taxiway Charlie** – Asphalt pavement mill and overlay.
- **Taxiway Echo** – Asphalt pavement mill and overlay.
- **Taxiway Foxtrot** – Asphalt pavement mill and overlay.
- **Taxiway Golf –** Asphalt pavement mill and overlay.
- **Taxiway Mike** – Asphalt pavement mill and overlay.
- **Taxiway November** – Asphalt pavement mill and overlay.

- **Taxiway Quebec** – Asphalt pavement mill and overlay.
- **Taxiway Sierra** – Asphalt pavement mill and overlay.
- **Taxiway S-1** – Asphalt pavement reconstruction.
- **Taxiway S-3** – Asphalt pavement mill and overlay.

The unlimited budget scenario provides the basis for estimating the total repair cost.

Appendix F provides details of M&R plan by year under the unlimited funding scenario, and the map of the 10-year M&R plan is provided in Appendix G. It is important to understand that the SAPMP is a network level tool and the M&R costs provided in this report are only for planning purposes.

8. VISUAL AIDS

8.1 System Inventory and Network Definition Drawings

The System Inventory and Network Definition CADD drawings, which show the airport pavement outline with Branch and Section boundaries and identify changes in the network pavement since the last inspection and the sampling plan, respectively, are included in Appendix A of this report.

8.2 Condition Map

A Condition Map that has been prepared based on data linked to the airport's shape file is included in Appendix B. The Condition Map graphically show the inventory and condition of the airport via color coding shown on the shape file. The coding provides a visual representation that illustrates the PCIs for each pavement section.

8.3 10-Year M&R Map

A 10-Year M&R Map that shows the summary of the M&R plan is attached in Appendix G.

8.4 Photographs

Selected digital photographs taken during the pavement inspection are provided in Appendix H to provide visual support to special pavement conditions or distress observed during the inspection of the airport.

9. RECOMMENDATIONS

Pavement condition inspections were performed at Fort Lauderdale Executive Airport, and a 10-year M&R plan was developed based on the unlimited funding scenario.

The following recommendations were made based on the 2012 condition inspection and M&R analysis results:

- **Run-Up Apron at RW 13** – Asphalt pavement mill and overlay.
- **Taxiway Bravo** – Asphalt pavement mill and overlay.
- **Taxiway Charlie** – Asphalt pavement mill and overlay.
- **Taxiway Echo** – Asphalt pavement mill and overlay.
- **Taxiway Foxtrot** – Asphalt pavement mill and overlay.
- **Taxiway Golf** – Asphalt pavement mill and overlay.
- **Taxiway Mike** – Asphalt pavement mill and overlay.
- **Taxiway November** – Asphalt pavement mill and overlay.
- **Taxiway Quebec** – Asphalt pavement mill and overlay.
- **Taxiway Sierra** – Asphalt pavement mill and overlay.
- **Taxiway S-1** – Asphalt pavement reconstruction.
- **Taxiway S-3** – Asphalt pavement mill and overlay.

Further evaluation of these features is necessary in order to develop repair plans and timing for future budgets since these needs cannot be addressed with typical annual expenditures.

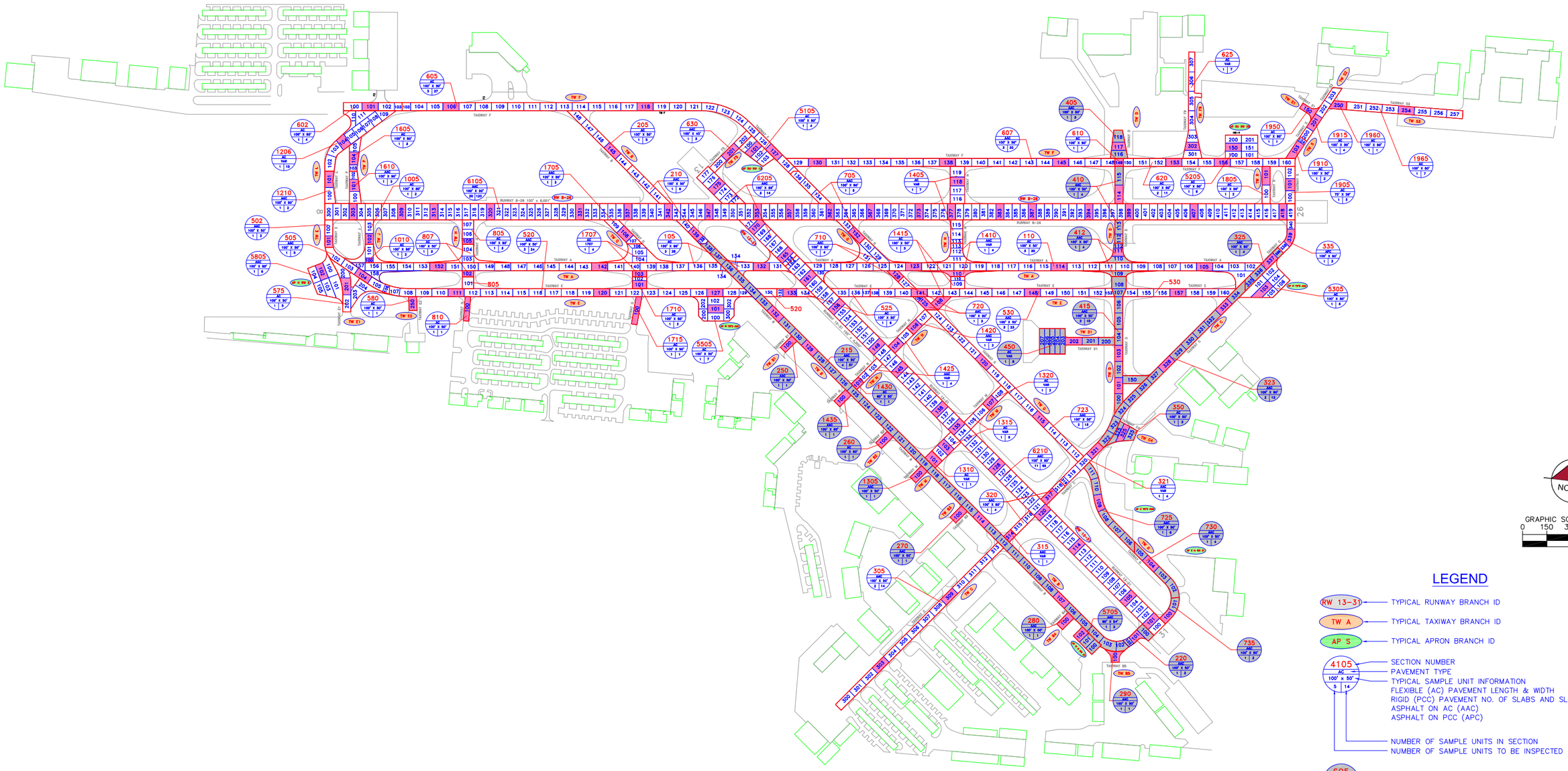
APPENDIX A

NETWORK DEFINITION MAP

SYSTEM INVENTORY MAP

PAVEMENT INVENTORY TABLE

WORK HISTORY REPORT



LEGEND

- RW 13–31 — TYPICAL RUNWAY BRANCH ID
- TW A — TYPICAL TAXIWAY BRANCH ID
- AP S — TYPICAL APRON BRANCH ID
- 4105 / AC / 100' x 50' / 5 | 14 — SECTION NUMBER; PAVEMENT TYPE; TYPICAL SAMPLE UNIT INFORMATION; FLEXIBLE (AC) PAVEMENT LENGTH & WIDTH; RIGID (PCC) PAVEMENT NO. OF SLABS AND SLAB SIZE; ASPHALT ON AC (AAC); ASPHALT ON PCC (APC); NUMBER OF SAMPLE UNITS IN SECTION; NUMBER OF SAMPLE UNITS TO BE INSPECTED
- 605 / AC / 100' x 50' / VAR / 1 | 8 — 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 = 135

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

PLOTTED: June 20, 2012 – 1:42 PM, BY: Burton, George A

NUMBER	DATE	REVISIONS
DESIGNED: NR	DRAWN: GB	CHECKED:	DATE: MAY 2012

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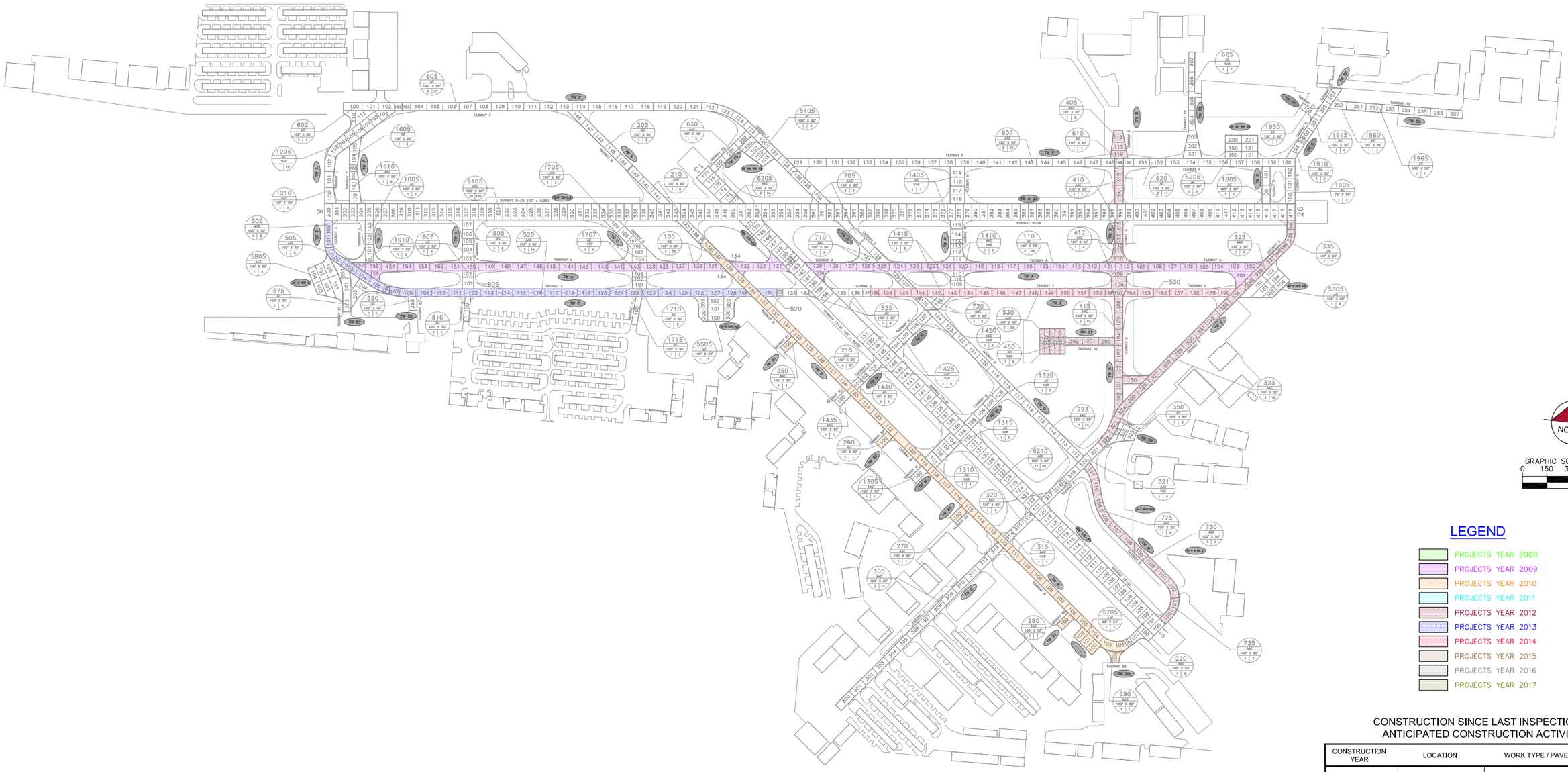
NETWORK DEFINITION MAP

FORT LAUDERDALE EXECUTIVE AIRPORT
BROWARD COUNTY, FLORIDA

FLORIDA DEPARTMENT OF TRANSPORTATION - AVIATION OFFICE

IDENTIFIER: FXE

FDOT DISTRICT: 4



LEGEND

- PROJECTS YEAR 2008
- PROJECTS YEAR 2009
- PROJECTS YEAR 2010
- PROJECTS YEAR 2011
- PROJECTS YEAR 2012
- PROJECTS YEAR 2013
- PROJECTS YEAR 2014
- PROJECTS YEAR 2015
- PROJECTS YEAR 2016
- PROJECTS YEAR 2017

CONSTRUCTION SINCE LAST INSPECTION & ANTICIPATED CONSTRUCTION ACTIVITY

CONSTRUCTION YEAR	LOCATION	WORK TYPE / PAVEMENT SECTION
2009	TAXIWAY ALPHA	RELOCATION OF 6,000' OF TAXIWAY ALPHA WITH NEW PAVEMENT SECTION / RANGER-SOUTH
2010	TAXIWAY BRAVO BETWEEN TAXIWAYS ECHO AND B-5	MILL AND RESURFACE / WEEKLEY ASPHALT, CO.
2012	TAXIWAY CHARLIE, TAXIWAY DELTA, TAXIWAY GOLF	REHABILITATION
2013	TAXIWAY ECHO - WEST SIDE	REHABILITATION
2014	TAXIWAY ECHO - EAST SIDE	REHABILITATION

PLOTTED: June 20, 2012 - 3:20 PM, BY: Burton, George A

NUMBER	DATE	REVISIONS

DESIGNED:	NR	DRAWN:	GB	CHECKED:		DATE:	MAY 2012

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SYSTEM INVENTORY MAP

FORT LAUDERDALE EXECUTIVE AIRPORT
BROWARD COUNTY, FLORIDA

FLORIDA DEPARTMENT OF TRANSPORTATION - AVIATION OFFICE

IDENTIFIER: FXE

FDOT DISTRICT: 4

Table A-1: Pavement Inventory

Branch Name	Branch ID	Branch Use	Section ID	Length (ft)	Width (ft)	True Area (ft^2)	Section Rank	Surface Type	Last Const. Date	Last Insp. Date	Total Samples
West Holding Apron at RW 31	AP HLD 31W	APRON	5705	60	200	12,000	P	AAC	1/1/2010	1/1/2010	3
Holding Apron at RW 8	AP HLD 8	APRON	5805	180	200	35,683	P	AAC	1/1/1996	12/5/1999	6
Holding Apron at TWs A and C	AP HLD A,C	APRON	5305	200	150	33,709	T	AC	1/1/1998	12/5/1999	6
Holding Apron at TWs A and E	AP HLD A,E	APRON	5505	150	200	33,090	P	AC	1/1/1979	12/5/1999	7
Run-Up Apron at RW 13	AP RU RW13	APRON	5105	91	200	18,300	P	AC	1/1/1997	4/4/2012	4
Run-Up Apron at RW 26	AP RU RW26	APRON	5205	150	200	30,000	P	AC	1/1/1998	4/4/2012	6
Runway 13-31	RW 13-31	RUNWAY	6205	634	100	63,400	S	AAC	1/1/2004	4/4/2012	14
Runway 13-31	RW 13-31	RUNWAY	6210	3225	100	322,500	S	AAC	1/1/2007	4/4/2012	65
Runway 8-26	RW 8-26	RUNWAY	6105	6000	100	600,000	T	AAC	1/1/1978	4/4/2012	120
Taxiway Alpha	TW A	TAXIWAY	105	2600	50	138,800	T	AC	1/1/2009	4/4/2012	28
Taxiway Alpha	TW A	TAXIWAY	110	2800	50	150,621	P	AC	1/1/2009	4/4/2012	30
Taxiway Bravo	TW B	TAXIWAY	205	500	50	25,242	P	AAC	1/1/1997	4/4/2012	5
Taxiway Bravo	TW B	TAXIWAY	210	500	50	25,565	P	AAC	1/1/1978	4/4/2012	6
Taxiway Bravo	TW B	TAXIWAY	215	3600	50	181,674	P	AAC	1/1/2010	1/1/2010	37
Taxiway Bravo	TW B	TAXIWAY	220	210	50	10,516	P	AAC	1/1/2010	1/1/2010	3
Taxiway Bravo	TW B	TAXIWAY	250	100	45	4,490	P	AAC	1/1/2010	1/1/2010	1
Taxiway Bravo	TW B	TAXIWAY	270	100	50	5,000	P	AAC	1/1/2010	1/1/2010	1
Taxiway Bravo	TW B	TAXIWAY	280	100	50	5,000	P	AAC	1/1/2010	1/1/2010	1
Taxiway Bravo	TW B	TAXIWAY	290	162	40	6,500	P	AAC	1/1/2010	1/1/2010	1
Taxiway B-2	TW B2	TAXIWAY	260	100	50	5,000	P	AC	1/1/2010	1/1/2010	1
Taxiway Charlie	TW C	TAXIWAY	305	1420	50	71,000	T	AAC	1/1/2007	4/4/2012	14
Taxiway Charlie	TW C	TAXIWAY	315	60	50	3,060	P	AAC	1/1/1978	4/4/2012	1
Taxiway Charlie	TW C	TAXIWAY	320	325	50	16,370	P	AAC	1/1/1997	4/4/2012	4
Taxiway Charlie	TW C	TAXIWAY	321	336	50	16,800	P	AC	1/1/2007	1/1/2007	4

Table A-1: Pavement Inventory (Continued)

Branch Name	Branch ID	Branch Use	Section ID	Length (ft)	Width (ft)	True Area (ft^2)	Section Rank	Surface Type	Last Const. Date	Last Insp. Date	Total Samples
Taxiway Charlie	TW C	TAXIWAY	323	1325	50	66,250	P	AAC	1/1/2013	1/1/2013	13
Taxiway Charlie	TW C	TAXIWAY	325	469	50	23,450	P	AAC	1/1/2013	1/1/2013	4
Taxiway Charlie	TW C	TAXIWAY	335	200	50	10,015	P	APC	1/1/1996	12/5/1999	3
Taxiway C-4	TW C4	TAXIWAY	350	135	100	13,395	P	AC	1/1/2001	1/1/2001	3
Taxiway Delta	TW D	TAXIWAY	405	175	85	14,080	T	AAC	1/1/2013	1/1/2013	3
Taxiway Delta	TW D	TAXIWAY	410	380	50	18,960	P	AAC	1/1/2013	1/1/2013	4
Taxiway Delta	TW D	TAXIWAY	412	155	100	16,550	P	AAC	1/1/2013	1/1/2013	4
Taxiway Delta	TW D	TAXIWAY	415	1030	50	51,515	P	AAC	1/1/2013	1/1/2013	10
Taxiway D-1	TW D1	TAXIWAY	450	465	85	39,595	P	AAC	1/1/2013	1/1/2013	8
Taxiway Echo	TW E	TAXIWAY	502	170	50	8,490	T	AAC	7/1/2013	7/1/2013	2
Taxiway Echo	TW E	TAXIWAY	505	466	50	23,328	P	AAC	7/1/2013	7/1/2013	5
Taxiway Echo	TW E	TAXIWAY	520	2315	50	115,800	P	AAC	7/1/2013	7/1/2013	24
Taxiway Echo	TW E	TAXIWAY	525	435	50	21,750	P	AC	1/1/2007	4/4/2012	6
Taxiway Echo	TW E	TAXIWAY	530	2202	50	110,100	P	AAC	7/1/2014	7/1/2014	23
Taxiway Echo	TW E	TAXIWAY	575	200	160	32,440	P	AC	1/1/1979	4/4/2012	5
Taxiway Echo	TW E	TAXIWAY	580	85	50	4,255	P	AC	1/1/1978	4/4/2012	1
Taxiway Foxtrot	TW F	TAXIWAY	602	360	50	18,170	T	AC	1/1/1998	4/4/2012	4
Taxiway Foxtrot	TW F	TAXIWAY	605	2570	50	128,538	P	AAC	1/1/1996	4/4/2012	27
Taxiway Foxtrot	TW F	TAXIWAY	607	2020	50	100,495	P	AAC	1/1/1998	4/4/2012	20
Taxiway Foxtrot	TW F	TAXIWAY	610	50	50	2,500	P	AAC	1/1/1997	12/5/1999	1
Taxiway Foxtrot	TW F	TAXIWAY	620	1060	50	53,100	P	AC	1/1/1998	4/4/2012	11
Taxiway Foxtrot	TW F	TAXIWAY	630	325	45	14,625	P	AC	1/1/1996	4/3/2012	3
Taxiway F-9	TW F9	TAXIWAY	625	500	85	41,865	P	AC	1/1/1999	4/4/2012	7
Taxiway Golf	TW G	TAXIWAY	705	550	40	22,000	P	AC	1/1/1984	12/5/1999	5

Table A-1: Pavement Inventory (Continued)

Branch Name	Branch ID	Branch Use	Section ID	Length (ft)	Width (ft)	True Area (ft^2)	Section Rank	Surface Type	Last Const. Date	Last Insp. Date	Total Samples
Taxiway Golf	TW G	TAXIWAY	710	200	100	20,110	P	AC	1/1/1991	12/5/1999	4
Taxiway Golf	TW G	TAXIWAY	720	200	50	9,875	P	AC	1/1/1984	12/5/1999	3
Taxiway Golf	TW G	TAXIWAY	723	1300	50	65,000	P	AC	1/1/1984	1/1/1984	13
Taxiway Golf	TW G	TAXIWAY	725	550	50	27,540	P	AAC	1/1/2013	1/1/2013	6
Taxiway Golf	TW G	TAXIWAY	730	410	50	20,545	P	AAC	1/1/2013	1/1/2013	4
Taxiway Golf	TW G	TAXIWAY	735	171	50	8,567	P	AAC	1/1/2013	1/1/2013	2
Taxiway Hotel	TW H	TAXIWAY	805	223	70	15,610	P	AC	1/1/2004	4/4/2012	3
Taxiway Hotel	TW H	TAXIWAY	807	218	70	15,260	P	AC	1/1/2010	4/4/2012	3
Taxiway Hotel	TW H	TAXIWAY	810	146	35	5,110	P	AC	1/1/1997	1/1/1997	1
Taxiway Juliet	TW J	TAXIWAY	1005	152	50	7,600	P	AC	1/1/2004	4/4/2012	2
Taxiway Juliet	TW J	TAXIWAY	1010	105	120	12,370	P	AC	1/1/2010	4/4/2012	2
Taxiway Lima	TW L	TAXIWAY	1206	550	90	49,690	P	AC	1/1/1995	4/4/2012	10
Taxiway Lima	TW L	TAXIWAY	1210	226	50	11,324	P	AAC	1/1/2004	4/4/2012	2
Taxiway Mike	TW M	TAXIWAY	1305	100	50	5,000	T	AAC	1/1/2010	1/1/2010	1
Taxiway Mike	TW M	TAXIWAY	1310	60	90	5,473	P	AC	1/1/1984	12/5/1999	1
Taxiway Mike	TW M	TAXIWAY	1315	275	90	24,612	P	AC	1/1/1984	4/4/2012	5
Taxiway Mike	TW M	TAXIWAY	1320	160	60	9,666	P	AC	1/1/1984	4/4/2012	2
Taxiway November	TW N	TAXIWAY	1405	750	40	30,000	T	AC	1/1/1986	4/4/2012	7
Taxiway November	TW N	TAXIWAY	1410	155	120	18,893	P	AAC	1/1/2010	1/1/2010	4
Taxiway November	TW N	TAXIWAY	1415	200	60	11,710	P	AC	1/1/1984	4/4/2012	3
Taxiway November	TW N	TAXIWAY	1420	160	60	9,715	P	AAC	1/1/1984	4/4/2012	2
Taxiway November	TW N	TAXIWAY	1425	300	60	18,030	P	AAC	1/1/1998	4/4/2012	4
Taxiway November	TW N	TAXIWAY	1430	60	50	3,000	P	AC	1/1/2010	4/4/2012	1
Taxiway November	TW N	TAXIWAY	1435	100	50	5,000	P	AAC	1/1/2010	1/1/2010	1

Table A-1: Pavement Inventory (Continued)

Branch Name	Branch ID	Branch Use	Section ID	Length (ft)	Width (ft)	True Area (ft^2)	Section Rank	Surface Type	Last Const. Date	Last Insp. Date	Total Samples
Taxiway Papa	TW P	TAXIWAY	1605	213	50	10,660	P	AC	1/1/1997	4/4/2012	3
Taxiway Papa	TW P	TAXIWAY	1610	242	50	12,115	P	AAC	1/1/2004	4/4/2012	3
Taxiway Quebec	TW Q	TAXIWAY	1705	180	75	13,455	P	AAC	1/1/2004	4/4/2012	3
Taxiway Quebec	TW Q	TAXIWAY	1707	280	85	24,000	P	AC	1/1/2010	4/4/2012	4
Taxiway Quebec	TW Q	TAXIWAY	1710	75	85	6,421	P	AC	1/1/1999	4/4/2012	2
Taxiway Quebec	TW Q	TAXIWAY	1715	170	35	6,040	P	AC	1/1/1997	4/4/2012	1
Taxiway Romeo	TW R	TAXIWAY	1805	230	50	11,500	P	AC	1/1/1999	4/4/2012	2
Taxiway Sierra	TW S	TAXIWAY	1905	270	50	13,570	P	AC	1/1/1999	4/4/2012	3
Taxiway Sierra	TW S	TAXIWAY	1910	145	50	7,245	P	AC	1/1/1999	4/4/2012	2
Taxiway Sierra	TW S	TAXIWAY	1915	380	50	18,995	P	AC	1/1/1999	4/4/2012	4
Taxiway S-1	TW S1	TAXIWAY	1950	115	40	4,590	P	AC	1/1/1999	4/4/2012	1
Taxiway S-3	TW S3	TAXIWAY	1960	95	50	4,781	P	AC	1/1/1999	4/4/2012	1
Taxiway S-3	TW S3	TAXIWAY	1965	720	50	36,000	P	AC	1/1/1999	4/4/2012	7

Note: If a new construction, then survey date = last construction date and PCI is set to 100 by MicroPAVER.

Sections not surveyed due to reasons such as re-sectioning, no escort, not accessible at the time of survey.

Network: FXE **Branch:** AP HLD 31W (WEST HOLDING APRON AT RW 31) **Section:** 5705 **Surface:** AAC
L.C.D.: 01/01/2010 **Use:** APRON **Rank:** P **Length:** 60.00 Ft **Width:** 200.00 Ft **True Area:** 12,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1998	IMPORTED	REPAIR			False	ESTIMATE 1998 AC PAVEMENT
01/01/1988	IMPORTED	BUILT		2.00	True	1988 2" P401 12" P211

Network: FXE **Branch:** AP HLD 8 (HOLDING APRON AT RW 8) **Section:** 5805 **Surface:** AAC
L.C.D.: 01/01/1996 **Use:** APRON **Rank:** P **Length:** 180.00 Ft **Width:** 200.00 Ft **True Area:** 35.683.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1996	IMPORTED	OVERLAY			True	ESTIMATE 1996 AC PAVEMENT
01/01/1978	IMPORTED	OVERLAY		3.00	True	1978 3" MINIMUM AC OVERLAY
01/01/1967	IMPORTED	BUILT		1.00	True	1967 1" AC 6" LIMEROCK

Network: FXE **Branch:** AP HLD A,C (HOLDING APRON AT TWS A AND C) **Section:** 5305 **Surface:** AC
L.C.D.: 01/01/1998 **Use:** APRON **Rank:** T **Length:** 200.00 Ft **Width:** 150.00 Ft **True Area:** 33.709.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1998	IMPORTED	OVERLAY			True	ESTIMATE 1998 AC PAVEMENT
01/01/1978	IMPORTED	BUILT		4.00	True	1978 4" AC ON 8" LIMEROCK

Network: FXE **Branch:** AP HLD A,E (HOLDING APRON AT TW A AND E) **Section:** 5505 **Surface:** AC
L.C.D.: 01/01/1979 **Use:** APRON **Rank:** P **Length:** 150.00 Ft **Width:** 200.00 Ft **True Area:** 33.090.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1979	IMPORTED	BUILT		4.00	True	1979 4" BIT 8" LIMEROCK

Network: FXE **Branch:** AP RU RW13 (RUN-UP APRON AT RW 13) **Section:** 5105 **Surface:** AC
L.C.D.: 01/01/1997 **Use:** APRON **Rank:** P **Length:** 91.50 Ft **Width:** 200.00 Ft **True Area:** 18,300.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1997	IMPORTED	OVERLAY			True	ESTIMATE 1997 AC PAVEMENT
01/01/1988	IMPORTED	BUILT		2.00	True	1988 2" P401 12" P211

Network: FXE **Branch:** AP RU RW26 (RUN-UP APRON AT RW 26) **Section:** 5205 **Surface:** AC
L.C.D.: 01/01/1998 **Use:** APRON **Rank:** P **Length:** 150.00 Ft **Width:** 200.00 Ft **True Area:** 30.000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1998	IMPORTED	BUILT		3.00	True	1998 3" P401 10" P211 12" P152

Network: FXE **Branch:** RW 13-31 (RUNWAY 13-31) **Section:** 6205 **Surface:** AAC
L.C.D.: 01/01/2004 **Use:** RUNWAY **Rank:** S **Length:** 634.00 Ft **Width:** 100.00 Ft **True Area:** 63.400.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2004	OL-AC	Overlay-AC	$0	0.00	True	
01/01/1978	IMPORTED	OVERLAY		0.75	True	UNK .75" BIT ON LIMEROCK
01/01/1978	IMPORTED	OVERLAY		3.00	True	1978 3" MIN BIT OL
01/01/1967	IMPORTED	BUILT		1.00	True	1967 1" BIT OL

Network: FXE **Branch:** RW 13-31 (RUNWAY 13-31) **Section:** 6210 **Surface:** AAC
L.C.D.: 01/01/2007 **Use:** RUNWAY **Rank:** S **Length:** 3,225.00 Ft **Width:** 100.00 Ft **True Area:** 322,500.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2007	OL-AC	Overlay-AC	$0	0.00	True	
01/01/1978	INITIAL	Initial Construction	$0	0.00	True	

Network: FXE **Branch:** RW 8-26 (RUNWAY 8-26) **Section:** 6105 **Surface:** AAC
L.C.D.: 01/01/1978 **Use:** RUNWAY **Rank:** T **Length:** 6,000.00 Ft **Width:** 100.00 Ft **True Area:** 600,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1978	IMPORTED	OVERLAY		3.00	True	1978 3" MIN BIT OL
01/01/1967	IMPORTED	BUILT		2.00	True	1967 2" BIT 6" LIMEROCK

Network: FXE **Branch:** TW A (TAXIWAY A) **Section:** 105 **Surface:** AC
L.C.D.: 01/01/2009 **Use:** TAXIWAY **Rank:** T **Length:** 2,600.00 Ft **Width:** 50.00 Ft **True Area:** 138,800.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2009	IMPORTED	BUILT		0.00	True	

Network: FXE **Branch:** TW A (TAXIWAY A) **Section:** 110 **Surface:** AC
L.C.D.: 01/01/2009 **Use:** TAXIWAY **Rank:** P **Length:** 2,800.00 Ft **Width:** 50.00 Ft **True Area:** 150,621.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2009	IMPORTED	BUILT		0.00	True	1967 1" BIT 6" LIMEROCK

Network: FXE **Branch:** TW B (TAXIWAY B) **Section:** 205 **Surface:** AAC
L.C.D.: 01/01/1997 **Use:** TAXIWAY **Rank:** P **Length:** 500.00 Ft **Width:** 50.00 Ft **True Area:** 25,242.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1997	IMPORTED	OVERLAY			True	ESTIMATE 1997 AC PAVEMENT
01/01/1986	IMPORTED	BUILT		2.00	True	1986 2" P401 12" P211

Network: FXE **Branch:** TW B (TAXIWAY B) **Section:** 210 **Surface:** AAC
L.C.D.: 01/01/1978 **Use:** TAXIWAY **Rank:** P **Length:** 500.00 Ft **Width:** 50.00 Ft **True Area:** 25,565.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1978	IMPORTED	OVERLAY		3.00	True	1978 3" MIN P401 OL
01/01/1964	IMPORTED	BUILT		1.00	True	1964 1" BIT 6" LIMEROCK

Network: FXE **Branch:** TW B (TAXIWAY B) **Section:** 215 **Surface:** AAC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 3,600.00 Ft **Width:** 50.00 Ft **True Area:** 181,674.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1978	IMPORTED	OVERLAY			True	UNKNOWN BIT
01/01/1978	IMPORTED	BUILT		3.00	True	1978 3" MIN P401 OL

Network: FXE **Branch:** TW B (TAXIWAY B) **Section:** 220 **Surface:** AAC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 210.00 Ft **Width:** 50.00 Ft **True Area:** 10,516.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1978	IMPORTED	BUILT		3.00	True	1978 3" MIN BIT OL ON EXISTING

Network: FXE **Branch:** TW B (TAXIWAY B) **Section:** 250 **Surface:** AAC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 100.00 Ft **Width:** 45.00 Ft **True Area:** 4,490.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1975	IMPORTED	BUILT			True	EST 1975 BIT

Network: FXE **Branch:** TW B (TAXIWAY B) **Section:** 270 **Surface:** AAC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 100.00 Ft **Width:** 50.00 Ft **True Area:** 5,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1975	IMPORTED	BUILT			True	EST 1975 BIT

Network: FXE **Branch:** TW B (TAXIWAY B) **Section:** 280 **Surface:** AAC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 100.00 Ft **Width:** 50.00 Ft **True Area:** 5,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1965	IMPORTED	BUILT			True	EST 1965 BIT

Network: FXE **Branch:** TW B (TAXIWAY B) **Section:** 290 **Surface:** AAC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 162.50 Ft **Width:** 40.00 Ft **True Area:** 6,500.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1965	IMPORTED	BUILT			True	EST 1965 BIT

Network: FXE **Branch:** TW B2 (TAXIWAY B2) **Section:** 260 **Surface:** AC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 100.00 Ft **Width:** 50.00 Ft **True Area:** 5,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	INITIAL	Initial Construction	$0	0.00	True	

Network: FXE **Branch:** TW C (TAXIWAY C) **Section:** 305 **Surface:** AAC
L.C.D.: 01/01/2007 **Use:** TAXIWAY **Rank:** T **Length:** 1,420.00 Ft **Width:** 50.00 Ft **True Area:** 71,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2007	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1996	IMPORTED	OVERLAY			True	EXISITING AC PAVEMENT
01/01/1996	IMPORTED	BUILT			True	ESTIMATE 1996 AC OVERLAY

Network: FXE **Branch:** TW C (TAXIWAY C) **Section:** 315 **Surface:** AAC
L.C.D.: 01/01/1978 **Use:** TAXIWAY **Rank:** P **Length:** 60.00 Ft **Width:** 50.00 Ft **True Area:** 3,060.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1978	IMPORTED	OVERLAY		3.00	True	1978 3" BIT OL
01/01/1967	IMPORTED	BUILT		2.00	True	1967 2" BIT 6" LIMEROCK

Network: FXE **Branch:** TW C (TAXIWAY C) **Section:** 320 **Surface:** AAC
L.C.D.: 01/01/1997 **Use:** TAXIWAY **Rank:** P **Length:** 325.00 Ft **Width:** 50.00 Ft **True Area:** 16,370.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1997	IMPORTED	OVERLAY			True	EST 1997 AC PAVEMENT
01/01/1991	IMPORTED	OVERLAY			True	1991 AC OVERLAY
01/01/1978	IMPORTED	BUILT		3.00	True	1978 3" AC OVERLAY

Network: FXE **Branch:** TW C (TAXIWAY C) **Section:** 321 **Surface:** AC
L.C.D.: 01/01/2007 **Use:** TAXIWAY **Rank:** P **Length:** 336.00 Ft **Width:** 50.00 Ft **True Area:** 16,800.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2007	INITIAL	Initial Construction	$0	0.00	True	

Network: FXE **Branch:** TW C (TAXIWAY C) **Section:** 323 **Surface:** AAC
L.C.D.: 01/01/2013 **Use:** TAXIWAY **Rank:** P **Length:** 1,325.00 Ft **Width:** 50.00 Ft **True Area:** 66,250.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2013	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/2007	INITIAL	Initial Construction	$0	0.00	True	

Network: FXE **Branch:** TW C (TAXIWAY C) **Section:** 325 **Surface:** AAC
L.C.D.: 01/01/2013 **Use:** TAXIWAY **Rank:** P **Length:** 469.00 Ft **Width:** 50.00 Ft **True Area:** 23,450.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2013	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1978	IMPORTED	BUILT		3.00	True	1978 3" BIT OL

Network: FXE **Branch:** TW C (TAXIWAY C) **Section:** 335 **Surface:** APC
L.C.D.: 01/01/1996 **Use:** TAXIWAY **Rank:** P **Length:** 200.00 Ft **Width:** 50.00 Ft **True Area:** 10,015.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1996	IMPORTED	OVERLAY		1.50	True	1996 1.5" P401
01/01/1978	IMPORTED	OVERLAY		3.00	True	1978 3" P401
01/01/1967	IMPORTED	BUILT		1.00	True	1967 1" P401 8" P211

Network: FXE **Branch:** TW C4 (TAXIWAY C4) **Section:** 350 **Surface:** AC
L.C.D.: 01/01/2001 **Use:** TAXIWAY **Rank:** P **Length:** 135.00 Ft **Width:** 100.00 Ft **True Area:** 13,395.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2001	INITIAL	Initial Construction	$0	0.00	True	estimated date

Network: FXE **Branch:** TW D (TAXIWAY D) **Section:** 405 **Surface:** AAC
L.C.D.: 01/01/2013 **Use:** TAXIWAY **Rank:** T **Length:** 175.00 Ft **Width:** 85.00 Ft **True Area:** 14,080.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2013	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1998	IMPORTED	OVERLAY			True	ESTIMATE 1998 AC PAVEMENT
01/01/1978	IMPORTED	BUILT		3.00	True	1978 3" AC OVERLAY

Network: FXE **Branch:** TW D (TAXIWAY D) **Section:** 410 **Surface:** AAC
L.C.D.: 01/01/2013 **Use:** TAXIWAY **Rank:** P **Length:** 380.00 Ft **Width:** 50.00 Ft **True Area:** 18,960.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2013	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1978	IMPORTED	BUILT		3.00	True	1978 3" BIT OL
01/01/1978	IMPORTED	OVERLAY		1.00	True	UNK 1" BIT OL

Network: FXE **Branch:** TW D (TAXIWAY D) **Section:** 412 **Surface:** AAC
L.C.D.: 01/01/2013 **Use:** TAXIWAY **Rank:** P **Length:** 155.00 Ft **Width:** 100.00 Ft **True Area:** 16,550.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2013	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/2010	INITIAL	Initial Construction	$0	0.00	True	

Network: FXE **Branch:** TW D (TAXIWAY D) **Section:** 415 **Surface:** AAC
L.C.D.: 01/01/2013 **Use:** TAXIWAY **Rank:** P **Length:** 1,030.00 Ft **Width:** 50.00 Ft **True Area:** 51,515.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2013	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1978	IMPORTED	BUILT		3.00	True	1978 3" BIT OL

Network: FXE **Branch:** TW D1 (TAXIWAY D1) **Section:** 450 **Surface:** AAC
L.C.D.: 01/01/2013 **Use:** TAXIWAY **Rank:** P **Length:** 465.00 Ft **Width:** 85.00 Ft **True Area:** 39,595.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2013	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1997	INITIAL	Initial Construction	$0	0.00	True	estimated date of last const.

Network: FXE **Branch:** TW E (TAXIWAY E) **Section:** 502 **Surface:** AAC
L.C.D.: 07/01/2013 **Use:** TAXIWAY **Rank:** T **Length:** 170.00 Ft **Width:** 50.00 Ft **True Area:** 8,490.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
07/01/2013	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1978	IMPORTED	BUILT			True	EST 1978 BIT

Network: FXE **Branch:** TW E (TAXIWAY E) **Section:** 505 **Surface:** AAC
L.C.D.: 07/01/2013 **Use:** TAXIWAY **Rank:** P **Length:** 466.00 Ft **Width:** 50.00 Ft **True Area:** 23,328.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
07/01/2013	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1979	IMPORTED	BUILT		4.00	True	1979 4" BIT 8" LIMEROCK

Network: FXE **Branch:** TW E (TAXIWAY E) **Section:** 520 **Surface:** AAC
L.C.D.: 07/01/2013 **Use:** TAXIWAY **Rank:** P **Length:** 2,315.00 Ft **Width:** 50.00 Ft **True Area:** 115,800.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
07/01/2013	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1997	IMPORTED	OVERLAY			True	EST 1997 AC PAVEMENT
01/01/1991	IMPORTED	BUILT		3.00	True	1991: 3" P401 9" P211

Network: FXE **Branch:** TW E (TAXIWAY E) **Section:** 525 **Surface:** AC
L.C.D.: 01/01/2007 **Use:** TAXIWAY **Rank:** P **Length:** 435.00 Ft **Width:** 50.00 Ft **True Area:** 21,750.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2007	INITIAL	Initial Construction	$0	0.00	True	

Network: FXE **Branch:** TW E (TAXIWAY E) **Section:** 530 **Surface:** AAC
L.C.D.: 07/01/2014 **Use:** TAXIWAY **Rank:** P **Length:** 2,202.00 Ft **Width:** 50.00 Ft **True Area:** 110,100.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
07/01/2014	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/2008	INITIAL	Initial Construction	$0	0.00	True	

Network: FXE **Branch:** TW E (TAXIWAY E) **Section:** 575 **Surface:** AC
L.C.D.: 01/01/1979 **Use:** TAXIWAY **Rank:** P **Length:** 200.00 Ft **Width:** 160.00 Ft **True Area:** 32,440.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1979	IMPORTED	BUILT			True	EST 1979 BIT

Network: FXE **Branch:** TW E (TAXIWAY E) **Section:** 580 **Surface:** AC
L.C.D.: 01/01/1978 **Use:** TAXIWAY **Rank:** P **Length:** 85.00 Ft **Width:** 50.00 Ft **True Area:** 4,255.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1978	IMPORTED	BUILT			True	EST 1978 BIT

Network: FXE **Branch:** TW F (TAXIWAY F) **Section:** 602 **Surface:** AC
L.C.D.: 01/01/1998 **Use:** TAXIWAY **Rank:** T **Length:** 360.00 Ft **Width:** 50.00 Ft **True Area:** 18,170.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1998	IMPORTED	BUILT		5.00	True	1998 5" P401 AC SURFACE ON 10" P211 LIMEROCK BASE ON 12" P152 SUBBASE*

Network: FXE **Branch:** TW F (TAXIWAY F) **Section:** 605 **Surface:** AAC
L.C.D.: 01/01/1996 **Use:** TAXIWAY **Rank:** P **Length:** 2,570.00 Ft **Width:** 50.00 Ft **True Area:** 128,538.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1996	IMPORTED	OVERLAY			True	EST 1996 AC PAVEMENT
01/01/1987	IMPORTED	BUILT		2.00	True	1987 2" P401 12" P211

Network: FXE **Branch:** TW F (TAXIWAY F) **Section:** 607 **Surface:** AAC
L.C.D.: 01/01/1998 **Use:** TAXIWAY **Rank:** P **Length:** 2,020.00 Ft **Width:** 50.00 Ft **True Area:** 100,495.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1998	IMPORTED	BUILT			True	EST 1998 PATCH MAINT.
01/01/1998	IMPORTED	OVERLAY			True	EXISTING AC PAVEMENT

Network: FXE **Branch:** TW F (TAXIWAY F) **Section:** 610 **Surface:** AAC
L.C.D.: 01/01/1997 **Use:** TAXIWAY **Rank:** P **Length:** 50.00 Ft **Width:** 50.00 Ft **True Area:** 2,500.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1997	IMPORTED	BUILT		2.00	True	2" P401 12" P211
01/01/1997	IMPORTED	OVERLAY			True	ESTIMATE 1997 AC PAVEMENT

Network: FXE **Branch:** TW F (TAXIWAY F) **Section:** 620 **Surface:** AC
L.C.D.: 01/01/1998 **Use:** TAXIWAY **Rank:** P **Length:** 1,060.00 Ft **Width:** 50.00 Ft **True Area:** 53,100.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1998	IMPORTED	BUILT		3.00	True	1998 3" P401 10" P211 12" P152

Network: FXE **Branch:** TW F (TAXIWAY F) **Section:** 630 **Surface:** AC
L.C.D.: 01/01/1996 **Use:** TAXIWAY **Rank:** P **Length:** 325.00 Ft **Width:** 45.00 Ft **True Area:** 14,625.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1996	INITIAL	Initial Construction	$0	0.00	True	

Network: FXE **Branch:** TW F9 (TAXIWAY F9) **Section:** 625 **Surface:** AC
L.C.D.: 01/01/1999 **Use:** TAXIWAY **Rank:** P **Length:** 500.00 Ft **Width:** 85.00 Ft **True Area:** 41,865.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1999	INITIAL	Initial Construction	$0	0.00	True	

Network: FXE **Branch:** TW G (TAXIWAY G) **Section:** 705 **Surface:** AC
L.C.D.: 01/01/1984 **Use:** TAXIWAY **Rank:** P **Length:** 550.00 Ft **Width:** 40.00 Ft **True Area:** 22,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1984	IMPORTED	BUILT		2.00	True	1984 2" P401 12" P211

Network: FXE **Branch:** TW G (TAXIWAY G) **Section:** 710 **Surface:** AC
L.C.D.: 01/01/1991 **Use:** TAXIWAY **Rank:** P **Length:** 200.00 Ft **Width:** 100.00 Ft **True Area:** 20,110.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments

01/01/1991	IMPORTED	BUILT			True	1991 BIT ON RECYCLED BIT

Network: FXE **Branch:** TW G (TAXIWAY G) **Section:** 720 **Surface:** AC
L.C.D.: 01/01/1984 **Use:** TAXIWAY **Rank:** P **Length:** 200.00 Ft **Width:** 50.00 Ft **True Area:** 9,875.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1996	IMPORTED	REPAIR			False	ESTIMATE 1996 AC PAVEMENT
01/01/1984	IMPORTED	BUILT		2.00	True	1984 2" P401 10" P211 8" STAB SUBBASE

Network: FXE **Branch:** TW G (TAXIWAY G) **Section:** 723 **Surface:** AC
L.C.D.: 01/01/1984 **Use:** TAXIWAY **Rank:** P **Length:** 1,300.00 Ft **Width:** 50.00 Ft **True Area:** 65,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1984	INITIAL	Initial Construction	$0	0.00	True	

Network: FXE **Branch:** TW G (TAXIWAY G) **Section:** 725 **Surface:** AAC
L.C.D.: 01/01/2013 **Use:** TAXIWAY **Rank:** P **Length:** 550.00 Ft **Width:** 50.00 Ft **True Area:** 27,540.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2013	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1984	IMPORTED	BUILT		2.00	True	1984 2" P401 10" P211

Network: FXE **Branch:** TW G (TAXIWAY G) **Section:** 730 **Surface:** AAC
L.C.D.: 01/01/2013 **Use:** TAXIWAY **Rank:** P **Length:** 410.00 Ft **Width:** 50.00 Ft **True Area:** 20,545.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2013	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1979	IMPORTED	BUILT		4.00	True	1979 4" BIT 8" LIMEROCK

Network: FXE **Branch:** TW G (TAXIWAY G) **Section:** 735 **Surface:** AAC
L.C.D.: 01/01/2013 **Use:** TAXIWAY **Rank:** P **Length:** 171.00 Ft **Width:** 50.00 Ft **True Area:** 8,567.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2013	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1978	IMPORTED	BUILT		3.00	True	1978 3" BIT OL

Network: FXE **Branch:** TW H (TAXIWAY H) **Section:** 805 **Surface:** AC
L.C.D.: 01/01/2004 **Use:** TAXIWAY **Rank:** P **Length:** 223.00 Ft **Width:** 70.00 Ft **True Area:** 15,610.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2004	INITIAL	Initial Construction	$0	0.00	True	

Network: FXE **Branch:** TW H (TAXIWAY H) **Section:** 807 **Surface:** AC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 218.00 Ft **Width:** 70.00 Ft **True Area:** 15,260.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	INITIAL	Initial Construction	$0	0.00	True	

Network: FXE **Branch:** TW H (TAXIWAY H) **Section:** 810 **Surface:** AC
L.C.D.: 01/01/1997 **Use:** TAXIWAY **Rank:** P **Length:** 146.00 Ft **Width:** 35.00 Ft **True Area:** 5,110.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1997	INITIAL	Initial Construction	$0	0.00	True	estimated date

Network: FXE **Branch:** TW J (TAXIWAY J) **Section:** 1005 **Surface:** AC
L.C.D.: 01/01/2004 **Use:** TAXIWAY **Rank:** P **Length:** 152.00 Ft **Width:** 50.00 Ft **True Area:** 7,600.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2004	INITIAL	Initial Construction	$0	0.00	True	

Network: FXE **Branch:** TW J (TAXIWAY J) **Section:** 1010 **Surface:** AC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 105.00 Ft **Width:** 120.00 Ft **True Area:** 12,370.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	INITIAL	Initial Construction	$0	0.00	True	

Network: FXE **Branch:** TW L (TAXIWAY L) **Section:** 1206 **Surface:** AC
L.C.D.: 01/01/1995 **Use:** TAXIWAY **Rank:** P **Length:** 550.00 Ft **Width:** 90.00 Ft **True Area:** 49,690.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1995	IMPORTED	BUILT		2.00	True	1995 2" P401 10" P211 12" P152

Network: FXE **Branch:** TW L (TAXIWAY L) **Section:** 1210 **Surface:** AAC
L.C.D.: 01/01/2004 **Use:** TAXIWAY **Rank:** P **Length:** 226.00 Ft **Width:** 50.00 Ft **True Area:** 11,324.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2004	OL-AC	Overlay-AC	$0	0.00	True	
01/01/1995	INITIAL	Initial Construction	$0	0.00	True	

Network: FXE **Branch:** TW M (TAXIWAY M) **Section:** 1305 **Surface:** AAC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** T **Length:** 100.00 Ft **Width:** 50.00 Ft **True Area:** 5,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1984	IMPORTED	BUILT		2.00	True	1984 2" P401 10" P211

Network: FXE **Branch:** TW M (TAXIWAY M) **Section:** 1310 **Surface:** AC
L.C.D.: 01/01/1984 **Use:** TAXIWAY **Rank:** P **Length:** 60.00 Ft **Width:** 90.00 Ft **True Area:** 5,473.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1984	IMPORTED	BUILT		2.00	True	1984 2" P401 10" P211

Network: FXE **Branch:** TW M (TAXIWAY M) **Section:** 1315 **Surface:** AC
L.C.D.: 01/01/1984 **Use:** TAXIWAY **Rank:** P **Length:** 275.00 Ft **Width:** 90.00 Ft **True Area:** 24,612.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1984	IMPORTED	BUILT		2.00	True	1984 2" P401 10" P211

Network: FXE **Branch:** TW M (TAXIWAY M) **Section:** 1320 **Surface:** AC
L.C.D.: 01/01/1984 **Use:** TAXIWAY **Rank:** P **Length:** 160.00 Ft **Width:** 60.00 Ft **True Area:** 9,666.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1984	IMPORTED	BUILT			True	EST 1984 BIT

Network: FXE **Branch:** TW N (TAXIWAY N) **Section:** 1405 **Surface:** AC
L.C.D.: 01/01/1986 **Use:** TAXIWAY **Rank:** T **Length:** 750.00 Ft **Width:** 40.00 Ft **True Area:** 30,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1986	IMPORTED	BUILT		2.00	True	1986 2" P401 12" P211

Network: FXE **Branch:** TW N (TAXIWAY N) **Section:** 1410 **Surface:** AAC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 155.00 Ft **Width:** 120.00 Ft **True Area:** 18,893.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1984	IMPORTED	OVERLAY			True	1984 P401 OL
01/01/1979	IMPORTED	BUILT		4.00	True	1979 4" BIT 8" LIMEROCK

Network: FXE **Branch:** TW N (TAXIWAY N) **Section:** 1415 **Surface:** AC
L.C.D.: 01/01/1984 **Use:** TAXIWAY **Rank:** P **Length:** 200.00 Ft **Width:** 60.00 Ft **True Area:** 11,710.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1984	IMPORTED	BUILT		2.00	True	1984 2" P401 10" P211

Network: FXE **Branch:** TW N (TAXIWAY N) **Section:** 1420 **Surface:** AAC
L.C.D.: 01/01/1984 **Use:** TAXIWAY **Rank:** P **Length:** 160.00 Ft **Width:** 60.00 Ft **True Area:** 9,715.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1984	IMPORTED	OVERLAY		2.00	True	1984 2" P401 OL
01/01/1979	IMPORTED	BUILT		4.00	True	1979 4" BIT 8" LIMEROCK

Network: FXE **Branch:** TW N (TAXIWAY N) **Section:** 1425 **Surface:** AAC
L.C.D.: 01/01/1998 **Use:** TAXIWAY **Rank:** P **Length:** 300.00 Ft **Width:** 60.00 Ft **True Area:** 18,030.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1998	IMPORTED	OVERLAY			True	ESTIMATE 1998 AC PAVEMENT
01/01/1991	IMPORTED	OVERLAY			True	1991 AC OVERLAY
01/01/1984	IMPORTED	BUILT		2.00	True	1984 2" P401 ON 10" P211

Network: FXE **Branch:** TW N (TAXIWAY N) **Section:** 1430 **Surface:** AC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 60.00 Ft **Width:** 50.00 Ft **True Area:** 3,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	INITIAL	Initial Construction	$0	0.00	True	

Network: FXE **Branch:** TW N (TAXIWAY N) **Section:** 1435 **Surface:** AAC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 100.00 Ft **Width:** 50.00 Ft **True Area:** 5,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1984	IMPORTED	BUILT		2.00	True	1984 2" P401 10" P211 8" STAB BASE

Network: FXE **Branch:** TW P (TAXIWAY P) **Section:** 1605 **Surface:** AC
L.C.D.: 01/01/1997 **Use:** TAXIWAY **Rank:** P **Length:** 213.00 Ft **Width:** 50.00 Ft **True Area:** 10,660.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1997	INITIAL	Initial Construction	$0	0.00	True	

Network: FXE **Branch:** TW P (TAXIWAY P) **Section:** 1610 **Surface:** AAC
L.C.D.: 01/01/2004 **Use:** TAXIWAY **Rank:** P **Length:** 242.00 Ft **Width:** 50.00 Ft **True Area:** 12,115.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2004	OL-AC	Overlay-AC	$0	0.00	True	
01/01/1997	INITIAL	Initial Construction	$0	0.00	True	

Network: FXE **Branch:** TW Q (TAXIWAY Q) **Section:** 1705 **Surface:** AAC
L.C.D.: 01/01/2004 **Use:** TAXIWAY **Rank:** P **Length:** 180.00 Ft **Width:** 75.00 Ft **True Area:** 13,455.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2004	OL-AC	Overlay-AC	$0	0.00	True	
01/01/1999	INITIAL	Initial Construction	$0	0.00	True	

Network: FXE **Branch:** TW Q (TAXIWAY Q) **Section:** 1707 **Surface:** AC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 280.00 Ft **Width:** 85.00 Ft **True Area:** 24,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	INITIAL	Initial Construction	$0	0.00	True	

Network: FXE **Branch:** TW Q (TAXIWAY Q) **Section:** 1710 **Surface:** AC
L.C.D.: 01/01/1999 **Use:** TAXIWAY **Rank:** P **Length:** 75.00 Ft **Width:** 85.00 Ft **True Area:** 6,421.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1999	INITIAL	Initial Construction	$0	0.00	True	

Network: FXE **Branch:** TW Q (TAXIWAY Q) **Section:** 1715 **Surface:** AC
L.C.D.: 01/01/1997 **Use:** TAXIWAY **Rank:** P **Length:** 170.00 Ft **Width:** 35.00 Ft **True Area:** 6,040.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1997	INITIAL	Initial Construction	$0	0.00	True	estimated last const date

Network: FXE **Branch:** TW R (TAXIWAY R) **Section:** 1805 **Surface:** AC
L.C.D.: 01/01/1999 **Use:** TAXIWAY **Rank:** P **Length:** 230.00 Ft **Width:** 50.00 Ft **True Area:** 11,500.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1999	INITIAL	Initial Construction	$0	0.00	True	

Network: FXE **Branch:** TW S (TAXIWAY S) **Section:** 1905 **Surface:** AC
L.C.D.: 01/01/1999 **Use:** TAXIWAY **Rank:** P **Length:** 270.00 Ft **Width:** 50.00 Ft **True Area:** 13,570.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1999	INITIAL	Initial Construction	$0	0.00	True	

Network: FXE **Branch:** TW S (TAXIWAY S) **Section:** 1910 **Surface:** AC
L.C.D.: 01/01/1999 **Use:** TAXIWAY **Rank:** P **Length:** 145.00 Ft **Width:** 50.00 Ft **True Area:** 7,245.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1999	INITIAL	Initial Construction	$0	0.00	True	

Network: FXE **Branch:** TW S (TAXIWAY S) **Section:** 1915 **Surface:** AC
L.C.D.: 01/01/1999 **Use:** TAXIWAY **Rank:** P **Length:** 380.00 Ft **Width:** 50.00 Ft **True Area:** 18,995.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1999	INITIAL	Initial Construction	$0	0.00	True	

Network: FXE **Branch:** TW S1 (TAXIWAY S1) **Section:** 1950 **Surface:** AC
L.C.D.: 01/01/1999 **Use:** TAXIWAY **Rank:** P **Length:** 115.00 Ft **Width:** 40.00 Ft **True Area:** 4,590.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1999	INITIAL	Initial Construction	$0	0.00	True	

Network: FXE **Branch:** TW S3 (TAXIWAY S3) **Section:** 1960 **Surface:** AC
L.C.D.: 01/01/1999 **Use:** TAXIWAY **Rank:** P **Length:** 95.00 Ft **Width:** 50.00 Ft **True Area:** 4,781.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1999	INITIAL	Initial Construction	$0	0.00	True	ESTIMATED DATE

Network: FXE **Branch:** TW S3 (TAXIWAY S3) **Section:** 1965 **Surface:** AC
L.C.D.: 01/01/1999 **Use:** TAXIWAY **Rank:** P **Length:** 720.00 Ft **Width:** 50.00 Ft **True Area:** 36,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1999	INITIAL	Initial Construction	$0	0.00	True	ESTIMATED DATE

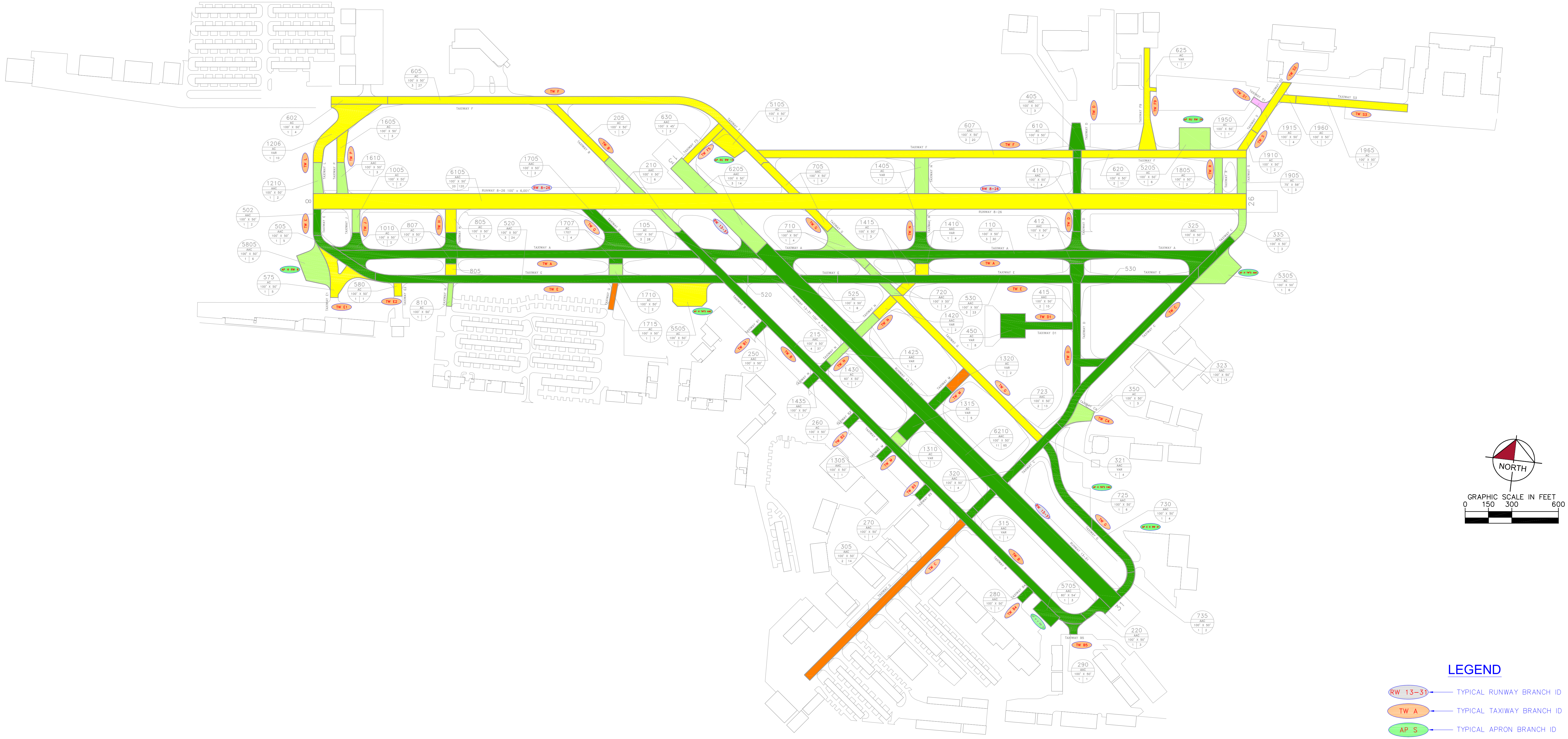
Summary:

Work Description	Section Count	Area Total (SqFt)	Thickness Avg (in)	Thickness STD (in)
BUILT	53	2,371,582.00	2.43	1.09
Initial Construction	32	973,076.00	.00	.00
Mill and Overlay	25	869,843.00	.00	.00
OVERLAY	26	1,654,527.00	2.32	.93
Overlay-AC	5	422,794.00	.00	.00
REPAIR	2	21,875.00		

STD = Standard Deviation

APPENDIX B

2012 CONDITION MAP
PAVEMENT CONDITION INDEX TABLE



LEGEND

RW 13-31	TYPICAL RUNWAY BRANCH ID
TW A	TYPICAL TAXIWAY BRANCH ID
AP S	TYPICAL APRON BRANCH ID
(dark green)	PCI 86-100 GOOD
(light green)	PCI 71-85 SATISFACTORY
(yellow)	PCI 56-70 FAIR
(orange)	PCI 41-55 POOR
(pink)	PCI 26-40 VERY POOR
(dark red)	PCI 11-25 SERIOUS
(grey)	PCI 0-10 FAILED

PLOTTED: June 20, 2012 - 2:20 PM, BY: Burton, George A

NUMBER	DATE	REVISIONS					
DESIGNED:	NR	DRAWN:	GB	CHECKED:		DATE:	MAY 2012

P:\Com_Shared\FDOT Aviation 2010-2011\2010-2011-Phase II\CADD\Revised Airports\FXE\EXHIBITS\003-FXE-CONDITION.dwg

2012 CONDITION MAP

FORT LAUDERDALE EXECUTIVE AIRPORT
BROWARD COUNTY, FLORIDA

FLORIDA DEPARTMENT OF TRANSPORTATION - AVIATION OFFICE

IDENTIFIER
FXE
FDOT DISTRICT
4

Table B-1: Pavement Condition Index

Branch Name	Branch ID	Branch Use	Section ID	True Area (ft^2)	Section Rank	Surface Type	Total Samples Inspected	Total Samples	PCI	PCI Category
West Holding Apron at RW 31	AP HLD 31W	APRON	5705	12,000	P	AAC	1	3	100	Good
Holding Apron at RW 8	AP HLD 8	APRON	5805	35,683	P	AAC	1	6	97	Good
Holding Apron at TWs A and C	AP HLD A,C	APRON	5305	33,709	T	AC	1	6	100	Good
Holding Apron at TWs A and E	AP HLD A,E	APRON	5505	33,090	P	AC	1	7	86	Good
Run-Up Apron at RW 13	AP RU RW13	APRON	5105	18,300	P	AC	1	4	61	Fair
Run-Up Apron at RW 26	AP RU RW26	APRON	5205	30,000	P	AC	1	6	72	Satisfactory
Runway 13-31	RW 13-31	RUNWAY	6205	63,400	S	AAC	3	14	73	Satisfactory
Runway 13-31	RW 13-31	RUNWAY	6210	322,500	S	AAC	11	65	90	Good
Runway 8-26	RW 8-26	RUNWAY	6105	600,000	T	AAC	20	120	70	Fair
Taxiway Alpha	TW A	TAXIWAY	105	138,800	T	AC	3	28	98	Good
Taxiway Alpha	TW A	TAXIWAY	110	150,621	P	AC	30	30	97	Good
Taxiway Bravo	TW B	TAXIWAY	205	25,242	P	AAC	5	5	62	Fair
Taxiway Bravo	TW B	TAXIWAY	210	25,565	P	AAC	6	6	73	Satisfactory
Taxiway Bravo	TW B	TAXIWAY	215	181,674	P	AAC	4	37	100	Good
Taxiway Bravo	TW B	TAXIWAY	220	10,516	P	AAC	1	3	100	Good
Taxiway Bravo	TW B	TAXIWAY	250	4,490	P	AAC	1	1	100	Good
Taxiway Bravo	TW B	TAXIWAY	270	5,000	P	AAC	1	1	100	Good
Taxiway Bravo	TW B	TAXIWAY	280	5,000	P	AAC	1	1	100	Good
Taxiway Bravo	TW B	TAXIWAY	290	6,500	P	AAC	1	1	100	Good
Taxiway B-2	TW B2	TAXIWAY	260	5,000	P	AC	1	1	100	Good
Taxiway Charlie	TW C	TAXIWAY	305	71,000	T	AAC	2	14	50	Poor
Taxiway Charlie	TW C	TAXIWAY	315	3,060	P	AAC	1	1	95	Good
Taxiway Charlie	TW C	TAXIWAY	320	16,370	P	AAC	1	4	93	Good
Taxiway Charlie	TW C	TAXIWAY	321	16,800	P	AC	1	4	100	Good

Table B-1: Pavement Condition Index (Continued)

Branch Name	Branch ID	Branch Use	Section ID	True Area (ft^2)	Section Rank	Surface Type	Total Samples Inspected	Total Samples	PCI	PCI Category
Taxiway Charlie	TW C	TAXIWAY	323	66,250	P	AAC	2	13	100	Good
Taxiway Charlie	TW C	TAXIWAY	325	23,450	P	AAC	1	4	100	Good
Taxiway Charlie	TW C	TAXIWAY	335	10,015	P	APC	1	3	100	Good
Taxiway C-4	TW C4	TAXIWAY	350	13,395	P	AC	1	3	100	Good
Taxiway Delta	TW D	TAXIWAY	405	14,080	T	AAC	1	3	100	Good
Taxiway Delta	TW D	TAXIWAY	410	18,960	P	AAC	1	4	100	Good
Taxiway Delta	TW D	TAXIWAY	412	16,550	P	AAC	1	4	100	Good
Taxiway Delta	TW D	TAXIWAY	415	51,515	P	AAC	2	10	100	Good
Taxiway D-1	TW D1	TAXIWAY	450	39,595	P	AAC	1	8	100	Good
Taxiway Echo	TW E	TAXIWAY	502	8,490	T	AAC	1	2	100	Good
Taxiway Echo	TW E	TAXIWAY	505	23,328	P	AAC	1	5	100	Good
Taxiway Echo	TW E	TAXIWAY	520	115,800	P	AAC	3	24	100	Good
Taxiway Echo	TW E	TAXIWAY	525	21,750	P	AC	1	6	92	Good
Taxiway Echo	TW E	TAXIWAY	530	110,100	P	AAC	3	23	100	Good
Taxiway Echo	TW E	TAXIWAY	575	32,440	P	AC	1	5	70	Fair
Taxiway Echo	TW E	TAXIWAY	580	4,255	P	AC	1	1	60	Fair
Taxiway Foxtrot	TW F	TAXIWAY	602	18,170	T	AC	1	4	69	Fair
Taxiway Foxtrot	TW F	TAXIWAY	605	128,538	P	AAC	3	27	56	Fair
Taxiway Foxtrot	TW F	TAXIWAY	607	100,495	P	AAC	3	20	69	Fair
Taxiway Foxtrot	TW F	TAXIWAY	610	2,500	P	AAC	1	1	99	Good
Taxiway Foxtrot	TW F	TAXIWAY	620	53,100	P	AC	2	11	70	Fair
Taxiway Foxtrot	TW F	TAXIWAY	630	14,625	P	AC	1	3	63	Fair
Taxiway F-9	TW F9	TAXIWAY	625	41,865	P	AC	1	7	66	Fair
Taxiway Golf	TW G	TAXIWAY	705	22,000	P	AC	1	5	86	Good

Table B-1: Pavement Condition Index (Continued)

Branch Name	Branch ID	Branch Use	Section ID	True Area (ft^2)	Section Rank	Surface Type	Total Samples Inspected	Total Samples	PCI	PCI Category
Taxiway Golf	TW G	TAXIWAY	710	20,110	P	AC	1	4	100	Good
Taxiway Golf	TW G	TAXIWAY	720	9,875	P	AC	1	3	94	Good
Taxiway Golf	TW G	TAXIWAY	723	65,000	P	AC	2	13	100	Good
Taxiway Golf	TW G	TAXIWAY	725	27,540	P	AAC	1	6	100	Good
Taxiway Golf	TW G	TAXIWAY	730	20,545	P	AAC	1	4	100	Good
Taxiway Golf	TW G	TAXIWAY	735	8,567	P	AAC	1	2	100	Good
Taxiway Hotel	TW H	TAXIWAY	805	15,610	P	AC	1	3	69	Fair
Taxiway Hotel	TW H	TAXIWAY	807	15,260	P	AC	1	3	93	Good
Taxiway Hotel	TW H	TAXIWAY	810	5,110	P	AC	1	1	100	Good
Taxiway Juliet	TW J	TAXIWAY	1005	7,600	P	AC	1	2	75	Satisfactory
Taxiway Juliet	TW J	TAXIWAY	1010	12,370	P	AC	1	2	93	Good
Taxiway Lima	TW L	TAXIWAY	1206	49,690	P	AC	1	10	67	Fair
Taxiway Lima	TW L	TAXIWAY	1210	11,324	P	AAC	1	2	80	Satisfactory
Taxiway Mike	TW M	TAXIWAY	1305	5,000	T	AAC	1	1	100	Good
Taxiway Mike	TW M	TAXIWAY	1310	5,473	P	AC	1	1	95	Good
Taxiway Mike	TW M	TAXIWAY	1315	24,612	P	AC	1	5	94	Good
Taxiway Mike	TW M	TAXIWAY	1320	9,666	P	AC	1	2	45	Poor
Taxiway November	TW N	TAXIWAY	1405	30,000	T	AC	1	7	80	Satisfactory
Taxiway November	TW N	TAXIWAY	1410	18,893	P	AAC	1	4	100	Good
Taxiway November	TW N	TAXIWAY	1415	11,710	P	AC	1	3	67	Fair
Taxiway November	TW N	TAXIWAY	1420	9,715	P	AAC	1	2	63	Fair
Taxiway November	TW N	TAXIWAY	1425	18,030	P	AAC	1	4	80	Satisfactory
Taxiway November	TW N	TAXIWAY	1430	3,000	P	AC	1	1	94	Good
Taxiway November	TW N	TAXIWAY	1435	5,000	P	AAC	1	1	100	Good

Table B-1: Pavement Condition Index (Continued)

Branch Name	Branch ID	Branch Use	Section ID	True Area (ft^2)	Section Rank	Surface Type	Total Samples Inspected	Total Samples	PCI	PCI Category
Taxiway Papa	TW P	TAXIWAY	1605	10,660	P	AC	1	3	70	Fair
Taxiway Papa	TW P	TAXIWAY	1610	12,115	P	AAC	1	3	77	Satisfactory
Taxiway Quebec	TW Q	TAXIWAY	1705	13,455	P	AAC	1	3	89	Good
Taxiway Quebec	TW Q	TAXIWAY	1707	24,000	P	AC	1	4	94	Good
Taxiway Quebec	TW Q	TAXIWAY	1710	6,421	P	AC	1	2	74	Satisfactory
Taxiway Quebec	TW Q	TAXIWAY	1715	6,040	P	AC	1	1	49	Poor
Taxiway Romeo	TW R	TAXIWAY	1805	11,500	P	AC	1	2	82	Satisfactory
Taxiway Sierra	TW S	TAXIWAY	1905	13,570	P	AC	1	3	83	Satisfactory
Taxiway Sierra	TW S	TAXIWAY	1910	7,245	P	AC	1	2	66	Fair
Taxiway Sierra	TW S	TAXIWAY	1915	18,995	P	AC	1	4	62	Fair
Taxiway S-1	TW S1	TAXIWAY	1950	4,590	P	AC	1	1	35	Very Poor
Taxiway S-3	TW S3	TAXIWAY	1960	4,781	P	AC	1	1	64	Fair
Taxiway S-3	TW S3	TAXIWAY	1965	36,000	P	AC	1	7	60	Fair

Note: If a new construction, then survey date = last construction date and PCI is set to 100 by MicroPAVER.

Sections not surveyed due to reasons such as re-sectioning, no escort, not accessible at the time of survey.

APPENDIX C

BRANCH CONDITION REPORT
SECTION CONDITION REPORT

Branch Condition Report

Pavement Database: NetworkID: FXE

Branch ID	Number of Sections	Sum Section Length (Ft)	Avg Section Width (Ft)	True Area (SqFt)	Use	Average PCI	PCI Standard Deviation	Weighted Average PCI
AP HLD 31W (WEST HOLDING APRON AT RW 31)	1	60.00	200.00	12,000.00	APRON	100.00	0.00	100.00
AP HLD 8 (HOLDING APRON AT RW 8)	1	180.00	200.00	35,683.00	APRON	97.00	0.00	97.00
AP HLD A,C (HOLDING APRON AT TWS A AND C)	1	200.00	150.00	33,709.00	APRON	100.00	0.00	100.00
AP HLD A,E (HOLDING APRON AT TW A AND E)	1	150.00	200.00	33,090.00	APRON	86.00	0.00	86.00
AP RU RW13 (RUN-UP APRON AT RW 13)	1	91.50	200.00	18,300.00	APRON	61.00	0.00	61.00
AP RU RW26 (RUN-UP APRON AT RW 26)	1	150.00	200.00	30,000.00	APRON	72.00	0.00	72.00
RW 13-31 (RUNWAY 13-31)	2	3,859.00	100.00	385,900.00	RUNWAY	81.50	8.50	87.21
RW 8-26 (RUNWAY 8-26)	1	6,000.00	100.00	600,000.00	RUNWAY	70.00	0.00	70.00
TW A (TAXIWAY A)	2	5,400.00	50.00	289,421.00	TAXIWAY	97.50	0.50	97.48
TW B (TAXIWAY B)	8	5,272.50	48.12	263,987.00	TAXIWAY	91.88	14.34	93.75
TW B2 (TAXIWAY B2)	1	100.00	50.00	5,000.00	TAXIWAY	100.00	0.00	100.00
TW C (TAXIWAY C)	7	4,135.00	50.00	206,945.00	TAXIWAY	91.14	17.01	82.22
TW C4 (TAXIWAY C4)	1	135.00	100.00	13,395.00	TAXIWAY	100.00	0.00	100.00
TW D (TAXIWAY D)	4	1,740.00	71.25	101,105.00	TAXIWAY	100.00	0.00	100.00
TW D1 (TAXIWAY D1)	1	465.00	85.00	39,595.00	TAXIWAY	100.00	0.00	100.00
TW E (TAXIWAY E)	7	5,873.00	65.71	316,163.00	TAXIWAY	88.86	15.56	95.83

Branch Condition Report

Pavement Database: NetworkID: FXE

Branch ID	Number of Sections	Sum Section Length (Ft)	Avg Section Width (Ft)	True Area (SqFt)	Use	Average PCI	PCI Standard Deviation	Weighted Average PCI
TW F (TAXIWAY F)	6	6,385.00	49.17	317,428.00	TAXIWAY	71.00	13.43	63.86
TW F9 (TAXIWAY F9)	1	500.00	85.00	41,865.00	TAXIWAY	66.00	0.00	66.00
TW G (TAXIWAY G)	7	3,381.00	55.71	173,637.00	TAXIWAY	97.14	5.00	97.88
TW H (TAXIWAY H)	3	587.00	58.33	35,980.00	TAXIWAY	87.33	13.27	83.58
TW J (TAXIWAY J)	2	257.00	85.00	19,970.00	TAXIWAY	84.00	9.00	86.15
TW L (TAXIWAY L)	2	776.00	70.00	61,014.00	TAXIWAY	73.50	6.50	69.41
TW M (TAXIWAY M)	4	595.00	72.50	44,751.00	TAXIWAY	83.50	22.34	84.21
TW N (TAXIWAY N)	7	1,725.00	62.86	96,348.00	TAXIWAY	83.43	14.00	82.10
TW P (TAXIWAY P)	2	455.00	50.00	22,775.00	TAXIWAY	73.50	3.50	73.72
TW Q (TAXIWAY Q)	4	705.00	70.00	49,916.00	TAXIWAY	76.50	17.50	84.63
TW R (TAXIWAY R)	1	230.00	50.00	11,500.00	TAXIWAY	82.00	0.00	82.00
TW S (TAXIWAY S)	3	795.00	50.00	39,810.00	TAXIWAY	70.33	9.10	69.89
TW S1 (TAXIWAY S1)	1	115.00	40.00	4,590.00	TAXIWAY	35.00	0.00	35.00
TW S3 (TAXIWAY S3)	2	815.00	50.00	40,781.00	TAXIWAY	62.00	2.00	60.47

Use Category	Number of Sections	Total Area (SqFt)	Arithmetic Average PCI	Average PCI STD.	Weighted Average PCI
APRON	6	162,782.00	86.00	14.91	86.95
RUNWAY	3	985,900.00	77.67	8.81	76.74
TAXIWAY	76	2,195,976.00	85.03	17.23	86.12
All	85	3,344,658.00	84.84	16.90	83.39

STD = Standard Deviation

Date: 6 /19/2012

Section Condition Report

Pavement Database: *NetworkID: FXE*

Branch ID	Section ID	Last Const. Date	Surface	Use	Rank	Lanes	True Area (SqFt)	Last Inspection Date	Age At Inspection	PCI
AP HLD 31W (WEST HOLDING APRON AT RW 31)	5705	01/01/2010	AAC	APRON	P	0	12,000.00	01/01/2010	0	100.00
AP HLD 8 (HOLDING APRON AT RW 8)	5805	01/01/1996	AAC	APRON	P	0	35,683.00	12/05/1999	3	97.00
AP HLD A,C (HOLDING APRON AT TWS A AND C)	5305	01/01/1998	AC	APRON	T	0	33,709.00	12/05/1999	1	100.00
AP HLD A,E (HOLDING APRON AT TW A AND E)	5505	01/01/1979	AC	APRON	P	0	33,090.00	12/05/1999	20	86.00
AP RU RW13 (RUN-UP APRON AT RW 13)	5105	01/01/1997	AC	APRON	P	0	18,300.00	04/04/2012	15	61.00
AP RU RW26 (RUN-UP APRON AT RW 26)	5205	01/01/1998	AC	APRON	P	0	30,000.00	04/04/2012	14	72.00
RW 13-31 (RUNWAY 13-31)	6205	01/01/2004	AAC	RUNWAY	S	0	63,400.00	04/04/2012	8	73.00
RW 13-31 (RUNWAY 13-31)	6210	01/01/2007	AAC	RUNWAY	S	0	322,500.00	04/04/2012	5	90.00
RW 8-26 (RUNWAY 8-26)	6105	01/01/1978	AAC	RUNWAY	T	0	600,000.00	04/04/2012	34	70.00
TW A (TAXIWAY A)	105	01/01/2009	AC	TAXIWAY	T	0	138,800.00	04/04/2012	3	98.00
TW A (TAXIWAY A)	110	01/01/2009	AC	TAXIWAY	P	0	150,621.00	04/04/2012	3	97.00
TW B (TAXIWAY B)	205	01/01/1997	AAC	TAXIWAY	P	0	25,242.00	04/04/2012	15	62.00
TW B (TAXIWAY B)	210	01/01/1978	AAC	TAXIWAY	P	0	25,565.00	04/04/2012	34	73.00
TW B (TAXIWAY B)	215	01/01/2010	AAC	TAXIWAY	P	0	181,674.00	01/01/2010	0	100.00
TW B (TAXIWAY B)	220	01/01/2010	AAC	TAXIWAY	P	0	10,516.00	01/01/2010	0	100.00
TW B (TAXIWAY B)	250	01/01/2010	AAC	TAXIWAY	P	0	4,490.00	01/01/2010	0	100.00
TW B (TAXIWAY B)	270	01/01/2010	AAC	TAXIWAY	P	0	5,000.00	01/01/2010	0	100.00
TW B (TAXIWAY B)	280	01/01/2010	AAC	TAXIWAY	P	0	5,000.00	01/01/2010	0	100.00
TW B (TAXIWAY B)	290	01/01/2010	AAC	TAXIWAY	P	0	6,500.00	01/01/2010	0	100.00
TW B2 (TAXIWAY B2)	260	01/01/2010	AC	TAXIWAY	P	0	5,000.00	01/01/2010	0	100.00
TW C (TAXIWAY C)	305	01/01/2007	AAC	TAXIWAY	T	0	71,000.00	04/04/2012	5	50.00
TW C (TAXIWAY C)	315	01/01/1978	AAC	TAXIWAY	P	0	3,060.00	04/04/2012	34	95.00
TW C (TAXIWAY C)	320	01/01/1997	AAC	TAXIWAY	P	0	16,370.00	04/04/2012	15	93.00
TW C (TAXIWAY C)	321	01/01/2007	AC	TAXIWAY	P	0	16,800.00	01/01/2007	0	100.00
TW C (TAXIWAY C)	323	01/01/2013	AAC	TAXIWAY	P	0	66,250.00	01/01/2013	0	100.00

Section Condition Report

Pavement Database: *NetworkID: FXE*

Branch ID	Section ID	Last Const. Date	Surface	Use	Rank	Lanes	True Area (SqFt)	Last Inspection Date	Age At Inspection	PCI
TW C (TAXIWAY C)	325	01/01/2013	AAC	TAXIWAY	P	0	23,450.00	01/01/2013	0	100.00
TW C (TAXIWAY C)	335	01/01/1996	APC	TAXIWAY	P	0	10,015.00	12/05/1999	3	100.00
TW C4 (TAXIWAY C4)	350	01/01/2001	AC	TAXIWAY	P	0	13,395.00	01/01/2001	0	100.00
TW D (TAXIWAY D)	405	01/01/2013	AAC	TAXIWAY	T	0	14,080.00	01/01/2013	0	100.00
TW D (TAXIWAY D)	410	01/01/2013	AAC	TAXIWAY	P	0	18,960.00	01/01/2013	0	100.00
TW D (TAXIWAY D)	412	01/01/2013	AAC	TAXIWAY	P	0	16,550.00	01/01/2013	0	100.00
TW D (TAXIWAY D)	415	01/01/2013	AAC	TAXIWAY	P	0	51,515.00	01/01/2013	0	100.00
TW D1 (TAXIWAY D1)	450	01/01/2013	AAC	TAXIWAY	P	0	39,595.00	01/01/2013	0	100.00
TW E (TAXIWAY E)	502	07/01/2013	AAC	TAXIWAY	T	0	8,490.00	07/01/2013	0	100.00
TW E (TAXIWAY E)	505	07/01/2013	AAC	TAXIWAY	P	0	23,328.00	07/01/2013	0	100.00
TW E (TAXIWAY E)	520	07/01/2013	AAC	TAXIWAY	P	0	115,800.00	07/01/2013	0	100.00
TW E (TAXIWAY E)	525	01/01/2007	AC	TAXIWAY	P	0	21,750.00	04/04/2012	5	92.00
TW E (TAXIWAY E)	530	07/01/2014	AAC	TAXIWAY	P	0	110,100.00	07/01/2014	0	100.00
TW E (TAXIWAY E)	575	01/01/1979	AC	TAXIWAY	P	0	32,440.00	04/04/2012	33	70.00
TW E (TAXIWAY E)	580	01/01/1978	AC	TAXIWAY	P	0	4,255.00	04/04/2012	34	60.00
TW F (TAXIWAY F)	602	01/01/1998	AC	TAXIWAY	T	0	18,170.00	04/04/2012	14	69.00
TW F (TAXIWAY F)	605	01/01/1996	AAC	TAXIWAY	P	0	128,538.00	04/04/2012	16	56.00
TW F (TAXIWAY F)	607	01/01/1998	AAC	TAXIWAY	P	0	100,495.00	04/04/2012	14	69.00
TW F (TAXIWAY F)	610	01/01/1997	AAC	TAXIWAY	P	0	2,500.00	12/05/1999	2	99.00
TW F (TAXIWAY F)	620	01/01/1998	AC	TAXIWAY	P	0	53,100.00	04/04/2012	14	70.00
TW F (TAXIWAY F)	630	01/01/1996	AC	TAXIWAY	P	0	14,625.00	04/03/2012	16	63.00
TW F9 (TAXIWAY F9)	625	01/01/1999	AC	TAXIWAY	P	0	41,865.00	04/04/2012	13	66.00
TW G (TAXIWAY G)	705	01/01/1984	AC	TAXIWAY	P	0	22,000.00	12/05/1999	15	86.00
TW G (TAXIWAY G)	710	01/01/1991	AC	TAXIWAY	P	0	20,110.00	12/05/1999	8	100.00
TW G (TAXIWAY G)	720	01/01/1984	AC	TAXIWAY	P	0	9,875.00	12/05/1999	15	94.00
TW G (TAXIWAY G)	723	01/01/1984	AC	TAXIWAY	P	0	65,000.00	01/01/1984	0	100.00
TW G (TAXIWAY G)	725	01/01/2013	AAC	TAXIWAY	P	0	27,540.00	01/01/2013	0	100.00

Section Condition Report

Pavement Database: *NetworkID: FXE*

Branch ID	Section ID	Last Const. Date	Surface	Use	Rank	Lanes	True Area (SqFt)	Last Inspection Date	Age At Inspection	PCI
TW G (TAXIWAY G)	730	01/01/2013	AAC	TAXIWAY	P	0	20,545.00	01/01/2013	0	100.00
TW G (TAXIWAY G)	735	01/01/2013	AAC	TAXIWAY	P	0	8,567.00	01/01/2013	0	100.00
TW H (TAXIWAY H)	805	01/01/2004	AC	TAXIWAY	P	0	15,610.00	04/04/2012	8	69.00
TW H (TAXIWAY H)	807	01/01/2010	AC	TAXIWAY	P	0	15,260.00	04/04/2012	2	93.00
TW H (TAXIWAY H)	810	01/01/1997	AC	TAXIWAY	P	0	5,110.00	01/01/1997	0	100.00
TW J (TAXIWAY J)	1005	01/01/2004	AC	TAXIWAY	P	0	7,600.00	04/04/2012	8	75.00
TW J (TAXIWAY J)	1010	01/01/2010	AC	TAXIWAY	P	0	12,370.00	04/04/2012	2	93.00
TW L (TAXIWAY L)	1206	01/01/1995	AC	TAXIWAY	P	0	49,690.00	04/04/2012	17	67.00
TW L (TAXIWAY L)	1210	01/01/2004	AAC	TAXIWAY	P	0	11,324.00	04/04/2012	8	80.00
TW M (TAXIWAY M)	1305	01/01/2010	AAC	TAXIWAY	T	0	5,000.00	01/01/2010	0	100.00
TW M (TAXIWAY M)	1310	01/01/1984	AC	TAXIWAY	P	0	5,473.00	12/05/1999	15	95.00
TW M (TAXIWAY M)	1315	01/01/1984	AC	TAXIWAY	P	0	24,612.00	04/04/2012	28	94.00
TW M (TAXIWAY M)	1320	01/01/1984	AC	TAXIWAY	P	0	9,666.00	04/04/2012	28	45.00
TW N (TAXIWAY N)	1405	01/01/1986	AC	TAXIWAY	T	0	30,000.00	04/04/2012	26	80.00
TW N (TAXIWAY N)	1410	01/01/2010	AAC	TAXIWAY	P	0	18,893.00	01/01/2010	0	100.00
TW N (TAXIWAY N)	1415	01/01/1984	AC	TAXIWAY	P	0	11,710.00	04/04/2012	28	67.00
TW N (TAXIWAY N)	1420	01/01/1984	AAC	TAXIWAY	P	0	9,715.00	04/04/2012	28	63.00
TW N (TAXIWAY N)	1425	01/01/1998	AAC	TAXIWAY	P	0	18,030.00	04/04/2012	14	80.00
TW N (TAXIWAY N)	1430	01/01/2010	AC	TAXIWAY	P	0	3,000.00	04/04/2012	2	94.00
TW N (TAXIWAY N)	1435	01/01/2010	AAC	TAXIWAY	P	0	5,000.00	01/01/2010	0	100.00
TW P (TAXIWAY P)	1605	01/01/1997	AC	TAXIWAY	P	0	10,660.00	04/04/2012	15	70.00
TW P (TAXIWAY P)	1610	01/01/2004	AAC	TAXIWAY	P	0	12,115.00	04/04/2012	8	77.00
TW Q (TAXIWAY Q)	1705	01/01/2004	AAC	TAXIWAY	P	0	13,455.00	04/04/2012	8	89.00
TW Q (TAXIWAY Q)	1707	01/01/2010	AC	TAXIWAY	P	0	24,000.00	04/04/2012	2	94.00
TW Q (TAXIWAY Q)	1710	01/01/1999	AC	TAXIWAY	P	0	6,421.00	04/04/2012	13	74.00
TW Q (TAXIWAY Q)	1715	01/01/1997	AC	TAXIWAY	P	0	6,040.00	04/04/2012	15	49.00
TW R (TAXIWAY R)	1805	01/01/1999	AC	TAXIWAY	P	0	11,500.00	04/04/2012	13	82.00

Section Condition Report

Pavement Database: *NetworkID: FXE*

Branch ID	Section ID	Last Const. Date	Surface	Use	Rank	Lanes	True Area (SqFt)	Last Inspection Date	Age At Inspection	PCI
TW S (TAXIWAY S)	1905	01/01/1999	AC	TAXIWAY	P	0	13,570.00	04/04/2012	13	83.00
TW S (TAXIWAY S)	1910	01/01/1999	AC	TAXIWAY	P	0	7,245.00	04/04/2012	13	66.00
TW S (TAXIWAY S)	1915	01/01/1999	AC	TAXIWAY	P	0	18,995.00	04/04/2012	13	62.00
TW S1 (TAXIWAY S1)	1950	01/01/1999	AC	TAXIWAY	P	0	4,590.00	04/04/2012	13	35.00
TW S3 (TAXIWAY S3)	1960	01/01/1999	AC	TAXIWAY	P	0	4,781.00	04/04/2012	13	64.00
TW S3 (TAXIWAY S3)	1965	01/01/1999	AC	TAXIWAY	P	0	36,000.00	04/04/2012	13	60.00

Section Condition Report

Pavement Database:

Age Category	Average Age At Inspection	Total Area (SqFt)	Number of Sections	Arithmetic Average PCI	PCI Standard Deviation	Weighted Average PCI
0-02	0.31	994,987.00	35	99.23	2.07	99.64
03-05	3.86	750,369.00	7	89.14	16.30	89.62
06-10	8.00	143,614.00	7	80.43	9.88	78.84
11-15	13.95	478,722.00	22	71.00	14.21	70.36
16-20	17.25	225,943.00	4	68.00	11.11	63.27
26-30	27.60	85,703.00	5	69.80	16.49	76.37
31-35	33.80	665,320.00	5	73.60	11.57	70.17
All	9.14	3,344,658.00	85	84.84	16.90	83.39

APPENDIX D

PAVEMENT CONDITION PREDICTION TABLE
PREDICTED PCI BY PAVEMENT USE GRAPH

Table D-1: Pavement Condition Prediction

Branch Name	Branch ID	Section ID	Current PCI	PCI Forecast									
				2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
West Holding Apron at RW 31	AP HLD 31W	5705	100	94	92	90	88	86	85	83	82	80	79
Holding Apron at RW 8	AP HLD 8	5805	97	76	75	74	73	71	70	69	68	66	65
Holding Apron at TWs A and C	AP HLD A,C	5305	100	75	74	73	71	70	69	68	67	65	64
Holding Apron at TWs A and E	AP HLD A,E	5505	86	67	66	65	64	63	62	61	60	59	57
Run-Up Apron at RW 13	AP RU RW13	5105	61	61	60	59	58	56	55	54	53	52	51
Run-Up Apron at RW 26	AP RU RW26	5205	72	72	70	69	68	67	66	65	63	62	61
Runway 13-31	RW 13-31	6205	73	73	71	69	67	66	64	63	62	61	60
Runway 13-31	RW 13-31	6210	90	89	86	83	80	78	75	73	71	69	68
Runway 8-26	RW 8-26	6105	70	70	68	66	65	64	62	61	60	59	58
Taxiway Alpha	TW A	105	98	97	95	93	91	89	87	86	84	82	81
Taxiway Alpha	TW A	110	97	96	94	92	90	88	87	85	83	82	80
Taxiway Bravo	TW B	205	62	62	61	60	59	58	57	55	54	52	50
Taxiway Bravo	TW B	210	73	73	72	71	70	69	68	67	67	66	66
Taxiway Bravo	TW B	215	100	92	89	86	84	81	79	78	76	75	73
Taxiway Bravo	TW B	220	100	92	89	86	84	81	79	78	76	75	73
Taxiway Bravo	TW B	250	100	92	89	86	84	81	79	78	76	75	73
Taxiway Bravo	TW B	270	100	92	89	86	84	81	79	78	76	75	73
Taxiway Bravo	TW B	280	100	92	89	86	84	81	79	78	76	75	73
Taxiway Bravo	TW B	290	100	92	89	86	84	81	79	78	76	75	73
Taxiway B-2	TW B2	260	100	95	92	91	89	87	85	83	82	80	79
Taxiway Charlie	TW C	305	50	50	48	46	44	43	41	39	37	35	34
Taxiway Charlie	TW C	315	95	94	91	88	86	83	81	79	77	76	74
Taxiway Charlie	TW C	320	93	92	89	87	84	82	80	78	76	75	74
Taxiway Charlie	TW C	321	100	89	87	85	83	82	80	79	77	76	74
Taxiway Charlie	TW C	323	100	84	89	95	92	89	86	84	81	79	78

Table D-1: Pavement Condition Prediction (Continued)

Branch Name	Branch ID	Section ID	Current PCI	PCI Forecast									
				2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Taxiway Charlie	TW C	325	100	52	98	95	92	89	86	84	81	79	78
Taxiway Charlie	TW C	335	100	72	71	70	69	68	68	67	66	66	65
Taxiway C-4	TW C4	350	100	79	77	76	74	73	72	70	69	68	67
Taxiway Delta	TW D	405	100	70	98	95	92	89	86	84	81	79	78
Taxiway Delta	TW D	410	100	64	98	95	92	89	86	84	81	79	78
Taxiway Delta	TW D	412	100	92	98	95	92	89	86	84	81	79	78
Taxiway Delta	TW D	415	100	42	98	95	92	89	86	84	81	79	78
Taxiway D-1	TW D1	450	100	42	98	95	92	89	86	84	81	79	78
Taxiway Echo	TW E	502	100	70	100	96	93	90	87	85	82	80	79
Taxiway Echo	TW E	505	100	78	100	96	93	90	87	85	82	80	79
Taxiway Echo	TW E	520	100	62	100	96	93	90	87	85	82	80	79
Taxiway Echo	TW E	525	92	92	90	88	86	84	82	81	79	78	76
Taxiway Echo	TW E	530	100	67	66	100	96	93	90	87	85	82	80
Taxiway Echo	TW E	575	70	70	68	67	66	65	64	63	62	61	60
Taxiway Echo	TW E	580	60	60	59	58	57	56	55	54	53	52	51
Taxiway Foxtrot	TW F	602	69	69	68	66	65	64	63	62	61	60	59
Taxiway Foxtrot	TW F	605	56	56	54	52	51	49	47	45	43	42	40
Taxiway Foxtrot	TW F	607	69	69	68	67	67	66	66	65	64	64	63
Taxiway Foxtrot	TW F	610	99	72	71	70	69	68	68	67	66	66	65
Taxiway Foxtrot	TW F	620	70	70	68	67	66	65	64	63	62	61	60
Taxiway Foxtrot	TW F	630	63	63	62	61	60	59	58	57	56	55	54
Taxiway F-9	TW F9	625	66	66	65	64	62	61	60	59	58	57	56
Taxiway Golf	TW G	705	86	68	67	66	64	63	62	61	60	59	58
Taxiway Golf	TW G	710	100	77	76	74	73	71	70	69	68	67	66
Taxiway Golf	TW G	720	94	73	72	71	69	68	67	66	65	64	62

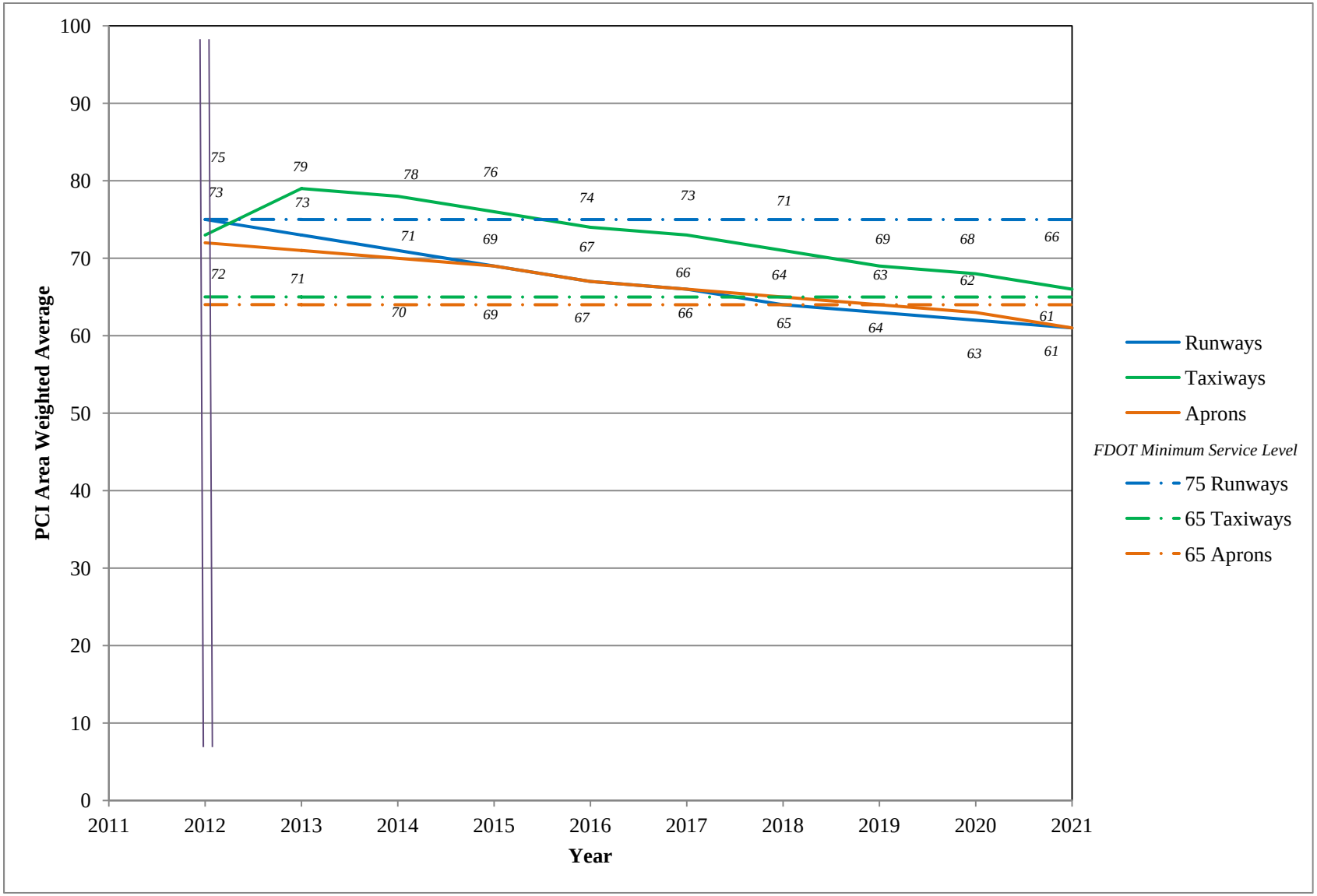
Table D-1: Pavement Condition Prediction (Continued)

Branch Name	Branch ID	Section ID	Current PCI	PCI Forecast									
				2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Taxiway Golf	TW G	723	100	58	57	56	55	54	53	52	51	50	49
Taxiway Golf	TW G	725	100	59	98	95	92	89	86	84	81	79	78
Taxiway Golf	TW G	730	100	67	98	95	92	89	86	84	81	79	78
Taxiway Golf	TW G	735	100	69	98	95	92	89	86	84	81	79	78
Taxiway Hotel	TW H	805	69	69	68	66	65	64	63	62	61	60	59
Taxiway Hotel	TW H	807	93	93	91	89	87	85	83	82	80	79	77
Taxiway Hotel	TW H	810	100	73	72	70	69	68	67	66	64	63	62
Taxiway Juliet	TW J	1005	75	75	73	72	71	69	68	67	66	65	64
Taxiway Juliet	TW J	1010	93	93	91	89	87	85	83	82	80	79	77
Taxiway Lima	TW L	1206	67	67	66	64	63	62	61	60	59	58	57
Taxiway Lima	TW L	1210	80	80	78	76	75	73	72	71	70	69	69
Taxiway Mike	TW M	1305	100	92	89	86	84	81	79	78	76	75	73
Taxiway Mike	TW M	1310	95	74	72	71	70	69	67	66	65	64	63
Taxiway Mike	TW M	1315	94	94	91	90	88	86	84	82	81	79	78
Taxiway Mike	TW M	1320	45	45	44	42	41	40	39	37	36	34	33
Taxiway November	TW N	1405	80	80	78	77	75	74	73	71	70	69	68
Taxiway November	TW N	1410	100	92	89	86	84	81	79	78	76	75	73
Taxiway November	TW N	1415	67	67	66	64	63	62	61	60	59	58	57
Taxiway November	TW N	1420	63	63	62	61	60	59	58	57	56	54	52
Taxiway November	TW N	1425	80	80	78	76	75	73	72	71	70	69	69
Taxiway November	TW N	1430	94	94	91	90	88	86	84	82	81	79	78
Taxiway November	TW N	1435	100	92	89	86	84	81	79	78	76	75	73
Taxiway Papa	TW P	1605	70	70	68	67	66	65	64	63	62	61	60
Taxiway Papa	TW P	1610	77	77	75	74	73	71	70	70	69	68	67
Taxiway Quebec	TW Q	1705	89	88	86	83	81	79	77	76	74	73	72

Table D-1: Pavement Condition Prediction (Continued)

Branch Name	Branch ID	Section ID	Current PCI	PCI Forecast									
				2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Taxiway Quebec	TW Q	1707	94	94	91	90	88	86	84	82	81	79	78
Taxiway Quebec	TW Q	1710	74	74	72	71	70	69	67	66	65	64	63
Taxiway Quebec	TW Q	1715	49	49	48	47	45	44	43	42	41	39	38
Taxiway Romeo	TW R	1805	82	82	80	78	77	76	74	73	72	70	69
Taxiway Sierra	TW S	1905	83	83	81	79	78	76	75	74	72	71	70
Taxiway Sierra	TW S	1910	66	66	65	64	62	61	60	59	58	57	56
Taxiway Sierra	TW S	1915	62	62	61	60	59	58	57	56	55	54	53
Taxiway S-1	TW S1	1950	35	35	33	32	30	28	27	25	23	21	19
Taxiway S-3	TW S3	1960	64	64	63	62	61	60	59	57	56	55	54
Taxiway S-3	TW S3	1965	60	60	59	58	57	56	55	54	53	52	51

Figure D-1: Predicted PCI by Pavement Use



APPENDIX E

YEAR 1 MAINTENANCE ACTIVITIES TABLE

Table E-1: Year 1 Maintenance Activities

Branch Name	Branch ID	Section ID	Distress Description	Distress Severity	Work Description	Work Quantity	Work Unit	Unit Cost	Work Cost
Run-Up Apron at RW 26	AP RU RW26	5205	WEATH/RAVEL	L	Surface Seal - Rejuvenating	29,999.80	SqFt	$0.40	$12,000.00
Runway 13-31	RW 13-31	6205	PATCHING	M	Patching - AC Deep	31.30	SqFt	$4.90	$153.13
Runway 13-31	RW 13-31	6205	WEATH/RAVEL	L	Surface Seal - Rejuvenating	57,492.90	SqFt	$0.40	$22,997.33
Runway 13-31	RW 13-31	6205	WEATH/RAVEL	M	Surface Seal - Coat Tar	8,803.60	SqFt	$0.40	$3,521.47
Runway 13-31	RW 13-31	6210	WEATH/RAVEL	L	Surface Seal - Rejuvenating	13,515.60	SqFt	$0.40	$5,406.27
Runway 13-31	RW 13-31	6210	WEATH/RAVEL	M	Surface Seal - Coat Tar	5.90	SqFt	$0.40	$2.35
Runway 8-26	RW 8-26	6105	WEATH/RAVEL	L	Surface Seal - Rejuvenating	33,649.70	SqFt	$0.40	$13,460.00
Runway 8-26	RW 8-26	6105	L & T CR	M	Crack Sealing - AC	70.00	Ft	$2.25	$157.54
Runway 8-26	RW 8-26	6105	WEATH/RAVEL	M	Surface Seal - Coat Tar	915.00	SqFt	$0.40	$366.00
Runway 8-26	RW 8-26	6105	L & T CR	H	Crack Sealing - AC	3.00	Ft	$2.25	$6.75
Runway 8-26	RW 8-26	6105	PATCHING	M	Patching - AC Deep	7.30	SqFt	$4.90	$36.00
Taxiway Alpha	TW A	110	WEATH/RAVEL	L	Surface Seal - Rejuvenating	924.00	SqFt	$0.40	$369.60
Taxiway Bravo	TW B	210	WEATH/RAVEL	L	Surface Seal - Rejuvenating	14,727.20	SqFt	$0.40	$5,890.91
Taxiway Charlie	TW C	315	WEATH/RAVEL	L	Surface Seal - Rejuvenating	273.30	SqFt	$0.40	$109.31
Taxiway Charlie	TW C	320	WEATH/RAVEL	L	Surface Seal - Rejuvenating	137.50	SqFt	$0.40	$55.00
Taxiway Echo	TW E	525	WEATH/RAVEL	L	Surface Seal - Rejuvenating	217.50	SqFt	$0.40	$87.00
Taxiway Echo	TW E	575	WEATH/RAVEL	L	Surface Seal - Rejuvenating	2,649.60	SqFt	$0.40	$1,059.84
Taxiway Foxtrot	TW F	602	WEATH/RAVEL	L	Surface Seal - Rejuvenating	22,999.80	SqFt	$0.40	$9,200.00
Taxiway Foxtrot	TW F	607	L & T CR	M	Crack Sealing - AC	2.10	Ft	$2.25	$4.72
Taxiway Foxtrot	TW F	607	WEATH/RAVEL	L	Surface Seal - Rejuvenating	1,841.60	SqFt	$0.40	$736.66
Taxiway Foxtrot	TW F	607	WEATH/RAVEL	M	Surface Seal - Coat Tar	82.00	SqFt	$0.40	$32.79
Taxiway Quebec	TW Q	1705	WEATH/RAVEL	L	Surface Seal - Rejuvenating	1,035.00	SqFt	$0.40	$414.00
Taxiway Quebec	TW Q	1707	WEATH/RAVEL	L	Surface Seal - Rejuvenating	400.00	SqFt	$0.40	$160.00
Taxiway Quebec	TW Q	1710	WEATH/RAVEL	L	Surface Seal - Rejuvenating	4,851.40	SqFt	$0.40	$1,940.57
Taxiway Romeo	TW R	1805	WEATH/RAVEL	L	Surface Seal - Rejuvenating	1,437.50	SqFt	$0.40	$575.00

Table E-1: Year 1 Maintenance Activities (Continued)

Branch Name	Branch ID	Section ID	Distress Description	Distress Severity	Work Description	Work Quantity	Work Unit	Unit Cost	Work Cost
Taxiway Sierra	TW S	1905	WEATH/RAVEL	L	Surface Seal - Rejuvenating	1,281.60	SqFt	$0.40	$512.64
Taxiway Sierra	TW S	1910	WEATH/RAVEL	L	Surface Seal - Rejuvenating	6,852.50	SqFt	$0.40	$2,741.03
Taxiway Sierra	TW S	1910	WEATH/RAVEL	M	Surface Seal - Coat Tar	392.40	SqFt	$0.40	$156.98
Taxiway Foxtrot	TW F	620	WEATH/RAVEL	L	Surface Seal - Rejuvenating	104,999.10	SqFt	$0.40	$42,000.00
Taxiway F-9	TW F9	625	WEATH/RAVEL	L	Surface Seal - Rejuvenating	11,708.30	SqFt	$0.40	$4,683.38
Taxiway F-9	TW F9	625	WEATH/RAVEL	M	Surface Seal - Coat Tar	379.70	SqFt	$0.40	$151.89
Taxiway Golf	TW G	705	WEATH/RAVEL	L	Surface Seal - Rejuvenating	2,002.00	SqFt	$0.40	$800.81
Taxiway Golf	TW G	720	WEATH/RAVEL	L	Surface Seal - Rejuvenating	560.00	SqFt	$0.40	$224.00
Taxiway Hotel	TW H	805	WEATH/RAVEL	L	Surface Seal - Rejuvenating	7,730.60	SqFt	$0.40	$3,092.27
Taxiway Hotel	TW H	805	WEATH/RAVEL	M	Surface Seal - Coat Tar	142.70	SqFt	$0.40	$57.09
Taxiway Hotel	TW H	807	WEATH/RAVEL	L	Surface Seal - Rejuvenating	193.80	SqFt	$0.40	$77.51
Taxiway Juliet	TW J	1005	WEATH/RAVEL	L	Surface Seal - Rejuvenating	1,929.20	SqFt	$0.40	$771.69
Taxiway Juliet	TW J	1010	WEATH/RAVEL	L	Surface Seal - Rejuvenating	412.30	SqFt	$0.40	$164.93
Taxiway Lima	TW L	1206	WEATH/RAVEL	L	Surface Seal - Rejuvenating	53,602.50	SqFt	$0.40	$21,441.18
Taxiway Lima	TW L	1206	WEATH/RAVEL	M	Surface Seal - Coat Tar	661.80	SqFt	$0.40	$264.71
Taxiway Lima	TW L	1210	WEATH/RAVEL	L	Surface Seal - Rejuvenating	2,378.00	SqFt	$0.40	$951.22
Taxiway Mike	TW M	1315	WEATH/RAVEL	L	Surface Seal - Rejuvenating	165.00	SqFt	$0.40	$66.00
Taxiway November	TW N	1405	WEATH/RAVEL	M	Surface Seal - Coat Tar	20.00	SqFt	$0.40	$8.00
Taxiway November	TW N	1405	WEATH/RAVEL	L	Surface Seal - Rejuvenating	3,600.00	SqFt	$0.40	$1,440.00
Taxiway November	TW N	1415	WEATH/RAVEL	L	Surface Seal - Rejuvenating	17,999.90	SqFt	$0.40	$7,200.00
Taxiway November	TW N	1425	WEATH/RAVEL	L	Surface Seal - Rejuvenating	199.10	SqFt	$0.40	$79.64
Taxiway November	TW N	1430	WEATH/RAVEL	L	Surface Seal - Rejuvenating	60.00	SqFt	$0.40	$24.00
Taxiway Papa	TW P	1605	WEATH/RAVEL	L	Surface Seal - Rejuvenating	9,823.80	SqFt	$0.40	$3,929.57
Taxiway Papa	TW P	1610	WEATH/RAVEL	L	Surface Seal - Rejuvenating	3,149.90	SqFt	$0.40	$1,259.96
								Total =	$170,840.74

APPENDIX F

MAJOR M&R PLAN BY YEAR UNDER UNLIMITED FUNDING SCENARIO TABLE

Table F-1: Major M&R Plan by Year under Unlimited Funding Scenario

Year	Branch Name	Section ID	Surface Type	Section Area (ft^2)	Major M&R Costs*	PCI Before M&R	M&R Activity	PCI After M&R
2012	Run-Up Apron at RW 13	5105	AC	18,300	$62,256.61	61	Mill and Overlay	100
2012	Taxiway Bravo	205	AAC	25,242	$78,856.01	62	Mill and Overlay	100
2012	Taxiway Charlie	305	AAC	71,000	$540,310.27	50	Mill and Overlay	100
2012	Taxiway Echo	580	AC	4,255	$15,658.40	60	Mill and Overlay	100
2012	Taxiway Foxtrot	605	AAC	128,538	$675,081.86	56	Mill and Overlay	100
2012	Taxiway Foxtrot	630	AC	14,625	$41,622.75	63	Mill and Overlay	100
2012	Taxiway Golf	723	AC	65,000	$290,290.10	58	Mill and Overlay	100
2012	Taxiway Mike	1320	AC	9,666	$73,558.30	45	Mill and Overlay	100
2012	Taxiway November	1420	AAC	9,715	$27,648.89	63	Mill and Overlay	100
2012	Taxiway Quebec	1715	AC	6,040	$45,964.42	49	Mill and Overlay	100
2012	Taxiway Sierra	1915	AC	18,995	$59,340.38	62	Mill and Overlay	100
2012	Taxiway S-1	1950	AC	4,590	$60,083.10	35	Reconstruction	100
2012	Taxiway S-3	1960	AC	4,781	$12,277.61	64	Mill and Overlay	100
2012	Taxiway S-3	1965	AC	36,000	$132,480.03	60	Mill and Overlay	100
2014	Taxiway F-9	625	AC	41,865	$114,056.63	64	Mill and Overlay	100
2014	Taxiway Lima	1206	AC	49,690	$135,374.99	64	Mill and Overlay	100
2014	Taxiway November	1415	AC	11,710	$31,902.62	64	Mill and Overlay	100
2014	Taxiway Sierra	1910	AC	7,245	$19,738.21	64	Mill and Overlay	100
2015	Holding Apron at TWs A and E	5505	AC	33,090	$92,854.60	64	Mill and Overlay	100
2015	Taxiway Golf	705	AC	22,000	$61,734.70	64	Mill and Overlay	100
2016	Runway 8-26	6105	AAC	600,000	$1,734,183.84	64	Mill and Overlay	100
2016	Taxiway Foxtrot	602	AC	18,170	$52,516.87	64	Mill and Overlay	100
2016	Taxiway Hotel	805	AC	15,610	$45,117.68	64	Mill and Overlay	100
2017	Runway 13-31	6205	AAC	63,400	$188,742.79	64	Mill and Overlay	100
2017	Taxiway Echo	575	AC	32,440	$96,574.39	64	Mill and Overlay	100

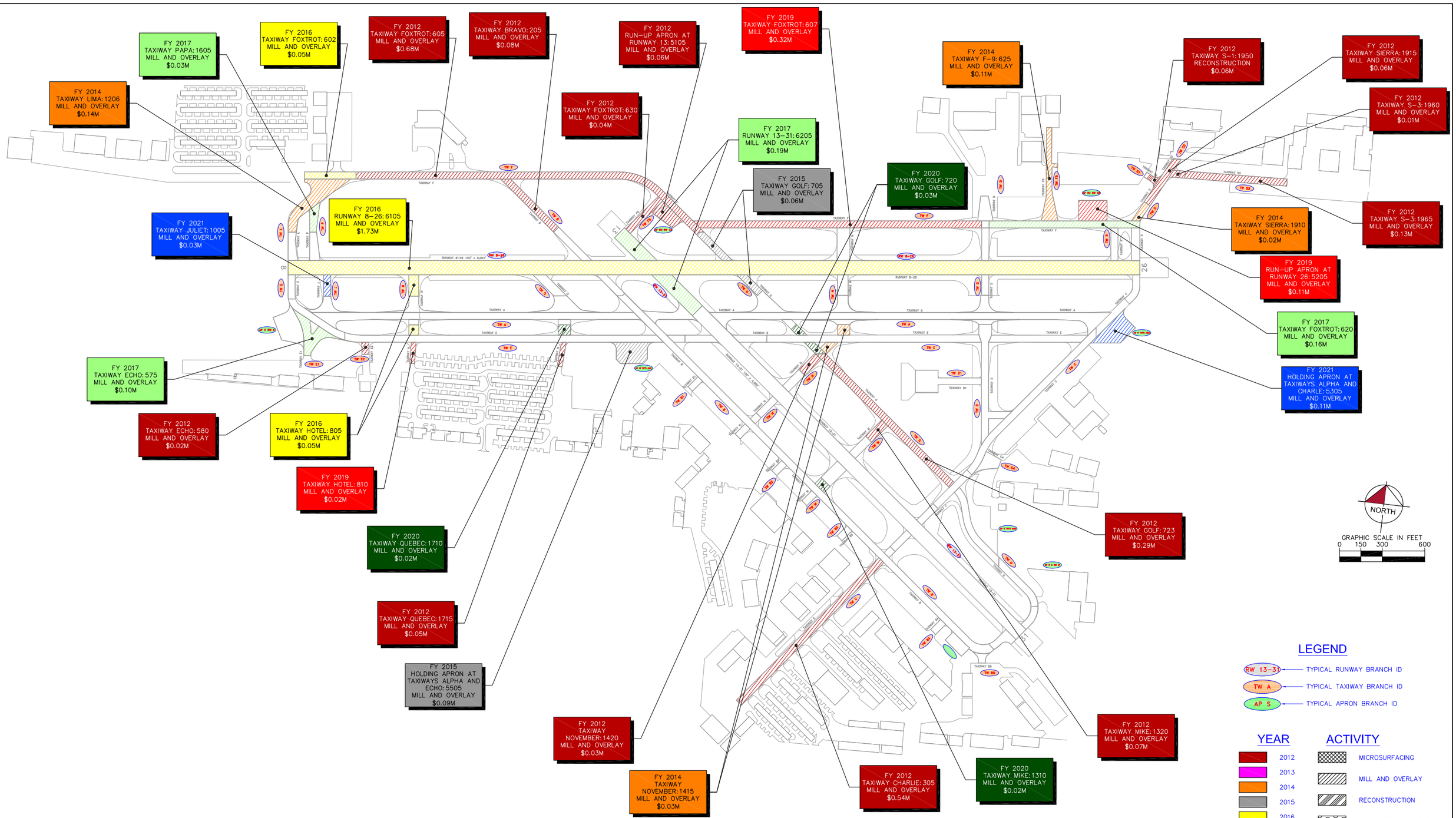
Table F-1: Major M&R Plan by Year under Unlimited Funding Scenario (Continued)

Year	Branch Name	Section ID	Surface Type	Section Area (ft^2)	Major M&R Costs*	PCI Before M&R	M&R Activity	PCI After M&R
2017	Taxiway Foxtrot	620	AC	53,100	$158,079.53	64	Mill and Overlay	100
2017	Taxiway Papa	1605	AC	10,660	$31,734.99	64	Mill and Overlay	100
2019	Run-Up Apron at RW 26	5205	AC	30,000	$105,006.63	63	Mill and Overlay	100
2019	Taxiway Foxtrot	607	AAC	100,495	$317,394.95	64	Mill and Overlay	100
2019	Taxiway Hotel	810	AC	5,110	$16,138.99	64	Mill and Overlay	100
2020	Taxiway Golf	720	AC	9,875	$32,124.02	64	Mill and Overlay	100
2020	Taxiway Mike	1310	AC	5,473	$17,804.03	64	Mill and Overlay	100
2020	Taxiway Quebec	1710	AC	6,421	$20,887.93	64	Mill and Overlay	100
2021	Holding Apron at TWs A and C	5305	AC	33,709	$112,947.31	64	Mill and Overlay	100
2021	Taxiway Juliet	1005	AC	7,600	$25,465.00	64	Mill and Overlay	100
				Total	**$5,525,809.43**	**61**		**100**

* Costs are adjusted for inflation.

APPENDIX G

10-YEAR M&R MAP



PLOTTED: June 20, 2012 – 2:39 PM, BY: Burton, George A

NUMBER	DATE	REVISIONS
DESIGNED: NR	DRAWN: GB	CHECKED:	DATE: MAY 2012

P:\Com_Shared\FDOT Aviation 2010-2011\2010-2011-Phase II\CAD\Revised Airports\FXE\EXHIBITS\2011-FXE-MAINTENANCE.dwg

10-YEAR M&R MAP

FORT LAUDERDALE EXECUTIVE AIRPORT
BROWARD COUNTY, FLORIDA

FLORIDA DEPARTMENT OF TRANSPORTATION - AVIATION OFFICE

IDENTIFIER
FXE
FDOT DISTRICT
4

APPENDIX H

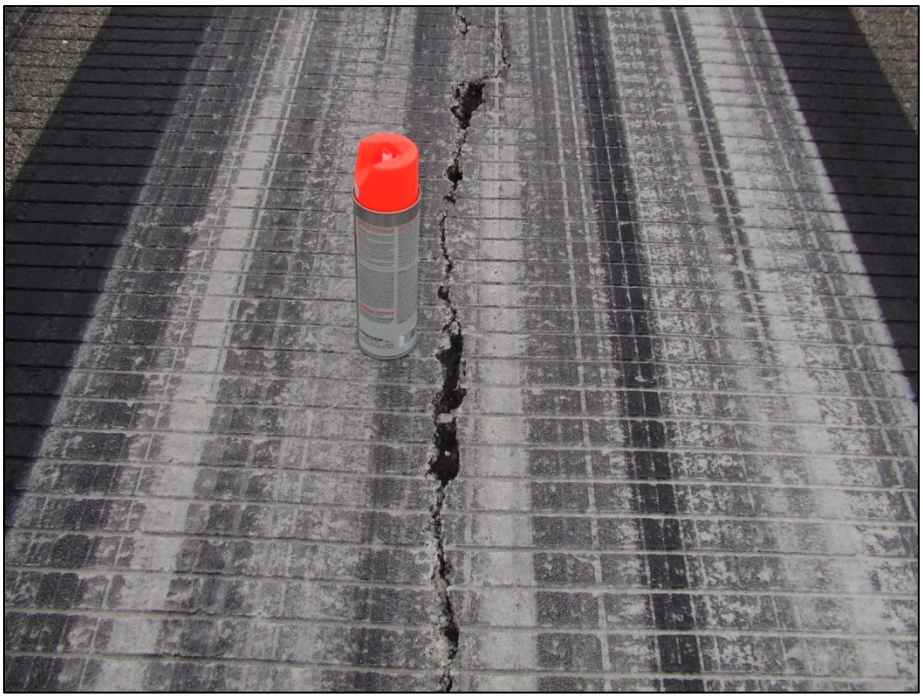
PHOTOGRAPHS

Taxiway Sierra, Section 1965, Sample Unit 5 – Low severity (48) Longitudinal and Transverse Cracking and medium severity (52) Weathering and Raveling.

Taxiway Charlie, Section 305, Sample Unit 309 – Low severity (48) Longitudinal and Transverse Cracking and low severity (52) Weathering and Raveling.

Runway 13-31, Section 6205, Sample Unit 175 – Medium severity (50) Patching and low severity (52) Weathering and Raveling.

Taxiway Papa, Section 1610, Sample Unit 2 – Low severity (50) Patching and low severity (52) Weathering and Raveling.



Runway 8-26, Section 6105, Sample Unit 347 – Low severity (48) Longitudinal and Transverse Cracking

Runway 8-26, Section 6105, Sample Unit 303 – Low severity (48) Longitudinal and Transverse Cracking and low severity (52) Weathering and Raveling.

Taxiway S-1, Section 1950, Sample Unit 150 – High severity (45) Depression and low to high severity (52) Weathering and Raveling.

Taxiway Foxtrot, Section 607, Sample Unit 138 – Medium severity (52) Weathering and Raveling.

APPENDIX I

PCI RE-INSPECTION REPORT

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: AP HLD 31W Name: WEST HOLDING APRON AT RW Use: APRON Area: 12,000.00SqFt

Section: 5705 of 1 From: - To: - Last Const.: 1/1/2010
Surface: AAC Family: FDOT-RL-AP-AAC Zone: Category: Rank: P
Area: 12,000.00SqFt Length: 60.00Ft Width: 200.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date12/5/1999 Total Samples: 3 Surveyed: 1
Conditions: PCI:100.00 |
Inspection Comments: IMPORTED FROM AIRPAV

Sample Number: 100 Type: R Area: 5,000.00SqFt PCI = 100
Sample Comments:
<NO DISTRESSES>

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: AP HLD 8 Name: HOLDING APRON AT RW 8 Use: APRON Area: 35,683.00SqFt

Section: 5805 of 1 From: - To: - Last Const.: 1/1/1996
Surface: AAC Family: FDOT-RL-AP-AAC Zone: Category: Rank: P
Area: 35,683.00SqFt Length: 180.00Ft Width: 200.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/5/1999 Total Samples: 15 Surveyed: 1
Conditions: PCI:97.00 |
Inspection Comments: IMPORTED FROM AIRPAV

Sample Number: 200 Type: R Area: 5,000.00SqFt PCI = 97
Sample Comments:

48 L & T CR	L	6.00 Ft	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: AP HLD A,C Name: HOLDING APRON AT TWS A AN Use: APRON Area: 33,709.00SqFt

Section: 5305 of 1 From: - To: - Last Const.: 1/1/1998
Surface: AC Family: FDOT-RL-AP-AC Zone: Category: Rank: T
Area: 33,709.00SqFt Length: 200.00Ft Width: 150.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/5/1999 Total Samples: 10 Surveyed: 1
Conditions: PCI:100.00 |
Inspection Comments: IMPORTED FROM AIRPAV

Sample Number: 301 Type: R Area: 5,000.00SqFt PCI = 100
Sample Comments:
<NO DISTRESSES>

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: AP HLD A,E Name: HOLDING APRON AT TW A AND Use: APRON Area: 33,090.00SqFt

Section: 5505 of 1 From: - To: - Last Const.: 1/1/1979
Surface: AC Family: FDOT-RL-AP-AC Zone: Category: Rank: P
Area: 33,090.00SqFt Length: 150.00Ft Width: 200.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/5/1999 Total Samples: 15 Surveyed: 1
Conditions: PCI:86.00 |
Inspection Comments: IMPORTED FROM AIRPAV

Sample Number: 151 Type: R Area: 5,000.00SqFt PCI = 87
Sample Comments:

48 L & T CR	L	65.00 Ft	Comments:
53 RUTTING	L	3.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: AP RU RW13 Name: RUN-UP APRON AT RW 13 Use: APRON Area: 18,300.00SqFt

Section: 5105 of 1 From: - To: - Last Const.: 1/1/1997
Surface: AC Family: FDOT-RL-AP-AC Zone: Category: Rank: P
Area: 18,300.00SqFt Length: 91.50Ft Width: 200.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 4 Surveyed: 1
Conditions: PCI:61.00 |
Inspection Comments:

Sample Number: 101 Type: R Area: 5,000.00SqFt PCI = 61
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	87.02	Ft	Comments:
50	PATCHING	L	25.00	SqFt	Comments:
52	WEATHERING/RAVELING	L	4,929.96	SqFt	Comments:
52	WEATHERING/RAVELING	M	70.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: AP RU RW26 Name: RUN-UP APRON AT RW 26 Use: APRON Area: 30,000.00SqFt

Section: 5205 of 1 From: - To: - Last Const.: 1/1/1998
Surface: AC Family: FDOT-RL-AP-AC Zone: Category: Rank: P
Area: 30,000.00SqFt Length: 150.00Ft Width: 200.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 6 Surveyed: 1
Conditions: PCI:72.00 |
Inspection Comments:

Sample Number: 150 Type: R Area: 5,000.00SqFt PCI = 72
Sample Comments:

50 PATCHING	L	0.25 SqFt	Comments:
52 WEATHERING/RAVELING	L	4,999.96 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: RW 13-31 Name: RUNWAY 13-31 Use: RUNWAY Area: 385,900.00SqFt

Section: 6205 of 2 From: - To: - Last Const.: 1/1/2004
Surface: AAC Family: FDOT-RL-RW-AAC Zone: Category: Rank: S
Area: 63,400.00SqFt Length: 634.00Ft Width: 100.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 14 Surveyed: 3
Conditions: PCI:73.00 |
Inspection Comments:

Sample Number: 165 Type: R Area: 5,000.00SqFt PCI = 72
Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	69.02	Ft	Comments:
50 PATCHING	M	0.25	SqFt	Comments:
52 WEATHERING/RAVELING	L	390.00	SqFt	Comments:
52 WEATHERING/RAVELING	M	171.00	SqFt	Comments:

Sample Number: 170 Type: R Area: 5,000.00SqFt PCI = 78
Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	65.02	Ft	Comments:
52 WEATHERING/RAVELING	L	649.99	SqFt	Comments:
52 WEATHERING/RAVELING	M	22.00	SqFt	Comments:
56 SWELLING	L	2.00	SqFt	Comments:

Sample Number: 175 Type: R Area: 5,000.00SqFt PCI = 70
Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	15.00	Ft	Comments:
50 PATCHING	M	0.25	SqFt	Comments:
52 WEATHERING/RAVELING	L	1,199.99	SqFt	Comments:
52 WEATHERING/RAVELING	M	150.00	SqFt	Comments:
56 SWELLING	L	6.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: RW 13-31 Name: RUNWAY 13-31 Use: RUNWAY Area: 385,900.00SqFt

Section: 6210 of 2 From: - To: - Last Const.: 1/1/2007
Surface: AAC Family: FDOT-RL-RW-AAC Zone: Category: Rank: S
Area: 322,500.00SqFt Length: 3,225.00Ft Width: 100.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 65 Surveyed: 11
Conditions: PCI:90.00 |
Inspection Comments:

Sample Number: 101 Type: R Area: 5,000.00SqFt PCI = 87
Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	55.01	Ft	Comments:
52 WEATHERING/RAVELING	L	350.00	SqFt	Comments:

Sample Number: 105 Type: R Area: 5,000.00SqFt PCI = 88
Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	11.00	Ft	Comments:
50 PATCHING	L	0.25	SqFt	Comments:
52 WEATHERING/RAVELING	L	275.00	SqFt	Comments:

Sample Number: 114 Type: R Area: 5,000.00SqFt PCI = 90
Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	56.01	Ft	Comments:
52 WEATHERING/RAVELING	L	150.00	SqFt	Comments:

Sample Number: 120 Type: R Area: 5,000.00SqFt PCI = 87
Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	113.03	Ft	Comments:
52 WEATHERING/RAVELING	L	300.00	SqFt	Comments:

Sample Number: 128 Type: R Area: 5,000.00SqFt PCI = 88
Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	44.01	Ft	Comments:
52 WEATHERING/RAVELING	L	250.00	SqFt	Comments:

Sample Number: 135 Type: R Area: 5,000.00SqFt PCI = 89
Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	62.02	Ft	Comments:
52 WEATHERING/RAVELING	L	200.00	SqFt	Comments:

Sample Number: 138 Type: R Area: 5,000.00SqFt PCI = 85
Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	51.01	Ft	Comments:
50 PATCHING	L	0.25	SqFt	Comments:
52 WEATHERING/RAVELING	L	350.00	SqFt	Comments:

Sample Number: 145 Type: R Area: 5,000.00SqFt PCI = 96
Sample Comments:

52 WEATHERING/RAVELING	L	100.00	SqFt	Comments:

Sample Number: 149 Type: R Area: 5,000.00SqFt PCI = 93
Sample Comments:

52 WEATHERING/RAVELING	L	75.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

52 WEATHERING/RAVELING	M	1.00	SqFt	Comments:

Sample Number: 156 Type: R Area: 5,000.00SqFt PCI = 92
Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	12.00	Ft	Comments:
52 WEATHERING/RAVELING	L	130.00	SqFt	Comments:

Sample Number: 161 Type: R Area: 5,000.00SqFt PCI = 91
Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	26.01	Ft	Comments:
52 WEATHERING/RAVELING	L	125.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: RW 8-26 Name: RUNWAY 8-26 Use: RUNWAY Area: 600,000.00SqFt

Section: 6105 of 1 From: - To: - Last Const.: 1/1/1978
Surface: AAC Family: FDOT-RL-RW-AAC Zone: Category: Rank: T
Area: 600,000.00SqFt Length: 6,000.00Ft Width: 100.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 120 Surveyed: 20
Conditions: PCI:70.00 |
Inspection Comments:

Sample Number: 303 Type: R Area: 5,000.00SqFt PCI = 72
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	123.03	Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	8.00	Ft	Comments:
52	WEATHERING/RAVELING	L	1,549.99	SqFt	Comments:
56	SWELLING	L	21.00	SqFt	Comments:

Sample Number: 309 Type: R Area: 5,000.00SqFt PCI = 71
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	110.03	Ft	Comments:
52	WEATHERING/RAVELING	L	1,799.99	SqFt	Comments:
53	RUTTING	L	25.00	SqFt	Comments:
56	SWELLING	L	15.00	SqFt	Comments:

Sample Number: 313 Type: R Area: 5,000.00SqFt PCI = 73
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	63.02	Ft	Comments:
50	PATCHING	L	0.25	SqFt	Comments:
52	WEATHERING/RAVELING	L	1,249.99	SqFt	Comments:
53	RUTTING	L	25.00	SqFt	Comments:

Sample Number: 320 Type: R Area: 5,000.00SqFt PCI = 73
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	157.04	Ft	Comments:
52	WEATHERING/RAVELING	L	1,699.99	SqFt	Comments:
53	RUTTING	L	75.00	SqFt	Comments:

Sample Number: 331 Type: R Area: 5,000.00SqFt PCI = 60
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	216.06	Ft	Comments:
50	PATCHING	L	0.25	SqFt	Comments:
50	PATCHING	M	0.25	SqFt	Comments:
52	WEATHERING/RAVELING	L	1,799.99	SqFt	Comments:
52	WEATHERING/RAVELING	M	25.00	SqFt	Comments:
53	RUTTING	L	50.00	SqFt	Comments:

Sample Number: 337 Type: R Area: 5,000.00SqFt PCI = 64
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	141.04	Ft	Comments:
52	WEATHERING/RAVELING	L	2,349.98	SqFt	Comments:
52	WEATHERING/RAVELING	M	125.00	SqFt	Comments:
53	RUTTING	L	50.00	SqFt	Comments:
56	SWELLING	L	10.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Sample Number: 342 Type: R Area: 5,000.00SqFt PCI = 62
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	264.07	Ft	Comments:
52	WEATHERING/RAVELING	L	2,549.98	SqFt	Comments:
52	WEATHERING/RAVELING	M	200.00	SqFt	Comments:
53	RUTTING	L	75.00	SqFt	Comments:
56	SWELLING	L	36.00	SqFt	Comments:

Sample Number: 347 Type: R Area: 5,000.00SqFt PCI = 50
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	H	3.00	Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	L	409.10	Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	22.01	Ft	Comments:
52	WEATHERING/RAVELING	L	2,149.98	SqFt	Comments:
52	WEATHERING/RAVELING	M	75.00	SqFt	Comments:
53	RUTTING	L	50.00	SqFt	Comments:
56	SWELLING	L	70.00	SqFt	Comments:

Sample Number: 353 Type: R Area: 5,000.00SqFt PCI = 66
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	181.05	Ft	Comments:
52	WEATHERING/RAVELING	L	1,999.98	SqFt	Comments:
52	WEATHERING/RAVELING	M	100.00	SqFt	Comments:
53	RUTTING	L	25.00	SqFt	Comments:

Sample Number: 357 Type: R Area: 5,000.00SqFt PCI = 64
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	85.02	Ft	Comments:
52	WEATHERING/RAVELING	L	2,699.98	SqFt	Comments:
52	WEATHERING/RAVELING	M	225.00	SqFt	Comments:
53	RUTTING	L	75.00	SqFt	Comments:

Sample Number: 362 Type: R Area: 5,000.00SqFt PCI = 73
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	212.05	Ft	Comments:
52	WEATHERING/RAVELING	L	1,449.99	SqFt	Comments:
52	WEATHERING/RAVELING	M	75.00	SqFt	Comments:
56	SWELLING	L	7.00	SqFt	Comments:

Sample Number: 367 Type: R Area: 5,000.00SqFt PCI = 78
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	183.05	Ft	Comments:
52	WEATHERING/RAVELING	L	1,699.99	SqFt	Comments:

Sample Number: 373 Type: R Area: 5,000.00SqFt PCI = 66
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	96.02	Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	10.00	Ft	Comments:
50	PATCHING	L	75.00	SqFt	Comments:
50	PATCHING	M	0.25	SqFt	Comments:
52	WEATHERING/RAVELING	L	1,099.99	SqFt	Comments:

Sample Number: 377 Type: R Area: 5,000.00SqFt PCI = 73
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	156.04	Ft	Comments:
52	WEATHERING/RAVELING	L	1,549.99	SqFt	Comments:
52	WEATHERING/RAVELING	M	25.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Sample Number: 383 Type: R Area: 5,000.00SqFt PCI = 73
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	M	21.01	Ft	Comments:
50	PATCHING	L	0.25	SqFt	Comments:
52	WEATHERING/RAVELING	L	1,249.99	SqFt	Comments:
52	WEATHERING/RAVELING	M	40.00	SqFt	Comments:

Sample Number: 387 Type: R Area: 5,000.00SqFt PCI = 70
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	188.05	Ft	Comments:
52	WEATHERING/RAVELING	L	1,049.99	SqFt	Comments:
52	WEATHERING/RAVELING	M	25.00	SqFt	Comments:
53	RUTTING	L	50.00	SqFt	Comments:

Sample Number: 394 Type: R Area: 5,000.00SqFt PCI = 75
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	208.05	Ft	Comments:
50	PATCHING	L	0.50	SqFt	Comments:
52	WEATHERING/RAVELING	L	1,949.98	SqFt	Comments:

Sample Number: 399 Type: R Area: 5,000.00SqFt PCI = 71
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	149.04	Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	9.00	Ft	Comments:
50	PATCHING	L	0.25	SqFt	Comments:
52	WEATHERING/RAVELING	L	1,599.99	SqFt	Comments:

Sample Number: 407 Type: R Area: 5,000.00SqFt PCI = 80
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	63.02	Ft	Comments:
52	WEATHERING/RAVELING	L	1,249.99	SqFt	Comments:

Sample Number: 418 Type: R Area: 5,000.00SqFt PCI = 82
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	54.01	Ft	Comments:
52	WEATHERING/RAVELING	L	899.99	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 289,421.00SqFt

Section: 105 of 2 From: - To: - Last Const.: 1/1/2009
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: T
Area: 138,800.00SqFt Length: 2,600.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 28 Surveyed: 3
Conditions: PCI:98.00 |
Inspection Comments:

Sample Number: 132 Type: R Area: 5,000.00SqFt PCI = 98
Sample Comments:
50 PATCHING L 0.75 SqFt Comments:

Sample Number: 142 Type: R Area: 5,000.00SqFt PCI = 98
Sample Comments:
50 PATCHING L 0.75 SqFt Comments:

Sample Number: 152 Type: R Area: 5,000.00SqFt PCI = 98
Sample Comments:
50 PATCHING L 0.25 SqFt Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 289,421.00SqFt

Section: 110 of 2 From: - To: - Last Const.: 1/1/2009
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 150,621.00SqFt Length: 2,800.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 30 Surveyed: 3
Conditions: PCI:97.00 |
Inspection Comments:

Sample Number: 105 Type: R Area: 5,000.00SqFt PCI = 99
Sample Comments:

52 WEATHERING/RAVELING	L	12.00	SqFt	Comments:

Sample Number: 114 Type: R Area: 5,000.00SqFt PCI = 96
Sample Comments:

50 PATCHING	L	0.25	SqFt	Comments:
52 WEATHERING/RAVELING	L	25.00	SqFt	Comments:

Sample Number: 123 Type: R Area: 5,000.00SqFt PCI = 95
Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	9.00	Ft	Comments:
52 WEATHERING/RAVELING	L	40.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 263,987.00SqFt

Section: 205 of 8 From: - To: - Last Const.: 1/1/1997
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 25,242.00SqFt Length: 500.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 5 Surveyed: 1
Conditions: PCI:62.00 |
Inspection Comments:

Sample Number: 145 Type: R Area: 5,000.00SqFt PCI = 62
Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	90.02	Ft	Comments:
50 PATCHING	L	0.50	SqFt	Comments:
52 WEATHERING/RAVELING	L	4,974.96	SqFt	Comments:
52 WEATHERING/RAVELING	M	25.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 263,987.00SqFt

Section: 210 of 8 From: - To: - Last Const.: 1/1/1978
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 25,565.00SqFt Length: 500.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 6 Surveyed: 1
Conditions: PCI:73.00 |
Inspection Comments:

Sample Number: 143 Type: R Area: 5,500.00SqFt PCI = 73
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	47.01 Ft	Comments:
50	PATCHING	L	627.24 SqFt	Comments:
52	WEATHERING/RAVELING	L	450.00 SqFt	Comments:
56	SWELLING	L	30.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 263,987.00SqFt

Section: 215 of 8 From: - To: - Last Const.: 1/1/2010
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 181,674.00SqFt Length: 3,600.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date12/5/1999 Total Samples: 2 Surveyed: 1
Conditions: PCI:76.00 |
Inspection Comments: IMPORTED FROM AIRPAV

Sample Number: 211 Type: R Area: 5,000.00SqFt PCI = 76
Sample Comments:

48 L & T CR	L	522.00 Ft	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 263,987.00SqFt

Section: 220 of 8 From: - To: - Last Const.: 1/1/2010
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 10,516.00SqFt Length: 210.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date12/5/1999 Total Samples: 4 Surveyed: 1
Conditions: PCI:74.00 |
Inspection Comments: IMPORTED FROM AIRPAV

Sample Number: 201 Type: R Area: 5,000.00SqFt PCI = 74
Sample Comments:

43 BLOCK CR	L	1,000.00 SqFt	Comments:
48 L & T CR	L	105.00 Ft	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 263,987.00SqFt

Section: 250 of 8 From: - To: - Last Const.: 1/1/2010
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 4,490.00SqFt Length: 100.00Ft Width: 45.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date12/5/1999 Total Samples: 1 Surveyed: 1
Conditions: PCI:82.00 |
Inspection Comments: IMPORTED FROM AIRPAV

Sample Number: 350 Type: R Area: 5,950.00SqFt PCI = 82
Sample Comments:

45 DEPRESSION	L	20.00	SqFt	Comments:
48 L & T CR	L	80.00	Ft	Comments:
50 PATCHING	L	170.00	SqFt	Comments:
52 WEATH/RAVEL	L	128.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 263,987.00SqFt

Section: 270 of 8 From: - To: - Last Const.: 1/1/2010
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 5,000.00SqFt Length: 100.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date12/5/1999 Total Samples: 2 Surveyed: 1
Conditions: PCI:78.00 |
Inspection Comments: IMPORTED FROM AIRPAV

Sample Number: 250 Type: R Area: 6,500.00SqFt PCI = 78
Sample Comments:

45 DEPRESSION	L	15.00	SqFt	Comments:
48 L & T CR	L	365.00	Ft	Comments:
52 WEATH/RAVEL	M	20.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 263,987.00SqFt

Section: 280 of 8 From: - To: - Last Const.: 1/1/2010
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 5,000.00SqFt Length: 100.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date12/5/1999 Total Samples: 2 Surveyed: 1
Conditions: PCI:21.00 |
Inspection Comments: IMPORTED FROM AIRPAV

Sample Number: 150 Type: R Area: 6,500.00SqFt PCI = 21
Sample Comments:

43 BLOCK CR	L	4,025.00 SqFt	Comments:
48 L & T CR	L	283.00 Ft	Comments:
50 PATCHING	L	100.00 SqFt	Comments:
52 WEATH/RAVEL	H	6,000.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 263,987.00SqFt

Section: 290 of 8 From: - To: - Last Const.: 1/1/2010
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 6,500.00SqFt Length: 162.50Ft Width: 40.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date12/5/1999 Total Samples: 2 Surveyed: 1
Conditions: PCI:21.00 |
Inspection Comments: IMPORTED FROM AIRPAV

Sample Number: 150 Type: R Area: 6,500.00SqFt PCI = 21
Sample Comments:

43 BLOCK CR	L	4,485.00 SqFt	Comments:
48 L & T CR	L	315.00 Ft	Comments:
50 PATCHING	L	100.00 SqFt	Comments:
52 WEATH/RAVEL	H	6,000.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW B2 Name: TAXIWAY B2 Use: TAXIWAY Area: 5,000.00SqFt

Section: 260 of 1 From: - To: - Last Const.: 1/1/2010
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 5,000.00SqFt Length: 100.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date1/1/2010 Total Samples: 0 Surveyed: 0
Conditions: PCI:100.00 |
Inspection Comments: Construction/Major M&R inspection record.

Sample Number: Type: Area: 0.00
<NO SAMPLE RECORDS>

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 206,945.00SqFt

Section: 305 of 7 From: - To: - Last Const.: 1/1/2007
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: T
Area: 71,000.00SqFt Length: 1,420.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 14 Surveyed: 2
Conditions: PCI:50.00 |
Inspection Comments:

Sample Number: 303 Type: R Area: 5,000.00SqFt PCI = 44
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	223.06	Ft	Comments:
50	PATCHING	L	0.25	SqFt	Comments:
52	WEATHERING/RAVELING	L	3,899.97	SqFt	Comments:
52	WEATHERING/RAVELING	M	1,099.99	SqFt	Comments:
53	RUTTING	L	100.00	SqFt	Comments:
56	SWELLING	L	85.00	SqFt	Comments:
56	SWELLING	M	16.00	SqFt	Comments:

Sample Number: 309 Type: R Area: 5,000.00SqFt PCI = 56
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	78.02	Ft	Comments:
52	WEATHERING/RAVELING	L	4,579.96	SqFt	Comments:
52	WEATHERING/RAVELING	M	420.00	SqFt	Comments:
56	SWELLING	L	70.00	SqFt	Comments:
56	SWELLING	M	24.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 206,945.00SqFt

Section: 315 of 7 From: - To: - Last Const.: 1/1/1978
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 3,060.00SqFt Length: 60.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 1 Surveyed: 1
Conditions: PCI:95.00 |
Inspection Comments:

Sample Number: 314 Type: R Area: 3,250.00SqFt PCI = 95
Sample Comments:

50 PATCHING	L	0.25 SqFt	Comments:
52 WEATHERING/RAVELING	L	36.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 206,945.00SqFt

Section: 320 of 7 From: - To: - Last Const.: 1/1/1997
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 16,370.00SqFt Length: 325.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 4 Surveyed: 1
Conditions: PCI:93.00 |
Inspection Comments:

Sample Number: 317 Type: R Area: 5,000.00SqFt PCI = 93
Sample Comments:

50 PATCHING	L	0.50 SqFt	Comments:
52 WEATHERING/RAVELING	L	125.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 206,945.00SqFt

Section: 321 of 7 From: 0 To: 336 Last Const.: 1/1/2007
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 16,800.00SqFt Length: 336.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date1/1/2007 Total Samples: 0 Surveyed: 0
Conditions: PCI:100.00 |
Inspection Comments: Construction/Major M&R inspection record.

Sample Number: Type: Area: 0.00
<NO SAMPLE RECORDS>

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 206,945.00SqFt

Section: 323 of 7 From: 0 To: 1325 Last Const.: 1/1/2013
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 66,250.00SqFt Length: 1,325.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date1/1/2013 Total Samples: 0 Surveyed: 0
Conditions: PCI:100.00 |
Inspection Comments: Construction/Major M&R inspection record.

Sample Number: Type: Area: 0.00
<NO SAMPLE RECORDS>

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 206,945.00SqFt

Section: 325 of 7 From: - To: - Last Const.: 1/1/2013
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 23,450.00SqFt Length: 469.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date12/5/1999 Total Samples: 21 Surveyed: 4
Conditions: PCI:65.00 |
Inspection Comments: IMPORTED FROM AIRPAV

Sample Number: 301 Type: R Area: 5,000.00SqFt PCI = 53
Sample Comments:

41 ALLIGATOR CR	L	25.00 SqFt	Comments:
43 BLOCK CR	L	570.00 SqFt	Comments:
48 L & T CR	L	202.00 Ft	Comments:
53 RUTTING	L	400.00 SqFt	Comments:
56 SWELLING	L	170.00 SqFt	Comments:

Sample Number: 304 Type: R Area: 5,000.00SqFt PCI = 62
Sample Comments:

41 ALLIGATOR CR	L	12.00 SqFt	Comments:
43 BLOCK CR	L	1,350.00 SqFt	Comments:
48 L & T CR	L	165.00 Ft	Comments:
56 SWELLING	L	280.00 SqFt	Comments:

Sample Number: 309 Type: R Area: 5,000.00SqFt PCI = 74
Sample Comments:

48 L & T CR	L	614.00 Ft	Comments:

Sample Number: 314 Type: R Area: 5,000.00SqFt PCI = 71
Sample Comments:

43 BLOCK CR	L	1,000.00 SqFt	Comments:
48 L & T CR	L	515.00 Ft	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 206,945.00SqFt

Section: 335 of 7 From: - To: - Last Const.: 1/1/1996
Surface: APC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 10,015.00SqFt Length: 200.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/5/1999 Total Samples: 20 Surveyed: 3
Conditions: PCI:100.00 |
Inspection Comments: IMPORTED FROM AIRPAV

Sample Number: 303 Type: R Area: 5,000.00SqFt PCI = 100
Sample Comments:
<NO DISTRESSES>

Sample Number: 308 Type: R Area: 5,000.00SqFt PCI = 100
Sample Comments:
<NO DISTRESSES>

Sample Number: 314 Type: R Area: 5,000.00SqFt PCI = 100
Sample Comments:
<NO DISTRESSES>

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW C4 Name: TAXIWAY C4 Use: TAXIWAY Area: 13,395.00SqFt

Section: 350 of 1 From: - To: - Last Const.: 1/1/2001
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 13,395.00SqFt Length: 135.00Ft Width: 100.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date1/1/2001 Total Samples: 0 Surveyed: 0
Conditions: PCI:100.00 |
Inspection Comments: Construction/Major M&R inspection record.

Sample Number: Type: Area: 0.00
<NO SAMPLE RECORDS>

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW D Name: TAXIWAY D Use: TAXIWAY Area: 101,105.00SqFt

Section: 405 of 4 From: - To: - Last Const.: 1/1/2013
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: T
Area: 14,080.00SqFt Length: 175.00Ft Width: 85.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date12/5/1999 Total Samples: 4 Surveyed: 1
Conditions: PCI:94.00 |
Inspection Comments: IMPORTED FROM AIRPAV

Sample Number: 405 Type: R Area: 3,650.00SqFt PCI = 94
Sample Comments:

48 L & T CR	L	47.00 Ft	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW D Name: TAXIWAY D Use: TAXIWAY Area: 101,105.00SqFt

Section: 410 of 4 From: - To: - Last Const.: 1/1/2013
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 18,960.00SqFt Length: 380.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date12/5/1999 Total Samples: 4 Surveyed: 2
Conditions: PCI:74.00 |
Inspection Comments: IMPORTED FROM AIRPAV

Sample Number: 402 Type: R Area: 3,750.00SqFt PCI = 65
Sample Comments:

43 BLOCK CR	L	2,250.00 SqFt	Comments:
48 L & T CR	L	75.00 Ft	Comments:

Sample Number: 403 Type: R Area: 5,600.00SqFt PCI = 80
Sample Comments:

48 L & T CR	L	148.00 Ft	Comments:
53 RUTTING	L	54.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW D Name: TAXIWAY D Use: TAXIWAY Area: 101,105.00SqFt

Section: 412 of 4 From: - To: - Last Const.: 1/1/2013
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 16,550.00SqFt Length: 155.00Ft Width: 100.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date1/1/2013 Total Samples: 0 Surveyed: 0
Conditions: PCI:100.00 |
Inspection Comments: Construction/Major M&R inspection record.

Sample Number: Type: Area: 0.00
<NO SAMPLE RECORDS>

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW D Name: TAXIWAY D Use: TAXIWAY Area: 101,105.00SqFt

Section: 415 of 4 From: - To: - Last Const.: 1/1/2013
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 51,515.00SqFt Length: 1,030.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date12/5/1999 Total Samples: 1 Surveyed: 1
Conditions: PCI:61.00 |
Inspection Comments: IMPORTED FROM AIRPAV

Sample Number: 400 Type: R Area: 3,750.00SqFt PCI = 61
Sample Comments:

43 BLOCK CR	L	3,350.00 SqFt	Comments:
52 WEATH/RAVEL	L	340.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW D1 Name: TAXIWAY D1 Use: TAXIWAY Area: 39,595.00SqFt

Section: 450 of 1 From: - To: - Last Const.: 1/1/2013
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 39,595.00SqFt Length: 465.00Ft Width: 85.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date4/4/2012 Total Samples: 8 Surveyed: 1
Conditions: PCI:42.00 |
Inspection Comments:

Sample Number: 202 Type: R Area: 5,000.00SqFt PCI = 42
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	97.02	Ft	Comments:
52	WEATHERING/RAVELING	L	1,699.99	SqFt	Comments:
52	WEATHERING/RAVELING	M	3,299.97	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW E Name: TAXIWAY E Use: TAXIWAY Area: 316,163.00SqFt

Section: 502 of 7 From: - To: - Last Const.: 7/1/2013
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: T
Area: 8,490.00SqFt Length: 170.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date4/4/2012 Total Samples: 2 Surveyed: 1
Conditions: PCI:70.00 |
Inspection Comments:

Sample Number: 101 Type: R Area: 4,600.00SqFt PCI = 70
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	37.01 Ft	Comments:
52	WEATHERING/RAVELING	L	4,099.97 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW E Name: TAXIWAY E Use: TAXIWAY Area: 316,163.00SqFt

Section: 505 of 7 From: - To: - Last Const.: 7/1/2013
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 23,328.00SqFt Length: 466.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date4/4/2012 Total Samples: 5 Surveyed: 1
Conditions: PCI:78.00 |
Inspection Comments:

Sample Number: 104 Type: R Area: 5,000.00SqFt PCI = 78
Sample Comments:

50 PATCHING	L	1.00	SqFt	Comments:
52 WEATHERING/RAVELING	L	2,499.98	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW E Name: TAXIWAY E Use: TAXIWAY Area: 316,163.00SqFt

Section: 520 of 7 From: - To: - Last Const.: 7/1/2013
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 115,800.00SqFt Length: 2,315.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date4/4/2012 Total Samples: 24 Surveyed: 3
Conditions: PCI:62.00 |
Inspection Comments:

Sample Number: 111 Type: R Area: 5,000.00SqFt PCI = 56
Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	139.04	Ft	Comments:
50 PATCHING	L	20.00	SqFt	Comments:
52 WEATHERING/RAVELING	L	3,699.97	SqFt	Comments:
52 WEATHERING/RAVELING	M	1,299.99	SqFt	Comments:

Sample Number: 120 Type: R Area: 5,000.00SqFt PCI = 53
Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	281.07	Ft	Comments:
52 WEATHERING/RAVELING	L	3,099.97	SqFt	Comments:
52 WEATHERING/RAVELING	M	1,899.98	SqFt	Comments:

Sample Number: 127 Type: R Area: 5,000.00SqFt PCI = 78
Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	313.08	Ft	Comments:
52 WEATHERING/RAVELING	L	999.99	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW E Name: TAXIWAY E Use: TAXIWAY Area: 316,163.00SqFt

Section: 525 of 7 From: - To: - Last Const.: 1/1/2007
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 21,750.00SqFt Length: 435.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 6 Surveyed: 1
Conditions: PCI:92.00 |
Inspection Comments:

Sample Number: 133 Type: R Area: 5,000.00SqFt PCI = 92
Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	9.00	Ft	Comments:
50 PATCHING	L	0.50	SqFt	Comments:
52 WEATHERING/RAVELING	L	50.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW E Name: TAXIWAY E Use: TAXIWAY Area: 316,163.00SqFt

Section: 530 of 7 From: - To: - Last Const.: 7/1/2014
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 110,100.00SqFt Length: 2,202.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date4/4/2012 Total Samples: 23 Surveyed: 3
Conditions: PCI:67.00 |
Inspection Comments:

Sample Number: 141 Type: R Area: 5,000.00SqFt PCI = 66
Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	7.00	Ft	Comments:
52 WEATHERING/RAVELING	L	4,984.96	SqFt	Comments:
52 WEATHERING/RAVELING	M	15.00	SqFt	Comments:

Sample Number: 148 Type: R Area: 5,000.00SqFt PCI = 64
Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	32.01	Ft	Comments:
52 WEATHERING/RAVELING	L	4,944.96	SqFt	Comments:
52 WEATHERING/RAVELING	M	55.00	SqFt	Comments:

Sample Number: 157 Type: R Area: 5,000.00SqFt PCI = 69
Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	100.03	Ft	Comments:
52 WEATHERING/RAVELING	L	4,799.96	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW E Name: TAXIWAY E Use: TAXIWAY Area: 316,163.00SqFt

Section: 575 of 7 From: - To: - Last Const.: 1/1/1979
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 32,440.00SqFt Length: 200.00Ft Width: 160.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 5 Surveyed: 1
Conditions: PCI:70.00 |
Inspection Comments:

Sample Number: 201 Type: R Area: 5,000.00SqFt PCI = 70
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	18.00 Ft	Comments:
52	WEATHERING/RAVELING	L	4,799.96 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW E Name: TAXIWAY E Use: TAXIWAY Area: 316,163.00SqFt

Section: 580 of 7 From: - To: - Last Const.: 1/1/1978
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 4,255.00SqFt Length: 85.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 1 Surveyed: 1
Conditions: PCI:60.00 |
Inspection Comments:

Sample Number: 250 Type: R Area: 4,250.00SqFt PCI = 60
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	216.06	Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	26.01	Ft	Comments:
52	WEATHERING/RAVELING	L	3,849.97	SqFt	Comments:
52	WEATHERING/RAVELING	M	400.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW F Name: TAXIWAY F Use: TAXIWAY Area: 317,428.00SqFt

Section: 602 of 6 From: - To: - Last Const.: 1/1/1998
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: T
Area: 18,170.00SqFt Length: 360.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 4 Surveyed: 1
Conditions: PCI:69.00 |
Inspection Comments:

Sample Number: 101 Type: R Area: 5,000.00SqFt PCI = 69
Sample Comments:

52	WEATHERING/RAVELING	L	4,999.96 SqFt	Comments:
53	RUTTING	L	100.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW F Name: TAXIWAY F Use: TAXIWAY Area: 317,428.00SqFt

Section: 605 of 6 From: - To: - Last Const.: 1/1/1996
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 128,538.00SqFt Length: 2,570.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 27 Surveyed: 3
Conditions: PCI:56.00 |
Inspection Comments:

Sample Number: 106 Type: R Area: 5,000.00SqFt PCI = 54
Sample Comments:

41 ALLIGATOR CRACKING	L	40.00	SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	186.05	Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	110.03	Ft	Comments:
52 WEATHERING/RAVELING	L	4,809.96	SqFt	Comments:
52 WEATHERING/RAVELING	M	190.00	SqFt	Comments:

Sample Number: 118 Type: R Area: 5,000.00SqFt PCI = 57
Sample Comments:

41 ALLIGATOR CRACKING	L	35.00	SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	177.05	Ft	Comments:
52 WEATHERING/RAVELING	L	4,909.96	SqFt	Comments:
52 WEATHERING/RAVELING	M	90.00	SqFt	Comments:
56 SWELLING	L	20.00	SqFt	Comments:

Sample Number: 127 Type: R Area: 5,000.00SqFt PCI = 57
Sample Comments:

41 ALLIGATOR CRACKING	L	60.00	SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	136.03	Ft	Comments:
50 PATCHING	L	0.25	SqFt	Comments:
52 WEATHERING/RAVELING	L	4,879.96	SqFt	Comments:
52 WEATHERING/RAVELING	M	120.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW F Name: TAXIWAY F Use: TAXIWAY Area: 317,428.00SqFt

Section: 607 of 6 From: - To: - Last Const.: 1/1/1998
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 100,495.00SqFt Length: 2,020.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 20 Surveyed: 3
Conditions: PCI:69.00 |
Inspection Comments:

Sample Number: 130 Type: R Area: 5,000.00SqFt PCI = 87
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	80.02	Ft	Comments:
50	PATCHING	L	0.50	SqFt	Comments:
52	WEATHERING/RAVELING	L	119.00	SqFt	Comments:

Sample Number: 138 Type: R Area: 5,000.00SqFt PCI = 57
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	104.03	Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	11.00	Ft	Comments:
52	WEATHERING/RAVELING	L	4,819.96	SqFt	Comments:
52	WEATHERING/RAVELING	M	180.00	SqFt	Comments:
56	SWELLING	L	28.00	SqFt	Comments:

Sample Number: 145 Type: R Area: 5,000.00SqFt PCI = 63
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	35.01	Ft	Comments:
50	PATCHING	L	0.25	SqFt	Comments:
52	WEATHERING/RAVELING	L	4,719.96	SqFt	Comments:
52	WEATHERING/RAVELING	M	250.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW F Name: TAXIWAY F Use: TAXIWAY Area: 317,428.00SqFt

Section: 610 of 6 From: - To: - Last Const.: 1/1/1997
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 2,500.00SqFt Length: 50.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/5/1999 Total Samples: 28 Surveyed: 4
Conditions: PCI:99.00 |
Inspection Comments: IMPORTED FROM AIRPAV

Sample Number: 601 Type: R Area: 5,000.00SqFt PCI = 100
Sample Comments:
<NO DISTRESSES>

Sample Number: 606 Type: R Area: 5,000.00SqFt PCI = 100
Sample Comments:
<NO DISTRESSES>

Sample Number: 612 Type: R Area: 5,000.00SqFt PCI = 98
Sample Comments:
48 L & T CR L 2.00 Ft Comments:

Sample Number: 618 Type: R Area: 5,000.00SqFt PCI = 97
Sample Comments:
48 L & T CR L 7.00 Ft Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW F Name: TAXIWAY F Use: TAXIWAY Area: 317,428.00SqFt

Section: 620 of 6 From: - To: - Last Const.: 1/1/1998
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 53,100.00SqFt Length: 1,060.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 11 Surveyed: 2
Conditions: PCI:70.00 |
Inspection Comments:

Sample Number: 153 Type: R Area: 5,000.00SqFt PCI = 69
Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	3.00	Ft	Comments:
52 WEATHERING/RAVELING	L	4,999.96	SqFt	Comments:
56 SWELLING	L	40.00	SqFt	Comments:

Sample Number: 156 Type: R Area: 5,000.00SqFt PCI = 71
Sample Comments:

50 PATCHING	L	25.00	SqFt	Comments:
52 WEATHERING/RAVELING	L	4,999.96	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW F Name: TAXIWAY F Use: TAXIWAY Area: 317,428.00SqFt

Section: 630 of 6 From: 0 To: 325 Last Const.: 1/1/1996
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 14,625.00SqFt Length: 325.00Ft Width: 45.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/3/2012 Total Samples: 3 Surveyed: 1
Conditions: PCI:63.00 |
Inspection Comments:

Sample Number: 201 Type: R Area: 4,500.00SqFt PCI = 63
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	32.01 Ft	Comments:
50	PATCHING	L	0.75 SqFt	Comments:
52	WEATHERING/RAVELING	M	250.00 SqFt	Comments:
52	WEATHERING/RAVELING	L	4,249.96 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW F9 Name: TAXIWAY F9 Use: TAXIWAY Area: 41,865.00SqFt

Section: 625 of 1 From: - To: - Last Const.: 1/1/1999
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 41,865.00SqFt Length: 500.00Ft Width: 85.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 7 Surveyed: 1
Conditions: PCI:66.00 |
Inspection Comments:

Sample Number: 306 Type: R Area: 4,500.00SqFt PCI = 66
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	8.00	Ft	Comments:
50	PATCHING	L	0.25	SqFt	Comments:
52	WEATHERING/RAVELING	L	3,699.97	SqFt	Comments:
52	WEATHERING/RAVELING	M	120.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW G Name: TAXIWAY G Use: TAXIWAY Area: 173,637.00SqFt

Section: 705 of 7 From: - To: - Last Const.: 1/1/1984
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 22,000.00SqFt Length: 550.00Ft Width: 40.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/5/1999 Total Samples: 6 Surveyed: 2
Conditions: PCI:86.00 |
Inspection Comments: IMPORTED FROM AIRPAV

Sample Number: 700 Type: R Area: 5,000.00SqFt PCI = 91
Sample Comments:

48 L & T CR	L	51.00 Ft	Comments:
52 WEATH/RAVEL	L	110.00 SqFt	Comments:

Sample Number: 701 Type: R Area: 5,000.00SqFt PCI = 82
Sample Comments:

48 L & T CR	L	10.00 Ft	Comments:
52 WEATH/RAVEL	L	800.00 SqFt	Comments:
56 SWELLING	L	40.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW G Name: TAXIWAY G Use: TAXIWAY Area: 173,637.00SqFt

Section: 710 of 7 From: - To: - Last Const.: 1/1/1991
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 20,110.00SqFt Length: 200.00Ft Width: 100.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/5/1999 Total Samples: 4 Surveyed: 1
Conditions: PCI:100.00 |
Inspection Comments: IMPORTED FROM AIRPAV

Sample Number: 705 Type: R Area: 4,000.00SqFt PCI = 100
Sample Comments:
<NO DISTRESSES>

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW G Name: TAXIWAY G Use: TAXIWAY Area: 173,637.00SqFt

Section: 720 of 7 From: - To: - Last Const.: 1/1/1984
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 9,875.00SqFt Length: 200.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/5/1999 Total Samples: 17 Surveyed: 3
Conditions: PCI:94.00 |
Inspection Comments: IMPORTED FROM AIRPAV

Sample Number: 708 Type: R Area: 5,000.00SqFt PCI = 96
Sample Comments:

48 L & T CR	L	15.00 Ft	Comments:

Sample Number: 711 Type: R Area: 5,000.00SqFt PCI = 96
Sample Comments:

48 L & T CR	L	16.00 Ft	Comments:

Sample Number: 716 Type: R Area: 5,000.00SqFt PCI = 90
Sample Comments:

48 L & T CR	L	68.00 Ft	Comments:
52 WEATH/RAVEL	L	120.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW G Name: TAXIWAY G Use: TAXIWAY Area: 173,637.00SqFt

Section: 723 of 7 From: 0 To: 1300 Last Const.: 1/1/1984
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 65,000.00SqFt Length: 1,300.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date1/1/1984 Total Samples: 0 Surveyed: 0
Conditions: PCI:100.00 |
Inspection Comments: Construction/Major M&R inspection record.

Sample Number: Type: Area: 0.00
<NO SAMPLE RECORDS>

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW G Name: TAXIWAY G Use: TAXIWAY Area: 173,637.00SqFt

Section: 725 of 7 From: - To: - Last Const.: 1/1/2013
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 27,540.00SqFt Length: 550.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date12/5/1999 Total Samples: 8 Surveyed: 2
Conditions: PCI:68.00 |
Inspection Comments: IMPORTED FROM AIRPAV

Sample Number: 611 Type: R Area: 3,550.00SqFt PCI = 64
Sample Comments:

48 L & T CR	L	90.00	Ft	Comments:
52 WEATH/RAVEL	L	3,550.00	SqFt	Comments:
53 RUTTING	L	40.00	SqFt	Comments:

Sample Number: 707 Type: R Area: 3,500.00SqFt PCI = 73
Sample Comments:

48 L & T CR	L	218.00	Ft	Comments:
52 WEATH/RAVEL	M	35.00	SqFt	Comments:
56 SWELLING	L	250.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW G Name: TAXIWAY G Use: TAXIWAY Area: 173,637.00SqFt

Section: 730 of 7 From: - To: - Last Const.: 1/1/2013
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 20,545.00SqFt Length: 410.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date12/5/1999 Total Samples: 7 Surveyed: 2
Conditions: PCI:82.00 |
Inspection Comments: IMPORTED FROM AIRPAV

Sample Number: 702 Type: R Area: 5,000.00SqFt PCI = 78
Sample Comments:

43 BLOCK CR	L	535.00 SqFt	Comments:
48 L & T CR	L	77.00 Ft	Comments:

Sample Number: 704 Type: R Area: 5,000.00SqFt PCI = 87
Sample Comments:

48 L & T CR	L	208.00 Ft	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW G Name: TAXIWAY G Use: TAXIWAY Area: 173,637.00SqFt

Section: 735 of 7 From: - To: - Last Const.: 1/1/2013
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 8,567.00SqFt Length: 171.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date12/5/1999 Total Samples: 1 Surveyed: 1
Conditions: PCI:90.00 |
Inspection Comments: IMPORTED FROM AIRPAV

Sample Number: 700 Type: R Area: 3,200.00SqFt PCI = 90
Sample Comments:

48 L & T CR	L	31.00 Ft	Comments:
52 WEATH/RAVEL	L	110.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW H Name: TAXIWAY H Use: TAXIWAY Area: 35,980.00SqFt

Section: 805 of 3 From: - To: - Last Const.: 1/1/2004
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 15,610.00SqFt Length: 223.00Ft Width: 70.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 3 Surveyed: 1
Conditions: PCI:69.00 |
Inspection Comments:

Sample Number: 105 Type: R Area: 2,625.00SqFt PCI = 69
Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	9.00	Ft	Comments:
50 PATCHING	L	0.75	SqFt	Comments:
52 WEATHERING/RAVELING	L	1,299.99	SqFt	Comments:
52 WEATHERING/RAVELING	M	24.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW H Name: TAXIWAY H Use: TAXIWAY Area: 35,980.00SqFt

Section: 807 of 3 From: - To: - Last Const.: 1/1/2010
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 15,260.00SqFt Length: 218.00Ft Width: 70.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 3 Surveyed: 1
Conditions: PCI:93.00 |
Inspection Comments:

Sample Number: 102 Type: R Area: 3,150.00SqFt PCI = 93
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	19.00 Ft	Comments:
52	WEATHERING/RAVELING	L	40.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW H Name: TAXIWAY H Use: TAXIWAY Area: 35,980.00SqFt

Section: 810 of 3 From: - To: - Last Const.: 1/1/1997
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 5,110.00SqFt Length: 146.00Ft Width: 35.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date1/1/1997 Total Samples: 0 Surveyed: 0
Conditions: PCI:100.00 |
Inspection Comments: Construction/Major M&R inspection record.

Sample Number: Type: Area: 0.00
<NO SAMPLE RECORDS>

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW J Name: TAXIWAY J Use: TAXIWAY Area: 19,970.00SqFt

Section: 1005 of 2 From: - To: - Last Const.: 1/1/2004
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 7,600.00SqFt Length: 152.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 2 Surveyed: 1
Conditions: PCI:75.00 |
Inspection Comments:

Sample Number: 102 Type: R Area: 3,250.00SqFt PCI = 75
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	86.02 Ft	Comments:
50	PATCHING	L	0.25 SqFt	Comments:
52	WEATHERING/RAVELING	L	824.99 SqFt	Comments:
56	SWELLING	L	24.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW J Name: TAXIWAY J Use: TAXIWAY Area: 19,970.00SqFt

Section: 1010 of 2 From: - To: - Last Const.: 1/1/2010
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 12,370.00SqFt Length: 105.00Ft Width: 120.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 2 Surveyed: 1
Conditions: PCI:93.00 |
Inspection Comments:

Sample Number: 100 Type: R Area: 6,000.00SqFt PCI = 93
Sample Comments:

50 PATCHING	L	1.00 SqFt	Comments:
52 WEATHERING/RAVELING	L	200.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW L Name: TAXIWAY L Use: TAXIWAY Area: 61,014.00SqFt

Section: 1206 of 2 From: - To: - Last Const.: 1/1/1995
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 49,690.00SqFt Length: 550.00Ft Width: 90.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 10 Surveyed: 1
Conditions: PCI:67.00 |
Inspection Comments:

Sample Number: 104 Type: R Area: 5,100.00SqFt PCI = 67
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	22.01 Ft	Comments:
52	WEATHERING/RAVELING	L	4,049.97 SqFt	Comments:
52	WEATHERING/RAVELING	M	50.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW L Name: TAXIWAY L Use: TAXIWAY Area: 61,014.00SqFt

Section: 1210 of 2 From: - To: - Last Const.: 1/1/2004
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 11,324.00SqFt Length: 226.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 2 Surveyed: 1
Conditions: PCI:80.00 |
Inspection Comments:

Sample Number: 101 Type: R Area: 5,000.00SqFt PCI = 80
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	32.01 Ft	Comments:
50	PATCHING	L	0.50 SqFt	Comments:
52	WEATHERING/RAVELING	L	1,049.99 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW M Name: TAXIWAY M Use: TAXIWAY Area: 44,751.00SqFt

Section: 1305 of 4 From: - To: - Last Const.: 1/1/2010
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: T
Area: 5,000.00SqFt Length: 100.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date12/5/1999 Total Samples: 10 Surveyed: 1
Conditions: PCI:88.00 |
Inspection Comments: IMPORTED FROM AIRPAV

Sample Number: 101 Type: R Area: 5,000.00SqFt PCI = 88
Sample Comments:

48 L & T CR	L	169.00 Ft	Comments:
56 SWELLING	L	7.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW M Name: TAXIWAY M Use: TAXIWAY Area: 44,751.00SqFt

Section: 1310 of 4 From: - To: - Last Const.: 1/1/1984
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 5,473.00SqFt Length: 60.00Ft Width: 90.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/5/1999 Total Samples: 1 Surveyed: 1
Conditions: PCI:95.00 |
Inspection Comments: IMPORTED FROM AIRPAV

Sample Number: 101 Type: R Area: 2,900.00SqFt PCI = 95
Sample Comments:

48 L & T CR	L	27.00 Ft	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW M Name: TAXIWAY M Use: TAXIWAY Area: 44,751.00SqFt

Section: 1315 of 4 From: - To: - Last Const.: 1/1/1984
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 24,612.00SqFt Length: 275.00Ft Width: 90.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 5 Surveyed: 1
Conditions: PCI:94.00 |
Inspection Comments:

Sample Number: 103 Type: R Area: 5,000.00SqFt PCI = 94
Sample Comments:

50 PATCHING	L	0.50 SqFt	Comments:
52 WEATHERING/RAVELING	L	100.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW M Name: TAXIWAY M Use: TAXIWAY Area: 44,751.00SqFt

Section: 1320 of 4 From: - To: - Last Const.: 1/1/1984
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 9,666.00SqFt Length: 160.00Ft Width: 60.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 2 Surveyed: 1
Conditions: PCI:45.00 |
Inspection Comments:

Sample Number: 107 Type: R Area: 4,600.00SqFt PCI = 45
Sample Comments:

46	JET BLAST	N	1,424.99	SqFt	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	L	323.08	Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	35.01	Ft	Comments:
50	PATCHING	L	0.50	SqFt	Comments:
52	WEATHERING/RAVELING	L	3,174.97	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW N Name: TAXIWAY N Use: TAXIWAY Area: 96,348.00SqFt

Section: 1405 of 7 From: - To: - Last Const.: 1/1/1986
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: T
Area: 30,000.00SqFt Length: 750.00Ft Width: 40.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 7 Surveyed: 1
Conditions: PCI:80.00 |
Inspection Comments:

Sample Number: 118 Type: R Area: 6,000.00SqFt PCI = 80
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	10.00 Ft	Comments:
50	PATCHING	L	0.25 SqFt	Comments:
52	WEATHERING/RAVELING	L	719.99 SqFt	Comments:
52	WEATHERING/RAVELING	M	4.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW N Name: TAXIWAY N Use: TAXIWAY Area: 96,348.00SqFt

Section: 1410 of 7 From: - To: - Last Const.: 1/1/2010
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 18,893.00SqFt Length: 155.00Ft Width: 120.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date12/5/1999 Total Samples: 4 Surveyed: 1
Conditions: PCI:89.00 |
Inspection Comments: IMPORTED FROM AIRPAV

Sample Number: 200 Type: R Area: 7,500.00SqFt PCI = 89
Sample Comments:

45 DEPRESSION	L	40.00 SqFt	Comments:
48 L & T CR	L	38.00 Ft	Comments:
52 WEATH/RAVEL	L	120.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW N Name: TAXIWAY N Use: TAXIWAY Area: 96,348.00SqFt

Section: 1415 of 7 From: - To: - Last Const.: 1/1/1984
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 11,710.00SqFt Length: 200.00Ft Width: 60.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 3 Surveyed: 1
Conditions: PCI:67.00 |
Inspection Comments:

Sample Number: 108 Type: R Area: 4,500.00SqFt PCI = 67
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	58.01 Ft	Comments:
50	PATCHING	L	0.25 SqFt	Comments:
52	WEATHERING/RAVELING	L	4,499.96 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW N Name: TAXIWAY N Use: TAXIWAY Area: 96,348.00SqFt

Section: 1420 of 7 From: - To: - Last Const.: 1/1/1984
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 9,715.00SqFt Length: 160.00Ft Width: 60.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 2 Surveyed: 1
Conditions: PCI:63.00 |
Inspection Comments:

Sample Number: 106 Type: R Area: 5,525.00SqFt PCI = 63
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	43.01 Ft	Comments:
50	PATCHING	L	0.25 SqFt	Comments:
52	WEATHERING/RAVELING	L	4,774.96 SqFt	Comments:
52	WEATHERING/RAVELING	M	749.99 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW N Name: TAXIWAY N Use: TAXIWAY Area: 96,348.00SqFt

Section: 1425 of 7 From: - To: - Last Const.: 1/1/1998
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 18,030.00SqFt Length: 300.00Ft Width: 60.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 4 Surveyed: 1
Conditions: PCI:80.00 |
Inspection Comments:

Sample Number: 104 Type: R Area: 5,525.00SqFt PCI = 80
Sample Comments:

50 PATCHING	L	699.99 SqFt	Comments:
52 WEATHERING/RAVELING	L	100.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW N Name: TAXIWAY N Use: TAXIWAY Area: 96,348.00SqFt

Section: 1430 of 7 From: - To: - Last Const.: 1/1/2010
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 3,000.00SqFt Length: 60.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 1 Surveyed: 1
Conditions: PCI:94.00 |
Inspection Comments:

Sample Number: 101 Type: R Area: 3,000.00SqFt PCI = 94
Sample Comments:

50 PATCHING	L	0.25 SqFt	Comments:
52 WEATHERING/RAVELING	L	60.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW N Name: TAXIWAY N Use: TAXIWAY Area: 96,348.00SqFt

Section: 1435 of 7 From: - To: - Last Const.: 1/1/2010
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 5,000.00SqFt Length: 100.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date12/5/1999 Total Samples: 1 Surveyed: 1
Conditions: PCI:96.00 |
Inspection Comments: IMPORTED FROM AIRPAV

Sample Number: 106 Type: R Area: 4,950.00SqFt PCI = 96
Sample Comments:

48 L & T CR	L	31.00 Ft	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW P Name: TAXIWAY P Use: TAXIWAY Area: 22,775.00SqFt

Section: 1605 of 2 From: - To: - Last Const.: 1/1/1997
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 10,660.00SqFt Length: 213.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 3 Surveyed: 1
Conditions: PCI:70.00 |
Inspection Comments:

Sample Number: 104 Type: R Area: 5,100.00SqFt PCI = 70
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	3.50 Ft	Comments:
50	PATCHING	L	3.00 SqFt	Comments:
52	WEATHERING/RAVELING	L	4,699.96 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW P Name: TAXIWAY P Use: TAXIWAY Area: 22,775.00SqFt

Section: 1610 of 2 From: - To: - Last Const.: 1/1/2004
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 12,115.00SqFt Length: 242.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 3 Surveyed: 1
Conditions: PCI:77.00 |
Inspection Comments:

Sample Number: 101 Type: R Area: 5,000.00SqFt PCI = 77
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	7.00 Ft	Comments:
50	PATCHING	L	120.00 SqFt	Comments:
52	WEATHERING/RAVELING	L	1,299.99 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW Q Name: TAXIWAY Q Use: TAXIWAY Area: 49,916.00SqFt

Section: 1705 of 4 From: - To: - Last Const.: 1/1/2004
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 13,455.00SqFt Length: 180.00Ft Width: 75.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 3 Surveyed: 1
Conditions: PCI:89.00 |
Inspection Comments:

Sample Number: 108 Type: R Area: 5,525.00SqFt PCI = 89
Sample Comments:

50 PATCHING	L	0.50 SqFt	Comments:
52 WEATHERING/RAVELING	L	425.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW Q Name: TAXIWAY Q Use: TAXIWAY Area: 49,916.00SqFt

Section: 1707 of 4 From: - To: - Last Const.: 1/1/2010
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 24,000.00SqFt Length: 280.00Ft Width: 85.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 4 Surveyed: 1
Conditions: PCI:94.00 |
Inspection Comments:

Sample Number: 103 Type: R Area: 3,600.00SqFt PCI = 94
Sample Comments:

50 PATCHING	L	0.25 SqFt	Comments:
52 WEATHERING/RAVELING	L	60.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW Q Name: TAXIWAY Q Use: TAXIWAY Area: 49,916.00SqFt

Section: 1710 of 4 From: - To: - Last Const.: 1/1/1999
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 6,421.00SqFt Length: 75.00Ft Width: 85.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 2 Surveyed: 1
Conditions: PCI:74.00 |
Inspection Comments:

Sample Number: 101 Type: R Area: 4,500.00SqFt PCI = 74
Sample Comments:

50 PATCHING	L	1.00 SqFt	Comments:
52 WEATHERING/RAVELING	L	3,399.97 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW Q Name: TAXIWAY Q Use: TAXIWAY Area: 49,916.00SqFt

Section: 1715 of 4 From: - To: - Last Const.: 1/1/1997
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 6,040.00SqFt Length: 170.00Ft Width: 35.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 1 Surveyed: 1
Conditions: PCI:49.00 |
Inspection Comments:

Sample Number: 100 Type: R Area: 6,040.00SqFt PCI = 49
Sample Comments:

41	ALLIGATOR CRACKING	L	70.00	SqFt	Comments:
45	DEPRESSION	L	10.00	SqFt	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	L	116.03	Ft	Comments:
52	WEATHERING/RAVELING	L	4,684.96	SqFt	Comments:
52	WEATHERING/RAVELING	M	1,439.99	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW R Name: TAXIWAY R Use: TAXIWAY Area: 11,500.00SqFt

Section: 1805 of 1 From: - To: - Last Const.: 1/1/1999
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 11,500.00SqFt Length: 230.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 2 Surveyed: 1
Conditions: PCI:82.00 |
Inspection Comments:

Sample Number: 101 Type: R Area: 6,000.00SqFt PCI = 82
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	11.00 Ft	Comments:
50	PATCHING	L	0.25 SqFt	Comments:
52	WEATHERING/RAVELING	L	749.99 SqFt	Comments:
56	SWELLING	L	20.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW S Name: TAXIWAY S Use: TAXIWAY Area: 39,810.00SqFt

Section: 1905 of 3 From: - To: - Last Const.: 1/1/1999
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 13,570.00SqFt Length: 270.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 3 Surveyed: 1
Conditions: PCI:83.00 |
Inspection Comments:

Sample Number: 101 Type: R Area: 4,500.00SqFt PCI = 83
Sample Comments:

50	PATCHING	L	0.25 SqFt	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	L	29.01 Ft	Comments:
52	WEATHERING/RAVELING	L	425.00 SqFt	Comments:
56	SWELLING	L	13.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW S Name: TAXIWAY S Use: TAXIWAY Area: 39,810.00SqFt

Section: 1910 of 3 From: - To: - Last Const.: 1/1/1999
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 7,245.00SqFt Length: 145.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 2 Surveyed: 1
Conditions: PCI:66.00 |
Inspection Comments:

Sample Number: 103 Type: R Area: 6,000.00SqFt PCI = 66
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	11.00	Ft	Comments:
52	WEATHERING/RAVELING	L	5,674.95	SqFt	Comments:
52	WEATHERING/RAVELING	M	325.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW S Name: TAXIWAY S Use: TAXIWAY Area: 39,810.00SqFt

Section: 1915 of 3 From: - To: - Last Const.: 1/1/1999
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 18,995.00SqFt Length: 380.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 4 Surveyed: 1
Conditions: PCI:62.00 |
Inspection Comments:

Sample Number: 201 Type: R Area: 5,000.00SqFt PCI = 62
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	158.04 Ft	Comments:
50	PATCHING	L	0.25 SqFt	Comments:
52	WEATHERING/RAVELING	L	4,849.96 SqFt	Comments:
52	WEATHERING/RAVELING	M	150.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW S1 Name: TAXIWAY S1 Use: TAXIWAY Area: 4,590.00SqFt

Section: 1950 of 1 From: - To: - Last Const.: 1/1/1999
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 4,590.00SqFt Length: 115.00Ft Width: 40.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 1 Surveyed: 1
Conditions: PCI:35.00 |
Inspection Comments:

Sample Number: 150 Type: R Area: 4,590.00SqFt PCI = 35
Sample Comments:

45	DEPRESSION	H	12.00	SqFt	Comments:
45	DEPRESSION	L	22.00	SqFt	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	L	367.09	Ft	Comments:
52	WEATHERING/RAVELING	H	8.00	SqFt	Comments:
52	WEATHERING/RAVELING	L	2,751.98	SqFt	Comments:
52	WEATHERING/RAVELING	M	2,239.98	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW S3 Name: TAXIWAY S3 Use: TAXIWAY Area: 40,781.00SqFt

Section: 1960 of 2 From: - To: - Last Const.: 1/1/1999
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 4,781.00SqFt Length: 95.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 1 Surveyed: 1
Conditions: PCI:64.00 |
Inspection Comments:

Sample Number: 250 Type: R Area: 4,781.00SqFt PCI = 64
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	139.04	Ft	Comments:
52	WEATHERING/RAVELING	L	4,483.96	SqFt	Comments:
52	WEATHERING/RAVELING	M	516.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/19/2012
Site Name:

Network: FXE Name: FT. LAUDERDALE EXECUTIVE AIRPORT

Branch: TW S3 Name: TAXIWAY S3 Use: TAXIWAY Area: 40,781.00SqFt

Section: 1965 of 2 From: - To: - Last Const.: 1/1/1999
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 36,000.00SqFt Length: 720.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/4/2012 Total Samples: 7 Surveyed: 1
Conditions: PCI:60.00 |
Inspection Comments:

Sample Number: 254 Type: R Area: 5,000.00SqFt PCI = 60
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	292.07	Ft	Comments:
50	PATCHING	L	198.00	SqFt	Comments:
52	WEATHERING/RAVELING	L	4,401.96	SqFt	Comments:
52	WEATHERING/RAVELING	M	400.00	SqFt	Comments: