STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

AVIATION OFFICE

Statewide Airfield Pavement Management Program

Witham Field Airport – SUA
(General Aviation)
Stuart, Florida
(District 4)

December 2011

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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 Witham Field 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 Witham Field Airport, and
- Provide the estimated costs associated with the suggested immediate and future M&R activities

During December 2011, the PCI survey was performed at Witham Field 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 2011 is 74, 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
East Apron	81	43-100	Satisfactory	60	65	
Helicopter Pad	65	65	Fair	60	65	
North Apron	27	27	Very Poor	60	65	X
Run-Up Apron at RW 12	96	96	Good	60	65	
Run-Up Apron at Taxiway D	78	78	Satisfactory	60	65	
West Apron	54	47-65	Poor	60	65	X
Runway 12-30	83	82-89	Satisfactory	75	65	
Runway 16-34	65	65	Fair	75	65	X
Runway 7-25	90	84-90	Good	75	65	
Taxiway Alpha	80	42-92	Satisfactory	65	65	
Taxiway Bravo	54	45-88	Poor	65	65	X
Taxiway Charlie	64	31-92	Fair	65	65	X
Taxiway Charlie 1	87	87	Good	65	65	
Taxiway Delta	92	83-92	Good	65	65	

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	79	Satisfactory
Taxiway	75	Satisfactory
Apron	66	Fair
All (Weighted)	**74**	**Satisfactory**

Table III: Condition Summary by Pavement Rank

Rank*	Average Area-Weighted PCI	Condition Rating
Primary	72	Satisfactory
Secondary	77	Satisfactory
Tertiary	92	Good
All (Weighted)	**74**	**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 Witham Field Airport, include: East Apron, North Apron, West Apron, Taxiway Alpha, Taxiway Bravo, and Taxiway Charlie. Asphalt pavement conditions in these areas justify either mill and overlay rehabilitation activity or full pavement reconstruction. Portland cement concrete pavement conditions in West Apron would benefit from PCC restoration. 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
East Apron	4235	AC	45,219	$284,427.53	43	Mill and Overlay	100
North Apron	4405	AC	214,846	$2,926,203.47	27	Reconstruction	100
West Apron	4105	AC	141,337	$848,446.10	51	Mill and Overlay	100
West Apron	4110	PCC	60,800	$158,140.90	63	PCC Restoration	100
West Apron	4120	AC	142,800	$816,244.90	52	Mill and Overlay	100
West Apron	4125	PCC	12,419	$78,115.52	47	PCC Restoration	100
Taxiway Alpha	125	AC	12,000	$75,480.01	42	Mill and Overlay	100
Taxiway Bravo	205	AC	60,000	$377,400.03	45	Mill and Overlay	100
Taxiway Bravo	206	AC	9,100	$57,239.00	46	Mill and Overlay	100
Taxiway Charlie	330	AC	134,134	$1,728,585.36	31	Reconstruction	100
			Total	**$7,350,282.82**	**45**		**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	$365,517.89	$7,350,282.82	$7,715,800.71
2013	$210,422.13	$1,491,045.81	$1,701,467.95
2014	$264,188.32	$0.00	$264,188.32
2015	$298,936.49	$224,478.50	$523,414.99
2016	$355,282.33	$8,321.71	$363,604.04
2017	$393,142.23	$305,550.35	$698,692.58
2018	$455,244.44	$8,919.66	$464,164.10
2019	$530,088.86	$0.00	$530,088.86
2020	$635,190.87	$28,089.63	$663,280.50
2021	$519,272.58	$2,003,743.78	$2,523,016.36
Total	**$4,027,286.14**	**$11,420,432.26**	**$15,447,718.41**

Note: Costs are adjusted for inflation.

The implementation of the 10-Year Major M&R Plan is expected to provide an improvement in the overall condition of the airfield pavement, where the area-weighted PCI would increase from 74 in 2011 to 82 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 Witham Field Airport pavements in 2021 may remain near 82. 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 Witham Field 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.

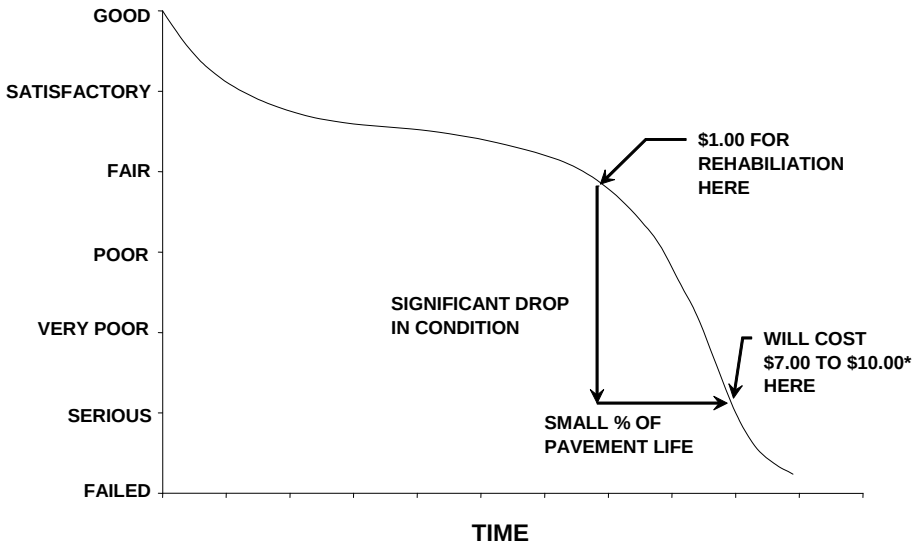
A small percentage of the airport pavements in Florida are composed of asphalt concrete surface over Portland Cement Concrete (APC). This pavement type is known as “composite” pavement.

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

Witham Field Airport (SUA) is located 1 mile southeast of the central business district of the city of Stuart in Martin County, Florida. Directly regulated by the Martin County Board of Commissioners, this airport focuses primarily on serving general aviation aircraft. The airport facility includes three runways: Runway 7-25 (Length = 4,652 ft), Runway 12-30 (Length = 5,826 ft), and Runway 16-34 (Length = 5,000 ft). Runway 12-30 and Runway 16-34 are both served by full-length parallel taxiways.

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 Witham Field Airport was originally constructed in 1942 by Martin County and was almost immediately leased to the federal government for use as a military training field during World War II. In 1947, it was decommissioned and the property returned to Martin County until the 1950's, when it was leased to Northrop Grumman to conduct flight-testing and manufacturing of parts and subassemblies. In 1994, Northrop Grumman downsized their Witham Field operation and much of the property was again returned to Martin County. The county, in turn, hired an Airport Director to manage the property which contains an operational air traffic control tower and two fixed base operators (FBO).

This airport is designated as a General Aviation airport and is located in District 4 of the Florida Department of Transportation.

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 2011 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 Witham Field 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
2011	RW 12-30	EMASS/PDC

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 157 sample units.

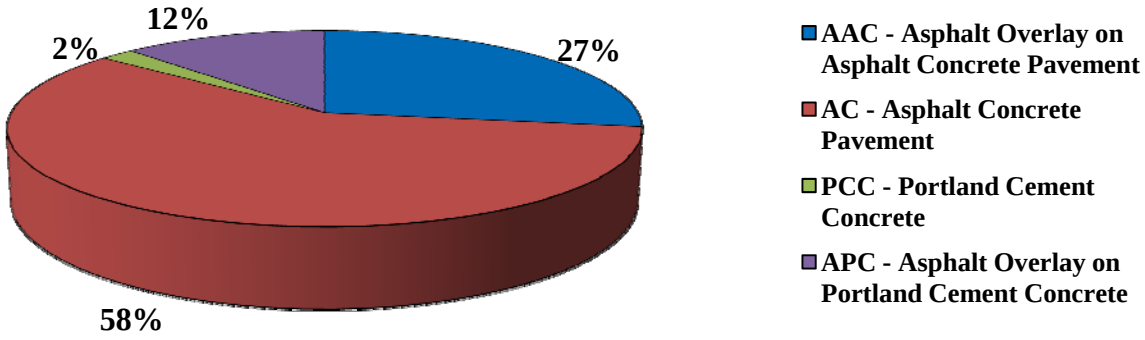
The total airfield pavement area in 2011 at Witham Field Airport is 4,145,035 square feet. The breakdown of pavement area for each pavement use is provided in Table 2-2.

Table 2-2: Pavement Area by Pavement Use

Use	Area (ft^2)	% of Total Area
Runway	1,568,200	38%
Taxiway	1,083,678	26%
Apron	1,493,157	36%
All (Weighted)	**4,145,035**	**100%**

Figure 2-1 presents the breakdown of the pavement area at Witham Field 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
East Apron	AP E	4205	363,400	P	AC	12/25/1999	7	71
East Apron	AP E	4210	24,000	P	AC	12/25/1999	1	8
East Apron	AP E	4215	54,000	P	AC	12/25/1999	3	19
East Apron	AP E	4220	48,000	P	AC	12/25/1999	3	16
East Apron	AP E	4225	25,600	P	PCC	12/25/1999	1	5
East Apron	AP E	4230	250,580	P	AC	1/1/2000	5	52
East Apron	AP E	4231	27,610	P	AC	7/1/2011	0	6
East Apron	AP E	4235	45,219	P	AC	12/25/1999	2	12
Helicopter Pad	AP H	4505	27,291	P	AC	1/1/2010	1	5
North Apron	AP N	4405	214,846	P	AC	1/1/2010	5	45
Run-Up Apron at RW 12	AP RU	4305	9,200	P	AC	1/1/2008	1	3
Run-Up Apron at Taxiway D	AP TW D RU	5105	20,055	P	AC	1/1/2010	1	4
West Apron	AP W	4105	141,337	P	AC	12/25/1999	3	25
West Apron	AP W	4110	60,800	P	PCC	12/25/1999	1	9
West Apron	AP W	4115	26,000	P	AC	12/25/1999	1	5
West Apron	AP W	4120	142,800	P	AC	12/25/1999	4	38
West Apron	AP W	4125	12,419	P	PCC	1/1/2006	1	3
Runway 12-30	RW 12-30	6102	70,000	P	AC	1/1/2011	3	13
Runway 12-30	RW 12-30	6105	486,600	P	APC	1/1/2011	20	96
Runway 12-30	RW 12-30	6120	28,600	P	APC	1/1/2011	3	10
Runway 16-34	RW 16-34	6305	500,000	S	AAC	1/1/1985	21	98
Runway 7-25	RW 7-25	6205	475,000	S	AAC	1/1/2010	19	93
Runway 7-25	RW 7-25	6210	8,000	S	AAC	1/1/2010	1	3
Taxiway Alpha	TW A	101	9,162	T	AC	1/1/2010	1	2
Taxiway Alpha	TW A	102	23,100	P	AC	1/1/2008	1	6
Taxiway Alpha	TW A	105	75,900	P	AC	1/1/2008	4	25
Taxiway Alpha	TW A	110	137,000	P	AAC	1/1/2008	5	28
Taxiway Alpha	TW A	115	9,000	P	AAC	1/1/2008	1	2
Taxiway Alpha	TW A	125	12,000	P	AC	1/1/2010	1	2
Taxiway Alpha	TW A	126	3,176	P	AC	1/1/2008	1	1
Taxiway Alpha	TW A	130	20,000	P	AC	1/1/2010	1	5
Taxiway Alpha	TW A	135	2,422	P	AC	1/1/2008	1	1
Taxiway Alpha	TW A	136	2,872	P	AC	1/1/2008	1	1
Taxiway Bravo	TW B	205	60,000	P	AC	1/1/1942	3	12
Taxiway Bravo	TW B	206	9,100	P	AC	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 Bravo	TW B	207	8,800	P	AC	1/1/2008	1	1
Taxiway Bravo	TW B	208	9,525	P	AC	1/1/2010	1	1
Taxiway Bravo	TW B	209	3,654	P	AC	1/1/2008	1	1
Taxiway Charlie	TW C	305	108,750	P	AC	1/1/2010	4	22
Taxiway Charlie	TW C	306	13,326	P	AC	1/1/2010	1	2
Taxiway Charlie	TW C	310	95,000	P	AC	1/1/2010	4	19
Taxiway Charlie	TW C	311	7,977	P	AC	1/1/2008	1	2
Taxiway Charlie	TW C	315	3,500	P	AAC	1/1/2010	1	1
Taxiway Charlie	TW C	320	5,600	P	AC	1/1/2010	1	1
Taxiway Charlie	TW C	325	8,250	P	AC	1/1/2008	1	2
Taxiway Charlie	TW C	330	134,134	P	AC	12/25/1999	3	23
Taxiway Charlie 1	TW C1	505	47,529	P	AC	1/1/2010	2	13
Taxiway Delta	TW D	405	257,500	P	AC	1/1/2010	6	52
Taxiway Delta	TW D	411	3,465	P	AAC	1/1/2010	1	1
Taxiway Delta	TW D	412	12,936	P	AC	1/1/2010	1	2

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. Tables 3-1 and 3-2 below list the pavement distress types and related causes for asphalt concrete (AC) and Portland Cement Concrete (PCC), respectively.

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

Table 3-2: Pavement Distresses for Portland Cement Concrete Surfaces

Code	Distress	Mechanism
61	Blow-up	Climate
62	Corner Break	Load
63	Linear Cracking	Load
64	Durability Cracking	Climate
65	Joint Seal Damage	Climate
66	Small Patch	Pavement Repair
67	Large Patch/Utility Cut	Utility / Pavement Repair
68	Popout	Climate
69	Pumping	Load
70	Scaling/Crazing	Construction Quality
71	Faulting	Subgrade Quality
72	Shattered Slab	Load
73	Shrinkage Cracking	Construction Quality / Load
74	Joint Spalling	Load
75	Corner Spalling	Load
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 Witham Field Airport were performed in December 2011. 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 2011 survey, the overall area-weighted PCI at Witham Field Airport is 74, representing a Satisfactory overall network condition.

The Asphalt Concrete pavement of all three Runways exhibited low to medium severity weathering and raveling along with low to medium severity longitudinal and transversal cracking.

Taxiways throughout the airfield exhibited low to high severity longitudinal and transverse cracking, low to medium severity weathering and raveling, and low to medium block cracking.

The Asphalt pavement of the Aprons exhibited very similar distresses to the Taxiways with low to high severity longitudinal and transverse cracking, low to high severity weathering and

raveling, and low to medium severity block cracking. The PCC pavement in the West Apron exhibited medium to high severity joint seal damage, low to high severity corner spall, and distresses such as shattered slabs, and linear cracking.

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 Witham Field Airport.

Figure 3-1: Network PCI Distribution by Rating Category

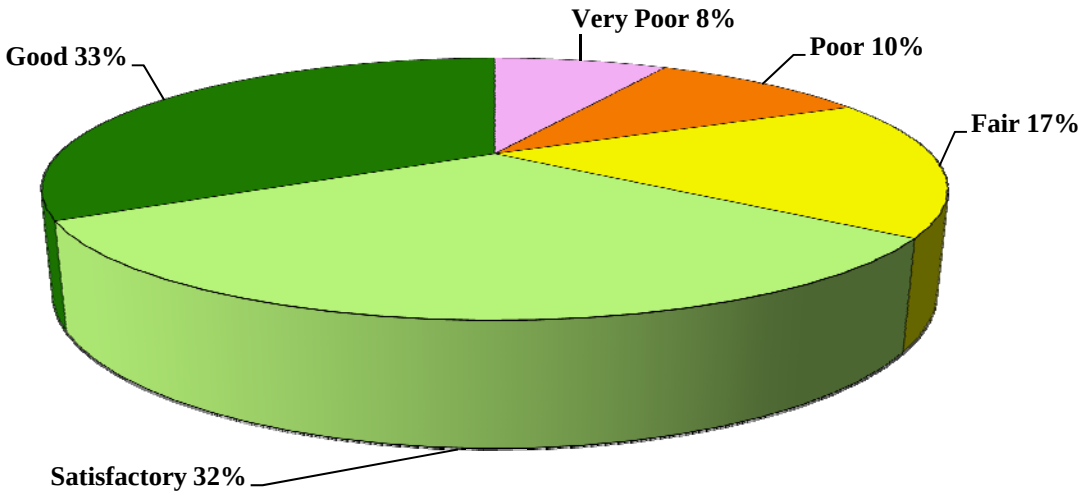


Figure 3-1a: Condition Rating Summary

Condition Rating	Total Area (ft^2)	Percent
Good	1,354,757	33%
Satisfactory	1,319,178	32%
Fair	699,245	17%
Poor	422,875	10%
Very Poor	348,980	8%
Serious	0	0%
Failed	0	0%

Approximately 65% of the network is in Good and Satisfactory condition while 18% of the network is in Poor and Very Poor condition. Table 3-3 illustrates the area-weighted PCI computed individually for each pavement use.

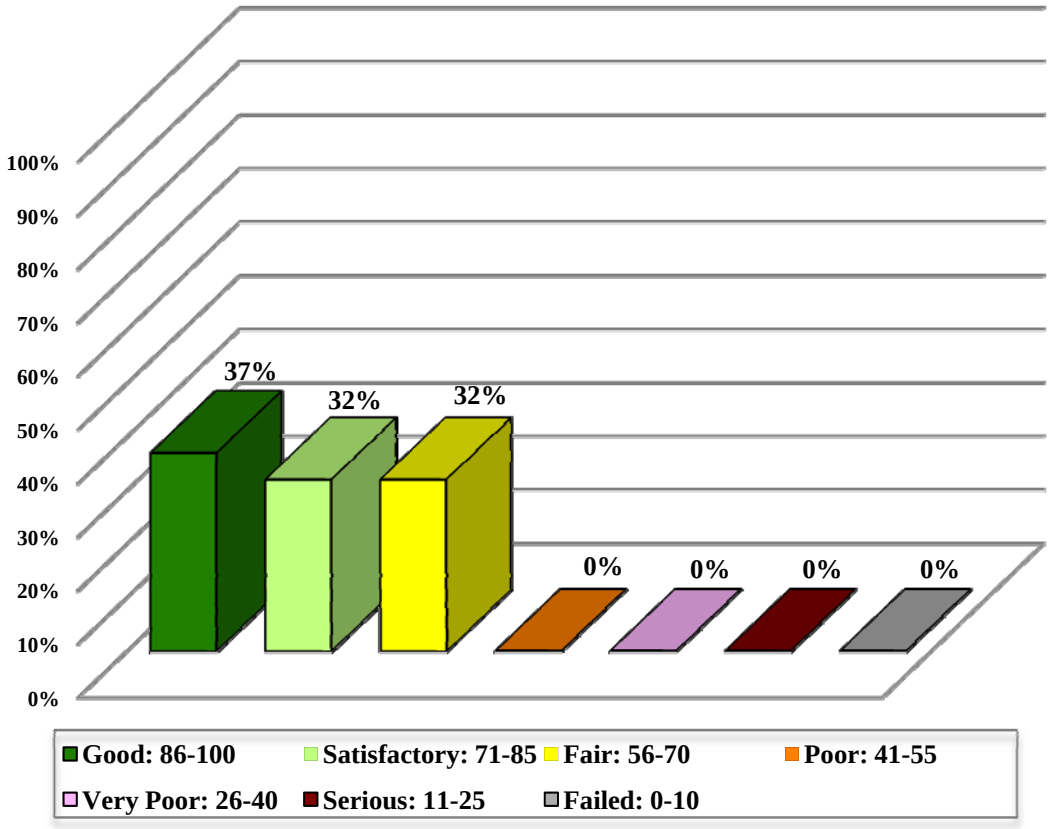
Table 3-3: Condition by Pavement Use

Use	Average Area-Weighted PCI	Condition Rating
Runway	79	Satisfactory
Taxiway	75	Satisfactory
Apron	66	Fair
All (Weighted)	**74**	**Satisfactory**

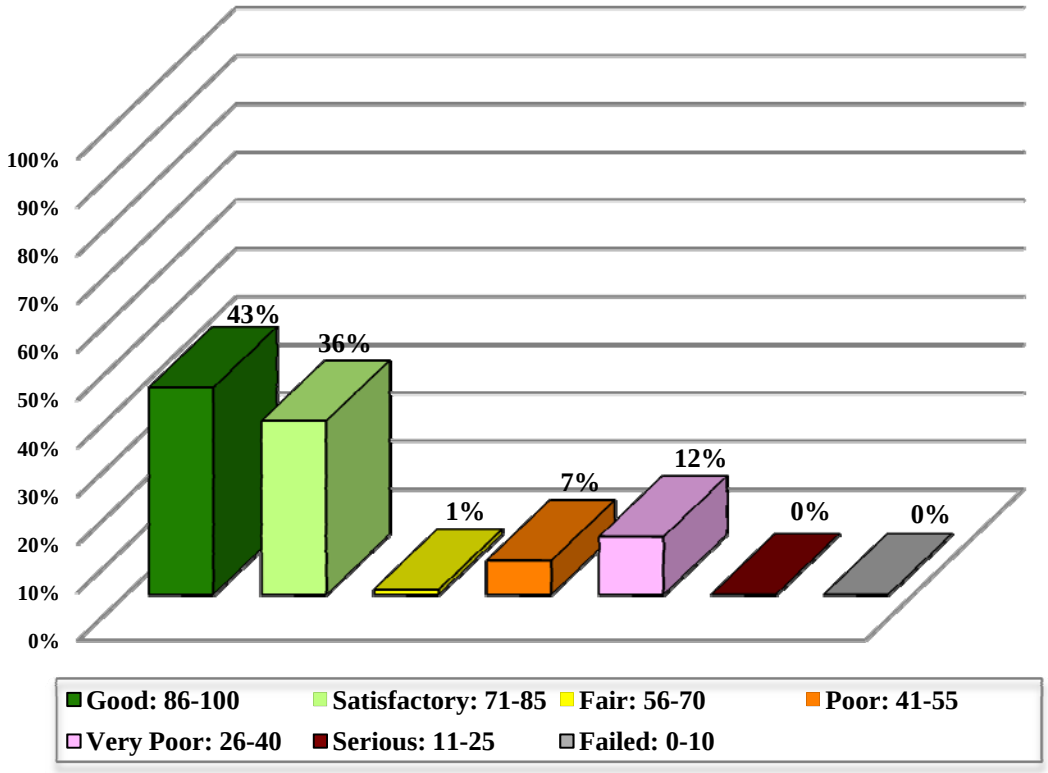
Figure 3-2 presents the breakdown of PCI by range for each pavement use.

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

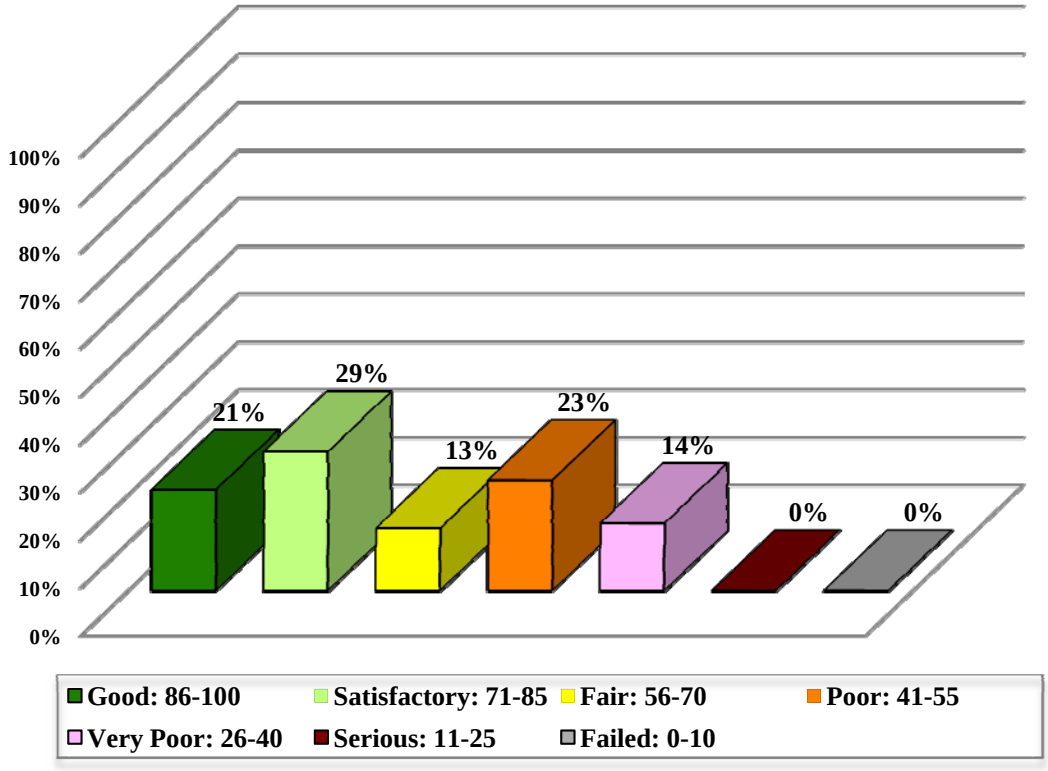
(a) Runway



(b) Taxiway



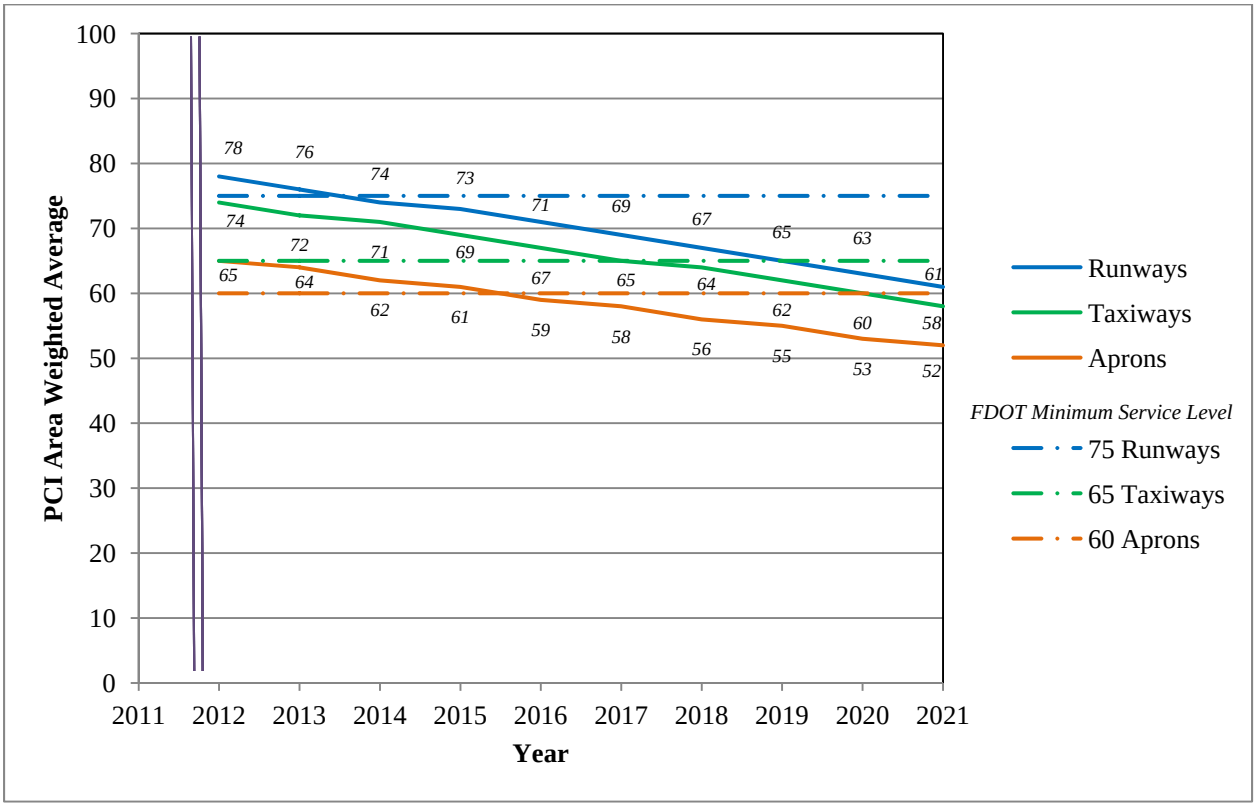
(c) Apron



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 Witham Field 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 General Aviation (GA) 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 General Aviation 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 General Aviation 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 General Aviation Airports.

Table 5-3: FDOT Minimum Service Level PCI for General Aviation Airports

Minimum PCI		
Runway	**Taxiway**	**Apron**
75	65	60

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 General Aviation Airports based on PCI value.

Table 5-4: M&R Activities for General Aviation 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 General Aviation Airports

	Activity	PCI Trigger	Cost/SqFt
Maintenance	Crack Sealing and Full-Depth Patching	90	$0.06
		80	$0.24
Rehabilitation	Mill and Overlay (AC) or Concrete Pavement Restoration (PCC)	70	$3.00
		60	$3.42
		50	$6.29
		40	$6.29
	Reconstruction	30	$13.62
		20	$13.62

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
East Apron	4235	AC	45,219	$284,427.53	43	Mill and Overlay	100
North Apron	4405	AC	214,846	$2,926,203.47	27	Reconstruction	100
West Apron	4105	AC	141,337	$848,446.10	51	Mill and Overlay	100
West Apron	4110	PCC	60,800	$158,140.90	63	PCC Restoration	100
West Apron	4120	AC	142,800	$816,244.90	52	Mill and Overlay	100
West Apron	4125	PCC	12,419	$78,115.52	47	PCC Restoration	100
Taxiway Alpha	125	AC	12,000	$75,480.01	42	Mill and Overlay	100
Taxiway Bravo	205	AC	60,000	$377,400.03	45	Mill and Overlay	100
Taxiway Bravo	206	AC	9,100	$57,239.00	46	Mill and Overlay	100
Taxiway Charlie	330	AC	134,134	$1,728,585.36	31	Reconstruction	100
			Total	**$7,350,282.82**	**45**		**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
East Apron	4235	AC	45,219	$29,392.35	43	Microsurfacing	100
North Apron	4405	AC	214,846	$2,926,203.47	27	Reconstruction	100
West Apron	4105	AC	141,337	$91,869.05	51	Microsurfacing	100
West Apron	4110	PCC	60,800	$158,140.90	63	PCC Restoration	100
West Apron	4120	AC	142,800	$92,820.00	52	Microsurfacing	100
West Apron	4125	PCC	12,419	$78,115.52	47	PCC Restoration	100
Taxiway Alpha	125	AC	12,000	$7,800.00	42	Microsurfacing	100
Taxiway Bravo	205	AC	60,000	$39,000.00	45	Microsurfacing	100
Taxiway Bravo	206	AC	9,100	$5,915.00	46	Microsurfacing	100
Taxiway Charlie	330	AC	134,134	$1,728,585.36	31	Reconstruction	100
			Total	**$5,157,841.65**	**45**		**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
East Apron	AP E	4205	L & T CR	M	Crack Sealing - AC	35.10	Ft	$2.25	$78.87
East Apron	AP E	4205	WEATH/RAVEL	L	Surface Seal - Rejuvenating	69,641.90	SqFt	$0.40	$27,857.00
East Apron	AP E	4205	WEATH/RAVEL	M	Surface Seal - Coat Tar	46.70	SqFt	$0.40	$18.70
East Apron	AP E	4210	WEATH/RAVEL	L	Surface Seal - Rejuvenating	23,778.50	SqFt	$0.40	$9,511.46
East Apron	AP E	4210	WEATH/RAVEL	M	Surface Seal - Coat Tar	221.50	SqFt	$0.40	$88.62
East Apron	AP E	4215	WEATH/RAVEL	L	Surface Seal - Rejuvenating	21,884.20	SqFt	$0.40	$8,753.76
East Apron	AP E	4220	L & T CR	M	Crack Sealing - AC	24.00	Ft	$2.25	$54.00
East Apron	AP E	4220	WEATH/RAVEL	L	Surface Seal - Rejuvenating	16,520.00	SqFt	$0.40	$6,608.06
East Apron	AP E	4230	OIL SPILLAGE	N	Patching - AC Shallow	87.20	SqFt	$2.90	$252.85
Taxiway Alpha	TW A	110	WEATH/RAVEL	L	Surface Seal - Rejuvenating	27,913.30	SqFt	$0.40	$11,165.43
Taxiway Alpha	TW A	110	BLOCK CR	M	Crack Sealing - AC	2,640.40	Ft	$2.25	$5,940.93
Taxiway Alpha	TW A	110	L & T CR	M	Crack Sealing - AC	44.90	Ft	$2.25	$101.07
Taxiway Alpha	TW A	115	WEATH/RAVEL	L	Surface Seal - Rejuvenating	2,342.30	SqFt	$0.40	$936.91
Taxiway Alpha	TW A	115	WEATH/RAVEL	M	Surface Seal - Coat Tar	126.40	SqFt	$0.40	$50.55
Taxiway Alpha	TW A	125	L & T CR	M	Crack Sealing - AC	174.90	Ft	$2.25	$393.43
Taxiway Alpha	TW A	125	L & T CR	H	Crack Sealing - AC	27.40	Ft	$2.25	$61.71
Taxiway Alpha	TW A	125	WEATH/RAVEL	L	Surface Seal - Rejuvenating	12,000.00	SqFt	$0.40	$4,800.04
Taxiway Alpha	TW A	126	WEATH/RAVEL	L	Surface Seal - Rejuvenating	1,312.40	SqFt	$0.40	$524.96
Taxiway Alpha	TW A	130	WEATH/RAVEL	L	Surface Seal - Rejuvenating	4,868.20	SqFt	$0.40	$1,947.28
Taxiway Alpha	TW A	135	WEATH/RAVEL	L	Surface Seal - Rejuvenating	700.00	SqFt	$0.40	$280.00
Taxiway Alpha	TW A	136	WEATH/RAVEL	L	Surface Seal - Rejuvenating	1,600.00	SqFt	$0.40	$640.01
Taxiway Bravo	TW B	205	WEATH/RAVEL	L	Surface Seal - Rejuvenating	57,000.00	SqFt	$0.40	$22,800.19
Taxiway Bravo	TW B	205	L & T CR	M	Crack Sealing - AC	1,436.40	Ft	$2.25	$3,231.82
Taxiway Bravo	TW B	205	BLOCK CR	M	Crack Sealing - AC	554.20	Ft	$2.25	$1,246.91
Taxiway Bravo	TW B	205	WEATH/RAVEL	M	Surface Seal - Coat Tar	3,000.00	SqFt	$0.40	$1,200.01

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 Bravo	TW B	206	L & T CR	M	Crack Sealing - AC	45.50	Ft	$2.25	$102.38
Taxiway Bravo	TW B	206	WEATH/RAVEL	L	Surface Seal - Rejuvenating	2,730.00	SqFt	$0.40	$1,092.01
Taxiway Bravo	TW B	206	WEATH/RAVEL	M	Surface Seal - Coat Tar	2,002.00	SqFt	$0.40	$800.81
Taxiway Bravo	TW B	206	BLOCK CR	M	Crack Sealing - AC	216.30	Ft	$2.25	$486.78
Taxiway Bravo	TW B	207	WEATH/RAVEL	L	Surface Seal - Rejuvenating	440.00	SqFt	$0.40	$176.00
Taxiway Bravo	TW B	208	WEATH/RAVEL	L	Surface Seal - Rejuvenating	1,465.40	SqFt	$0.40	$586.16
Taxiway Bravo	TW B	208	L & T CR	M	Crack Sealing - AC	27.50	Ft	$2.25	$61.82
Taxiway Bravo	TW B	209	WEATH/RAVEL	L	Surface Seal - Rejuvenating	1,550.00	SqFt	$0.40	$620.01
Taxiway Bravo	TW B	209	L & T CR	M	Crack Sealing - AC	18.00	Ft	$2.25	$40.50
Taxiway Charlie	TW C	305	WEATH/RAVEL	L	Surface Seal - Rejuvenating	3,262.50	SqFt	$0.40	$1,305.01
Taxiway Charlie	TW C	306	WEATH/RAVEL	L	Surface Seal - Rejuvenating	973.50	SqFt	$0.40	$389.40
Taxiway Charlie	TW C	310	L & T CR	H	Crack Sealing - AC	38.90	Ft	$2.25	$87.54
Taxiway Charlie	TW C	310	WEATH/RAVEL	M	Surface Seal - Coat Tar	23,344.70	SqFt	$0.40	$9,337.96
Taxiway Charlie	TW C	310	WEATH/RAVEL	L	Surface Seal - Rejuvenating	3,825.90	SqFt	$0.40	$1,530.39
Taxiway Charlie	TW C	310	PATCHING	M	Patching - AC Deep	10.70	SqFt	$4.90	$52.65
Taxiway Charlie	TW C	310	BLOCK CR	M	Crack Sealing - AC	988.30	Ft	$2.25	$2,223.59
Taxiway Charlie	TW C	310	L & T CR	M	Crack Sealing - AC	363.10	Ft	$2.25	$817.07
Taxiway Charlie	TW C	311	WEATH/RAVEL	L	Surface Seal - Rejuvenating	812.20	SqFt	$0.40	$324.88
Taxiway Charlie	TW C	315	WEATH/RAVEL	L	Surface Seal - Rejuvenating	3,500.00	SqFt	$0.40	$1,400.01
Taxiway Charlie	TW C	320	WEATH/RAVEL	L	Surface Seal - Rejuvenating	344.60	SqFt	$0.40	$137.85
Taxiway Charlie	TW C	325	WEATH/RAVEL	L	Surface Seal - Rejuvenating	3,633.50	SqFt	$0.40	$1,453.43
Taxiway Charlie	TW C	330	WEATH/RAVEL	L	Surface Seal - Rejuvenating	29,956.60	SqFt	$0.40	$11,982.74
Taxiway Charlie	TW C	330	WEATH/RAVEL	M	Surface Seal - Coat Tar	104,177.40	SqFt	$0.40	$41,671.31
Taxiway Charlie	TW C	330	L & T CR	M	Crack Sealing - AC	223.60	Ft	$2.25	$503.00
Taxiway Charlie	TW C	330	DEPRESSION	M	Patching - AC Deep	87.10	SqFt	$4.90	$426.96

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 Charlie	TW C	330	BLOCK CR	M	Crack Sealing - AC	1,907.90	Ft	$2.25	$4,292.83
East Apron	AP E	4230	WEATH/RAVEL	L	Surface Seal - Rejuvenating	23,223.40	SqFt	$0.40	$9,289.44
East Apron	AP E	4230	WEATH/RAVEL	M	Surface Seal - Coat Tar	205.80	SqFt	$0.40	$82.33
East Apron	AP E	4235	L & T CR	M	Crack Sealing - AC	226.10	Ft	$2.25	$508.71
East Apron	AP E	4235	WEATH/RAVEL	M	Surface Seal - Coat Tar	10,852.60	SqFt	$0.40	$4,341.06
East Apron	AP E	4235	L & T CR	H	Crack Sealing - AC	180.90	Ft	$2.25	$406.97
East Apron	AP E	4235	BLOCK CR	M	Crack Sealing - AC	1,240.40	Ft	$2.25	$2,791.01
East Apron	AP E	4235	WEATH/RAVEL	L	Surface Seal - Rejuvenating	34,366.40	SqFt	$0.40	$13,746.69
Helicopter Pad	AP H	4505	WEATH/RAVEL	L	Surface Seal - Rejuvenating	27,291.00	SqFt	$0.40	$10,916.49
North Apron	AP N	4405	WEATH/RAVEL	H	Microsurfacing - AC	8,817.30	SqFt	$0.65	$5,731.20
North Apron	AP N	4405	WEATH/RAVEL	L	Surface Seal - Rejuvenating	101,183.90	SqFt	$0.40	$40,473.89
North Apron	AP N	4405	L & T CR	M	Crack Sealing - AC	1,289.10	Ft	$2.25	$2,900.43
North Apron	AP N	4405	BLOCK CR	M	Crack Sealing - AC	21,479.10	Ft	$2.25	$48,328.04
North Apron	AP N	4405	WEATH/RAVEL	M	Surface Seal - Coat Tar	104,844.80	SqFt	$0.40	$41,938.29
Run-Up Apron at RW 12	AP RU	4305	WEATH/RAVEL	L	Surface Seal - Rejuvenating	184.00	SqFt	$0.40	$73.60
Run-Up Apron at Taxiway D	AP TW D RU	5105	WEATH/RAVEL	L	Surface Seal - Rejuvenating	2,506.90	SqFt	$0.40	$1,002.76
West Apron	AP W	4105	JOINT SPALL	M	Patching - PCC Partial Depth	0.00	SqFt	$19.06	$0.00
West Apron	AP W	4105	CORNER SPALL	M	Patching - PCC Partial Depth	0.00	SqFt	$19.06	$0.00
West Apron	AP W	4105	CORNER SPALL	H	Patching - PCC Partial Depth	0.00	SqFt	$19.06	$0.00
West Apron	AP W	4105	LINEAR CR	M	Crack Sealing - PCC	0.00	Ft	$4.24	$0.00
West Apron	AP W	4105	WEATH/RAVEL	M	Surface Seal - Coat Tar	25,955.90	SqFt	$0.40	$10,382.44
West Apron	AP W	4105	WEATH/RAVEL	L	Surface Seal - Rejuvenating	205,175.00	SqFt	$0.40	$82,070.70
West Apron	AP W	4110	SHAT. SLAB	M	Slab Replacement - PCC	0.00	SqFt	$39.11	$0.00

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

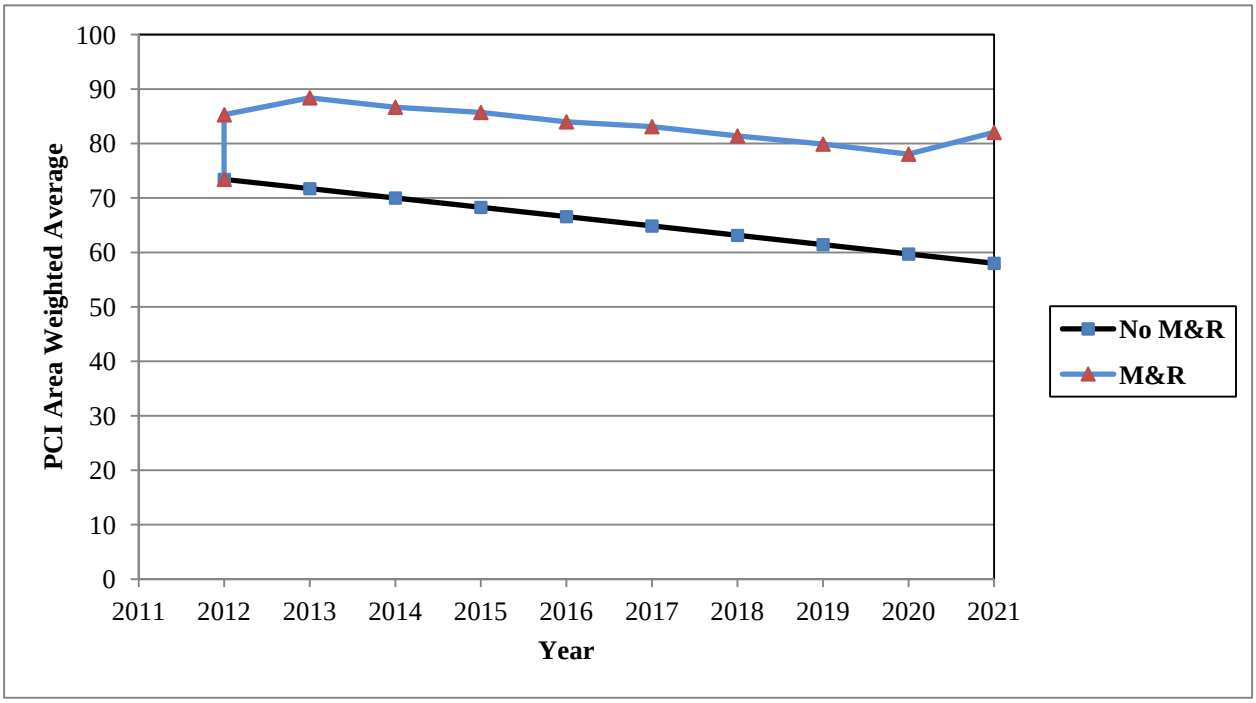
Branch Name	Branch ID	Section ID	Distress Description	Distress Severity	Work Description	Work Quantity	Work Unit	Unit Cost	Work Cost
West Apron	AP W	4110	SHAT. SLAB	H	Slab Replacement - PCC	0.00	SqFt	$39.11	$0.00
West Apron	AP W	4110	FAULTING	M	Grinding (Localized)	0.00	Ft	$22.51	$0.00
West Apron	AP W	4110	LINEAR CR	M	Crack Sealing - PCC	0.00	Ft	$4.24	$0.00
West Apron	AP W	4110	LINEAR CR	H	Crack Sealing - PCC	0.00	Ft	$4.24	$0.00
West Apron	AP W	4115	WEATH/RAVEL	L	Surface Seal - Rejuvenating	23,920.00	SqFt	$0.40	$9,568.08
West Apron	AP W	4115	WEATH/RAVEL	M	Surface Seal - Coat Tar	2,080.00	SqFt	$0.40	$832.01
West Apron	AP W	4120	L & T CR	M	Crack Sealing - AC	1,634.30	Ft	$2.25	$3,677.26
West Apron	AP W	4120	WEATH/RAVEL	L	Surface Seal - Rejuvenating	125,590.50	SqFt	$0.40	$50,236.60
West Apron	AP W	4120	WEATH/RAVEL	M	Surface Seal - Coat Tar	16,997.10	SqFt	$0.40	$6,798.89
West Apron	AP W	4120	WEATH/RAVEL	H	Microsurfacing - AC	171.60	SqFt	$0.65	$111.54
West Apron	AP W	4120	DEPRESSION	M	Patching - AC Deep	218.90	SqFt	$4.90	$1,072.55
West Apron	AP W	4120	DEPRESSION	H	Patching - AC Deep	636.80	SqFt	$4.90	$3,120.34
West Apron	AP W	4125	LINEAR CR	M	Crack Sealing - PCC	37.50	Ft	$4.24	$159.00
Runway 12-30	RW 12-30	6102	WEATH/RAVEL	L	Surface Seal - Rejuvenating	2,403.30	SqFt	$0.40	$961.34
Runway 12-30	RW 12-30	6105	L & T CR	M	Crack Sealing - AC	160.60	Ft	$2.25	$361.30
Runway 12-30	RW 12-30	6105	WEATH/RAVEL	M	Surface Seal - Coat Tar	583.90	SqFt	$0.40	$233.57
Runway 12-30	RW 12-30	6105	WEATH/RAVEL	L	Surface Seal - Rejuvenating	75,933.90	SqFt	$0.40	$30,373.82
Runway 12-30	RW 12-30	6120	WEATH/RAVEL	L	Surface Seal - Rejuvenating	1,955.70	SqFt	$0.40	$782.30
Runway 16-34	RW 16-34	6305	L & T CR	M	Crack Sealing - AC	312.80	Ft	$2.25	$703.80
Runway 16-34	RW 16-34	6305	WEATH/RAVEL	M	Surface Seal - Coat Tar	11,106.80	SqFt	$0.40	$4,442.77
Runway 16-34	RW 16-34	6305	WEATH/RAVEL	L	Surface Seal - Rejuvenating	461,126.10	SqFt	$0.40	$184,451.97
Runway 7-25	RW 7-25	6205	WEATH/RAVEL	L	Surface Seal - Rejuvenating	13,721.10	SqFt	$0.40	$5,488.49
Runway 7-25	RW 7-25	6210	WEATH/RAVEL	L	Surface Seal - Rejuvenating	872.70	SqFt	$0.40	$349.09
Taxiway Alpha	TW A	101	WEATH/RAVEL	L	Surface Seal - Rejuvenating	173.10	SqFt	$0.40	$69.22
Taxiway Alpha	TW A	102	WEATH/RAVEL	L	Surface Seal - Rejuvenating	1,980.00	SqFt	$0.40	$792.01

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 Alpha	TW A	105	WEATH/RAVEL	L	Surface Seal - Rejuvenating	5,285.90	SqFt	$0.40	$2,114.37
Taxiway Charlie 1	TW C1	505	WEATH/RAVEL	L	Surface Seal - Rejuvenating	1,867.20	SqFt	$0.40	$746.89
Taxiway Delta	TW D	405	WEATH/RAVEL	L	Surface Seal - Rejuvenating	14,836.90	SqFt	$0.40	$5,934.81
Taxiway Delta	TW D	411	WEATH/RAVEL	L	Surface Seal - Rejuvenating	326.70	SqFt	$0.40	$130.68
Taxiway Delta	TW D	412	WEATH/RAVEL	L	Surface Seal - Rejuvenating	1,155.00	SqFt	$0.40	$462.00
								Total =	**$779,406.41**

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 74 in 2012 to an average of 58 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 78 through the 10-year analysis period under the unlimited budget scenario. A 2021 PCI average of 82 with this scenario is 24 PCI points higher than a "No M&R" scenario. The total cost for Major M&R over this 10-year period is about $11.4 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	$365,517.89	$7,350,282.82	$7,715,800.71
2013	$210,422.13	$1,491,045.81	$1,701,467.95
2014	$264,188.32	$0.00	$264,188.32
2015	$298,936.49	$224,478.50	$523,414.99
2016	$355,282.33	$8,321.71	$363,604.04
2017	$393,142.23	$305,550.35	$698,692.58
2018	$455,244.44	$8,919.66	$464,164.10
2019	$530,088.86	$0.00	$530,088.86
2020	$635,190.87	$28,089.63	$663,280.50
2021	$519,272.58	$2,003,743.78	$2,523,016.36
Total	**$4,027,286.14**	**$11,420,432.26**	**$15,447,718.41**

Note: Costs are adjusted for inflation.

Approximately 64% of the total Major M&R cost is required in the first year (2012). According to the 2011 inspections, the following pavement sections were in immediate need of Major M&R Activity:

- **East Apron** – Asphalt pavement mill and overlay activity.
- **North Apron** – Asphalt pavement reconstruction activity.
- **West Apron** – Asphalt pavement mill and overlay activity. Restoration of PCC pavement activity.
- **Taxiway Alpha** – Asphalt pavement mill and overlay activity.
- **Taxiway Bravo** – Asphalt pavement mill and overlay activity.
- **Taxiway Charlie** – Asphalt pavement reconstruction activity.

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 Witham Field Airport, and a 10-year M&R plan was developed based on the unlimited funding scenario.

The following recommendations were made based on the 2011 condition inspection and M&R analysis results:

- **East Apron** – Asphalt pavement mill and overlay activity.
- **North Apron** – Asphalt pavement reconstruction activity.
- **West Apron** – Asphalt pavement mill and overlay activity. Restoration of PCC pavement activity.
- **Taxiway Alpha** – Asphalt pavement mill and overlay activity.
- **Taxiway Bravo** – Asphalt pavement mill and overlay activity.
- **Taxiway Charlie** – Asphalt pavement reconstruction activity.

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.

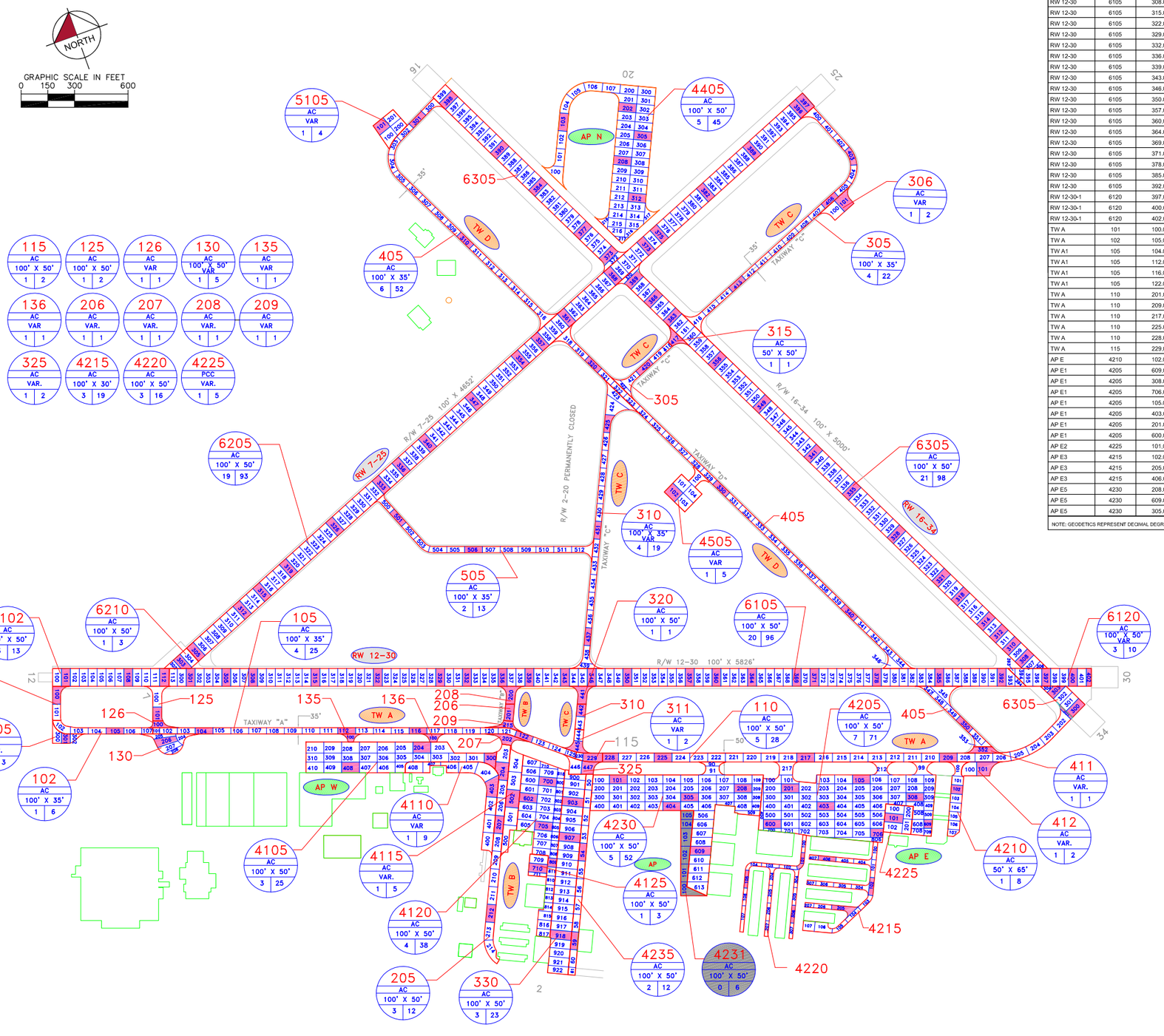
APPENDIX A

NETWORK DEFINITION MAP

SYSTEM INVENTORY MAP

PAVEMENT INVENTORY TABLE

WORK HISTORY REPORT



GPS COORDINATES - WITHAM FIELD

LOCATION	SECTION	SAMPLE	LATITUDE	LONGITUDE	LOCATION	SECTION	SAMPLE	LATITUDE	LONGITUDE	LOCATION	SECTION	SAMPLE	LATITUDE	LONGITUDE
RW 12-30	6102	101.00	27.18200000	-80.23120000	AP E5	4230	404.00	27.17690000	-80.22220000	RW 7-25	6205	326.00	27.18280000	-80.22590000
RW 12-30	6102	108.00	27.18170000	-80.23020000	AP E5	4230	101.00	27.17760000	-80.22290000	RW 7-25	6205	333.00	27.18310000	-80.22490000
RW 12-30	6102	112.00	27.18150000	-80.22960000	AP E6	4235	54.00	27.17670000	-80.22390000	RW 7-25	6205	336.00	27.18330000	-80.22450000
RW 12-30	6105	301.00	27.18130000	-80.22920000	AP E6	4235	59.00	27.17550000	-80.22450000	RW 7-25	6205	340.00	27.18350000	-80.22390000
RW 12-30	6105	305.00	27.18120000	-80.22860000	AP W	4105	217.00	27.18030000	-80.22960000	RW 7-25	6205	347.00	27.18380000	-80.22290000
RW 12-30	6105	308.00	27.18100000	-80.22820000	AP W	4105	312.00	27.17970000	-80.22820000	RW 7-25	6205	354.00	27.18420000	-80.22190000
RW 12-30	6105	315.00	27.18070000	-80.22720000	AP W	4105	408.00	27.17920000	-80.22710000	RW 7-25	6205	357.00	27.18430000	-80.22150000
RW 12-30	6105	322.00	27.18030000	-80.22610000	AP W	4105	204.00	27.17910000	-80.22580000	RW 7-25	6205	361.00	27.18450000	-80.22090000
RW 12-30	6105	329.00	27.18000000	-80.22510000	AP W	4105	300.00	27.17850000	-80.22480000	RW 7-25	6205	368.00	27.18490000	-80.21990000
RW 12-30	6105	332.00	27.17990000	-80.22470000	AP W	4115	502.00	27.17790000	-80.22470000	RW 7-25	6205	373.00	27.18520000	-80.21920000
RW 12-30	6105	336.00	27.17970000	-80.22410000	AP W	4120	602.00	27.17780000	-80.22440000	RW 7-25	6205	375.00	27.18530000	-80.21890000
RW 12-30	6105	339.00	27.17950000	-80.22370000	AP W	4120	700.00	27.17790000	-80.22400000	RW 7-25	6205	382.00	27.18560000	-80.21790000
RW 12-30	6105	343.00	27.17930000	-80.22310000	AP W	4120	705.00	27.17730000	-80.22430000	RW 7-25	6205	389.00	27.18600000	-80.21690000
RW 12-30	6105	346.00	27.17920000	-80.22270000	AP W	4120	809.00	27.17670000	-80.22440000	RW 7-25	6205	396.00	27.18630000	-80.21590000
RW 12-30	6105	350.00	27.17900000	-80.22210000	AP W	4125	710.00	27.17670000	-80.22470000	RW 7-25	6205	397.00	27.18640000	-80.21580000
RW 12-30	6105	357.00	27.17870000	-80.22110000	AP W1	4110	403.00	27.17810000	-80.22490000	TW D	405	301.00	27.18820000	-80.22220000
RW 12-30	6105	360.00	27.17850000	-80.22070000	TW A	4305	301.00	27.18110000	-80.23160000	TW D	405	310.00	27.18620000	-80.22210000
RW 12-30	6105	364.00	27.17830000	-80.22010000	TW A2	125	101.00	27.18100000	-80.22990000	TW D	405	320.00	27.18370000	-80.22080000
RW 12-30	6105	369.00	27.17810000	-80.21940000	TW A3	126	100.00	27.18060000	-80.22990000	TW D	405	330.00	27.18120000	-80.21950000
RW 12-30	6105	371.00	27.17800000	-80.21910000	TW A4	130	206.00	27.18060000	-80.22990000	TW D	405	340.00	27.17880000	-80.21810000
RW 12-30	6105	378.00	27.17770000	-80.21810000	TW A4	131	100.00	27.18030000	-80.22980000	TW D	405	350.00	27.17650000	-80.21690000
RW 12-30	6105	385.00	27.17730000	-80.21710000	TW A5	135	100.00	27.17960000	-80.22690000	TW D	5105	101.00	27.18830000	-80.22280000
RW 12-30	6105	392.00	27.17700000	-80.21600000	TW A6	136	100.00	27.17920000	-80.22560000	TW D1	4505	102.00	27.18140000	-80.22020000
RW 12-30-1	6120	397.00	27.17680000	-80.21530000	TW B	208	200.00	27.17940000	-80.22400000	TW D	411	352.00	27.17600000	-80.21680000
RW 12-30-1	6120	400.00	27.17660000	-80.21490000	TW B	206	201.00	27.17910000	-80.22420000	TW D2	412	101.00	27.17580000	-80.21680000
RW 12-30-1	6120	402.00	27.17650000	-80.21460000	TW B	209	215.00	27.17890000	-80.22440000	AP N	4405	103.00	27.18740000	-80.21980000
TW A	101	100.00	27.18180000	-80.23140000	TW B	207	202.00	27.17880000	-80.22440000	AP N	4405	202.00	27.18730000	-80.21870000
TW A	102	105.00	27.18100000	-80.23070000	TW B	205	204.00	27.17830000	-80.22470000	AP N	4405	208.00	27.18650000	-80.21910000
TW A1	105	104.00	27.18050000	-80.22930000	TW B	205	207.00	27.17760000	-80.22510000	AP N	4405	305.00	27.18680000	-80.21860000
TW A1	105	112.00	27.17970000	-80.22700000	TW B	205	212.00	27.17630000	-80.22570000	AP N	4405	312.00	27.18590000	-80.21910000
TW A1	105	116.00	27.17940000	-80.22580000	TW C	305	403.00	27.18540000	-80.21540000	RW 16-34	6305	300.00	27.17620000	-80.21500000
TW A1	105	122.00	27.17870000	-80.22410000	TW C	305	406.00	27.18480000	-80.21600000	RW 16-34	6305	303.00	27.17650000	-80.21520000
TW A	110	201.00	27.17620000	-80.21520000	TW C	305	413.00	27.18410000	-80.21800000	RW 16-34	6305	308.00	27.17720000	-80.21560000
TW A	110	209.00	27.17610000	-80.21740000	TW C	305	420.00	27.18340000	-80.22000000	RW 16-34	6305	310.00	27.17740000	-80.21570000
TW A	110	217.00	27.17690000	-80.21970000	TW C	306	101.00	27.18480000	-80.21570000	RW 16-34	6305	312.00	27.17770000	-80.21580000
TW A	110	225.00	27.17770000	-80.22200000	TW C	315	417.00	27.18370000	-80.21930000	RW 16-34	6305	314.00	27.17790000	-80.21600000
TW A	110	228.00	27.17790000	-80.22290000	TW C	310	425.00	27.18280000	-80.22090000	RW 16-34	6305	318.00	27.17840000	-80.21620000
TW A	115	229.00	27.17800000	-80.22310000	TW C	310	431.00	27.18130000	-80.22170000	RW 16-34	6305	321.00	27.17880000	-80.21640000
AP E	4210	102.00	27.17560000	-80.21740000	TW C	310	437.00	27.17980000	-80.22250000	RW 16-34	6305	328.00	27.17960000	-80.21690000
AP E1	4205	609.00	27.17530000	-80.21810000	TW C	310	442.00	27.17880000	-80.22300000	RW 16-34	6305	335.00	27.18050000	-80.21740000
AP E1	4205	308.00	27.17570000	-80.21820000	TW C	320	441.00	27.17900000	-80.22290000	RW 16-34	6305	341.00	27.18130000	-80.21780000
AP E1	4205	706.00	27.17540000	-80.21900000	TW C	311	445.00	27.17820000	-80.22340000	RW 16-34	6305	349.00	27.18230000	-80.21830000
AP E1	4205	105.00	27.17630000	-80.21890000	TW C	325	447.00	27.17790000	-80.22320000	RW 16-34	6305	356.00	27.18310000	-80.21880000
AP E1	4205	403.00	27.17610000	-80.21970000	TW C	330	903.00	27.17750000	-80.22370000	RW 16-34	6305	363.00	27.18400000	-80.21920000
AP E1	4205	201.00	27.17650000	-80.22010000	TW C	330	907.00	27.17700000	-80.22400000	RW 16-34	6305	366.00	27.18440000	-80.21940000
AP E1	4205	600.00	27.17610000	-80.22060000	TW C	330	918.00	27.17560000	-80.22470000	RW 16-34	6305	369.00	27.18470000	-80.21960000
AP E2	4225	101.00	27.17560000	-80.21860000	TW C1	505	501.00	27.18260000	-80.22490000	RW 16-34	6305	373.00	27.18520000	-80.21990000
AP E3	4215	102.00	27.17470000	-80.21940000	TW C1	505	506.00	27.18170000	-80.22380000	RW 16-34	6305	377.00	27.18570000	-80.22010000
AP E3	4215	205.00	27.17450000	-80.22000000	RW 7-25	6210	303.00	27.18160000	-80.22920000	RW 16-34	6305	384.00	27.18660000	-80.22060000
AP E3	4215	406.00	27.17530000	-80.22000000	RW 7-25	6205	305.00	27.18170000	-80.22890000	RW 16-34	6305	390.00	27.18730000	-80.22100000
AP E5	4230	208.00	27.17680000	-80.22090000	RW 7-25	6205	312.00	27.18200000	-80.22790000	RW 16-34	6305	398.00	27.18830000	-80.22150000
AP E5	4230	609.00	27.17610000	-80.22200000	RW 7-25	6205	315.00	27.18220000	-80.22750000					
AP E5	4230	305.00	27.17690000	-80.22180000	RW 7-25	6205	319.00	27.18240000	-80.22690000					

NOTE: GEODETICS REPRESENT DECIMAL DEGREES WGS84 (DERIVED FROM NAD 83 FLORIDA STATE PLANES, EAST ZONE, US FOOT); ALL GPS COORDINATES ARE AT THE CENTROID OF THE SAMPLE UNITS.

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; 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 = 157

PLOTTED: February 23, 2012 – 12:08 PM, BY: Burton, George

NUMBER	DATE	REVISIONS

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

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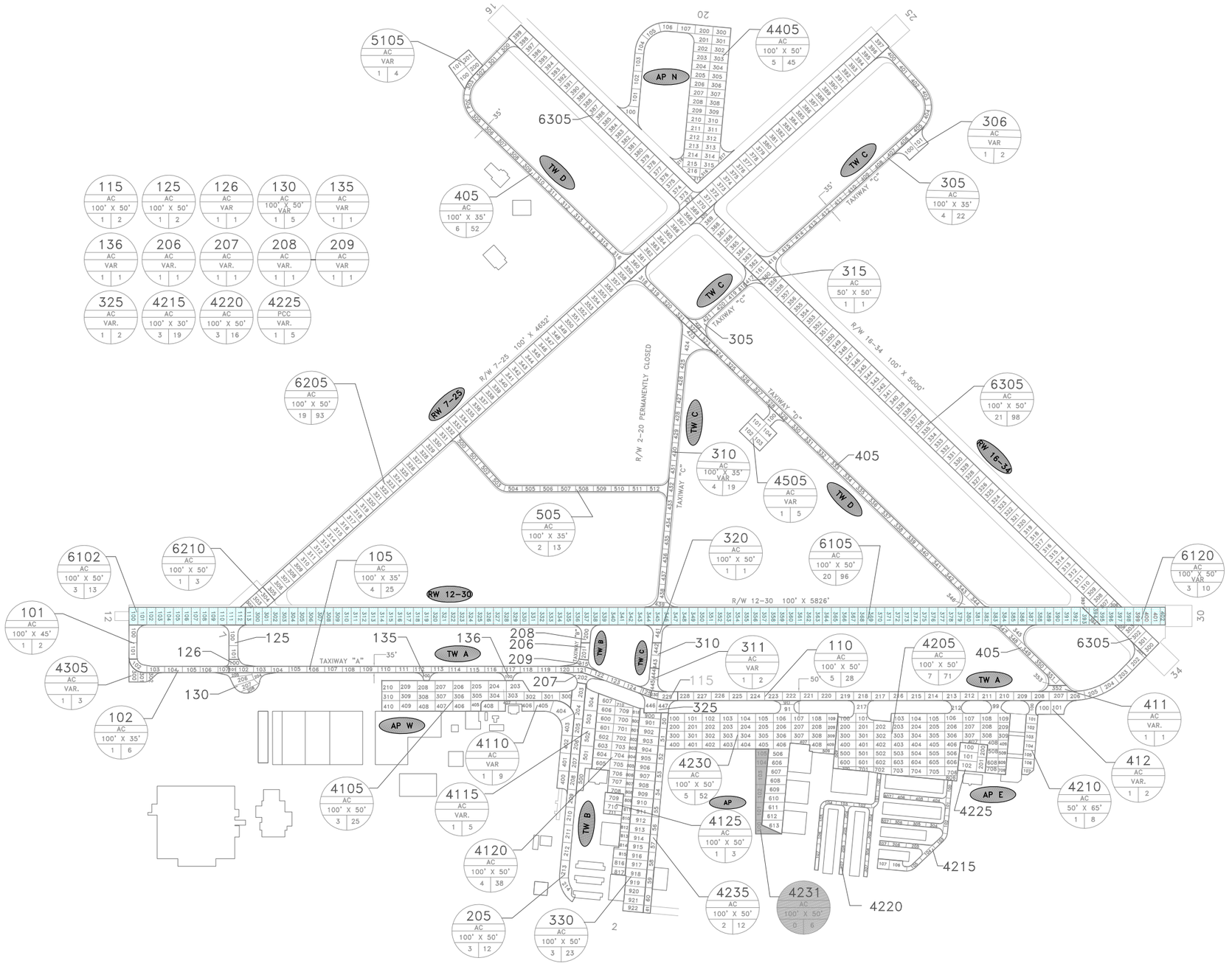
NETWORK DEFINITION MAP
WITHAM FIELD
MARTIN COUNTY, FLORIDA
FLORIDA DEPARTMENT OF TRANSPORTATION - AVIATION OFFICE

IDENTIFIER
SUA
FDOT DISTRICT
4



RECENT/ANTICIPATED PAVEMENT CONSTRUCTION ACTIVITY

Construction Year	Location	Work Type / Pavement Section
2011	Runway 12-30	EMASS/PDC
2013/2014	Non-movement areas	Rehab of certain ramp areas
Comments		
Survey teams must be escorted by Airport employee.		

LEGEND

- PROJECTS YEAR 2006
- PROJECTS YEAR 2007
- 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

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

PLOTTED: February 23, 2012 – 12:07 PM, BY: Burton, George

NUMBER	DATE	REVISIONS

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

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SYSTEM INVENTORY MAP

WITHAM FIELD
MARTIN COUNTY, FLORIDA

FLORIDA DEPARTMENT OF TRANSPORTATION - AVIATION OFFICE

IDENTIFIER SUA

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
East Apron	AP E	APRON	4205	800	350	363,400	P	AC	12/25/1999	12/8/2011	71
East Apron	AP E	APRON	4210	370	50	24,000	P	AC	12/25/1999	12/8/2011	8
East Apron	AP E	APRON	4215	1800	30	54,000	P	AC	12/25/1999	12/8/2011	19
East Apron	AP E	APRON	4220	1600	30	48,000	P	AC	12/25/1999	12/8/2011	16
East Apron	AP E	APRON	4225	160	160	25,600	P	PCC	12/25/1999	12/8/2011	5
East Apron	AP E	APRON	4230	955	200	250,580	P	AC	1/1/2000	12/8/2011	52
East Apron	AP E	APRON	4231	900	30	27,610	P	AC	7/1/2011	7/1/2011	6
East Apron	AP E	APRON	4235	1129	40	45,219	P	AC	12/25/1999	12/8/2011	12
Helicopter Pad	AP H	APRON	4505	219	160	27,291	P	AC	1/1/2010	12/8/2011	5
North Apron	AP N	APRON	4405	850	200	214,846	P	AC	1/1/2010	12/8/2011	45
Run-Up Apron at RW 12	AP RU	APRON	4305	130	60	9,200	P	AC	1/1/2008	12/8/2011	3
Run-Up Apron at Taxiway D	AP TW D RU	APRON	5105	129	152	20,055	P	AC	1/1/2010	12/8/2011	4
West Apron	AP W	APRON	4105	800	170	141,337	P	AC	12/25/1999	12/8/2011	25
West Apron	AP W	APRON	4110	900	60	60,800	P	PCC	12/25/1999	12/8/2011	9
West Apron	AP W	APRON	4115	400	60	26,000	P	AC	12/25/1999	12/8/2011	5
West Apron	AP W	APRON	4120	420	300	142,800	P	AC	12/25/1999	12/8/2011	38
West Apron	AP W	APRON	4125	120	103	12,419	P	PCC	1/1/2006	12/8/2011	3
Runway 12-30	RW 12-30	RUNWAY	6102	700	100	70,000	P	AC	1/1/2011	12/8/2011	13
Runway 12-30	RW 12-30	RUNWAY	6105	4866	100	486,600	P	APC	1/1/2011	12/8/2011	96
Runway 12-30	RW 12-30	RUNWAY	6120	286	100	28,600	P	APC	1/1/2011	12/8/2011	10
Runway 16-34	RW 16-34	RUNWAY	6305	5000	100	500,000	S	AAC	1/1/1985	12/8/2011	98
Runway 7-25	RW 7-25	RUNWAY	6205	4750	100	475,000	S	AAC	1/1/2010	12/8/2011	93
Runway 7-25	RW 7-25	RUNWAY	6210	80	100	8,000	S	AAC	1/1/2010	12/8/2011	3
Taxiway Alpha	TW A	TAXIWAY	101	192	45	9,162	T	AC	1/1/2010	12/8/2011	2

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 Alpha	TW A	TAXIWAY	102	770	30	23,100	P	AC	1/1/2008	12/8/2011	6
Taxiway Alpha	TW A	TAXIWAY	105	2530	30	75,900	P	AC	1/1/2008	12/8/2011	25
Taxiway Alpha	TW A	TAXIWAY	110	2740	50	137,000	P	AAC	1/1/2008	12/8/2011	28
Taxiway Alpha	TW A	TAXIWAY	115	180	50	9,000	P	AAC	1/1/2008	12/8/2011	2
Taxiway Alpha	TW A	TAXIWAY	125	230	50	12,000	P	AC	1/1/2010	12/8/2011	2
Taxiway Alpha	TW A	TAXIWAY	126	39	64	3,176	P	AC	1/1/2008	12/8/2011	1
Taxiway Alpha	TW A	TAXIWAY	130	200	100	20,000	P	AC	1/1/2010	12/8/2011	5
Taxiway Alpha	TW A	TAXIWAY	135	45	48	2,422	P	AC	1/1/2008	12/8/2011	1
Taxiway Alpha	TW A	TAXIWAY	136	45	58	2,872	P	AC	1/1/2008	12/8/2011	1
Taxiway Bravo	TW B	TAXIWAY	205	1200	50	60,000	P	AC	1/1/1942	12/8/2011	12
Taxiway Bravo	TW B	TAXIWAY	206	140	50	9,100	P	AC	1/1/2010	12/8/2011	1
Taxiway Bravo	TW B	TAXIWAY	207	120	60	8,800	P	AC	1/1/2008	12/8/2011	1
Taxiway Bravo	TW B	TAXIWAY	208	170	50	9,525	P	AC	1/1/2010	12/8/2011	1
Taxiway Bravo	TW B	TAXIWAY	209	39	74	3,654	P	AC	1/1/2008	12/8/2011	1
Taxiway Charlie	TW C	TAXIWAY	305	2175	50	108,750	P	AC	1/1/2010	12/8/2011	22
Taxiway Charlie	TW C	TAXIWAY	306	85	143	13,326	P	AC	1/1/2010	12/8/2011	2
Taxiway Charlie	TW C	TAXIWAY	310	1900	50	95,000	P	AC	1/1/2010	12/8/2011	19
Taxiway Charlie	TW C	TAXIWAY	311	128	50	7,977	P	AC	1/1/2008	12/8/2011	2
Taxiway Charlie	TW C	TAXIWAY	315	50	50	3,500	P	AAC	1/1/2010	12/8/2011	1
Taxiway Charlie	TW C	TAXIWAY	320	100	50	5,600	P	AC	1/1/2010	12/8/2011	1
Taxiway Charlie	TW C	TAXIWAY	325	110	75	8,250	P	AC	1/1/2008	12/8/2011	2
Taxiway Charlie	TW C	TAXIWAY	330	1129	115	134,134	P	AC	12/25/1999	12/8/2011	23
Taxiway Charlie 1	TW C1	TAXIWAY	505	1319	35	47,529	P	AC	1/1/2010	12/8/2011	13
Taxiway Delta	TW D	TAXIWAY	405	5150	50	257,500	P	AC	1/1/2010	12/8/2011	52

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 Delta	TW D	TAXIWAY	411	165	21	3,465	P	AAC	1/1/2010	12/8/2011	1
Taxiway Delta	TW D	TAXIWAY	412	77	164	12,936	P	AC	1/1/2010	12/8/2011	2

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: SUA **Branch:** AP E (EAST APRON) **Section:** 4205 **Surface:** AC
L.C.D.: 12/25/1999 **Use:** APRON **Rank:** P **Length:** 800.00 Ft **Width:** 350.00 Ft **True Area:** 363,400.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
12/25/1999	INITIAL	Initial Construction	$0	0.00	True	

Network: SUA **Branch:** AP E (EAST APRON) **Section:** 4210 **Surface:** AC
L.C.D.: 12/25/1999 **Use:** APRON **Rank:** P **Length:** 370.00 Ft **Width:** 50.00 Ft **True Area:** 24.000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
12/25/1999	INITIAL	Initial Construction	$0	0.00	True	

Network: SUA **Branch:** AP E (EAST APRON) **Section:** 4215 **Surface:** AC
L.C.D.: 12/25/1999 **Use:** APRON **Rank:** P **Length:** 1,800.00 Ft **Width:** 30.00 Ft **True Area:** 54,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
12/25/1999	INITIAL	Initial Construction	$0	0.00	True	

Network: SUA **Branch:** AP E (EAST APRON) **Section:** 4220 **Surface:** AC
L.C.D.: 12/25/1999 **Use:** APRON **Rank:** P **Length:** 1.600.00 Ft **Width:** 30.00 Ft **True Area:** 48.000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
12/25/1999	INITIAL	Initial Construction	$0	0.00	True	

Network: SUA **Branch:** AP E (EAST APRON) **Section:** 4225 **Surface:** PCC
L.C.D.: 12/25/1999 **Use:** APRON **Rank:** P **Length:** 160.00 Ft **Width:** 160.00 Ft **True Area:** 25.600.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
12/25/1999	INITIAL	Initial Construction	$0	0.00	True	

Network: SUA **Branch:** AP E (EAST APRON) **Section:** 4230 **Surface:** AC
L.C.D.: 01/01/2000 **Use:** APRON **Rank:** P **Length:** 955.00 Ft **Width:** 200.00 Ft **True Area:** 250,580.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2000	INITIAL	Initial Construction	$0	0.00	True	

Network: SUA **Branch:** AP E (EAST APRON) **Section:** 4235 **Surface:** AC
L.C.D.: 12/25/1999 **Use:** APRON **Rank:** P **Length:** 1.129.00 Ft **Width:** 40.00 Ft **True Area:** 45.219.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
12/25/1999	INITIAL	Initial Construction	$0	0.00	True	

Network: SUA **Branch:** AP H (HELICOPTER PAD) **Section:** 4505 **Surface:** AC
L.C.D.: 01/01/2010 **Use:** APRON **Rank:** P **Length:** 219.00 Ft **Width:** 160.00 Ft **True Area:** 27,291.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	OL-AC	Overlay-AC	$0	0.00	True	
01/01/1942	INITIAL	Initial Construction	$0	0.00	True	

Network: SUA **Branch:** AP N (NORTH APRON) **Section:** 4405 **Surface:** AC
L.C.D.: 01/01/2010 **Use:** APRON **Rank:** P **Length:** 850.00 Ft **Width:** 200.00 Ft **True Area:** 214.846.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	OL-AC	Overlay-AC	$0	0.00	True	
01/01/1942	INITIAL	Initial Construction	$0	0.00	True	

Network: SUA **Branch:** AP RU (RUN-UP APRON AT RW 12) **Section:** 4305 **Surface:** AC
L.C.D.: 01/01/2008 **Use:** APRON **Rank:** P **Length:** 130.00 Ft **Width:** 60.00 Ft **True Area:** 9,200.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2008	OL-AC	Overlay-AC	$0	0.00	True	
12/25/1999	INITIAL	Initial Construction	$0	0.00	True	

Network: SUA **Branch:** AP TW D RU (RUN-UP APRON AT TAXIWAY D) **Section:** 5105 **Surface:** AC
L.C.D.: 01/01/2010 **Use:** APRON **Rank:** P **Length:** 129.00 Ft **Width:** 152.00 Ft **True Area:** 20,055.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	OL-AC	Overlay-AC	$0	0.00	True	
01/01/2004	INITIAL	Initial Construction	$0	0.00	True	

Network: SUA **Branch:** AP W (WEST APRON) **Section:** 4105 **Surface:** AC
L.C.D.: 12/25/1999 **Use:** APRON **Rank:** P **Length:** 1,500.00 Ft **Width:** 150.00 Ft **True Area:** 260,400.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
12/25/1999	INITIAL	Initial Construction	$0	0.00	True	

Network: SUA **Branch:** AP W (WEST APRON) **Section:** 4110 **Surface:** AC
L.C.D.: 12/25/1999 **Use:** APRON **Rank:** P **Length:** 900.00 Ft **Width:** 60.00 Ft **True Area:** 60,800.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
12/25/1999	INITIAL	Initial Construction	$0	0.00	True	

Network: SUA **Branch:** AP W (WEST APRON) **Section:** 4115 **Surface:** AC
L.C.D.: 12/25/1999 **Use:** APRON **Rank:** P **Length:** 400.00 Ft **Width:** 60.00 Ft **True Area:** 26,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
12/25/1999	INITIAL	Initial Construction	$0	0.00	True	

Network: SUA **Branch:** AP W (WEST APRON) **Section:** 4120 **Surface:** AC
L.C.D.: 12/25/1999 **Use:** APRON **Rank:** P **Length:** 420.00 Ft **Width:** 300.00 Ft **True Area:** 142,800.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
12/25/1999	INITIAL	Initial Construction	$0	0.00	True	

Network: SUA **Branch:** AP W (WEST APRON) **Section:** 4125 **Surface:** PCC
L.C.D.: 01/01/2006 **Use:** APRON **Rank:** P **Length:** 120.00 Ft **Width:** 103.00 Ft **True Area:** 12,419.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2006	INITIAL	Initial Construction	$0	0.00	True	

Network: SUA **Branch:** RW 12-30 (RUNWAY 12-30) **Section:** 6102 **Surface:** AC
L.C.D.: 01/01/2011 **Use:** RUNWAY **Rank:** P **Length:** 700.00 Ft **Width:** 100.00 Ft **True Area:** 70,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2011	OL-AC	Overlay-AC	$0	0.00	True	
01/01/1998	IMPORTED	BUILT			True	1998 AC PAVEMENT

Network: SUA **Branch:** RW 12-30 (RUNWAY 12-30) **Section:** 6105 **Surface:** APC
L.C.D.: 01/01/2011 **Use:** RUNWAY **Rank:** P **Length:** 4,866.00 Ft **Width:** 100.00 Ft **True Area:** 486,600.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2011	OL-AC	Overlay-AC	$0	0.00	True	

01/01/1998	IMPORTED	OVERLAY		3.00	True	1998 3" P401 OVERLAY
01/01/1963	IMPORTED	OVERLAY		1.00	True	1963 1" P401 OVERLAY
01/01/1942	IMPORTED	BUILT		1.50	True	1942 1.5" AC ON 9" P211

Network: SUA **Branch:** RW 12-30 (RUNWAY 12-30) **Section:** 6120 **Surface:** APC
L.C.D.: 01/01/2011 **Use:** RUNWAY **Rank:** P **Length:** 286.00 Ft **Width:** 100.00 Ft **True Area:** 28,600.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2011	OL-AC	Overlay-AC	$0	0.00	True	
01/01/1998	IMPORTED	OVERLAY		3.00	True	1998 3" P401 OVERLAY
01/01/1985	IMPORTED	OVERLAY		2.50	True	1985 2.5" P401 OVERLAY
01/01/1942	IMPORTED	BUILT		1.50	True	1942 1.5" P401 ON 9" P211

Network: SUA **Branch:** RW 16-34 (RUNWAY 16-34) **Section:** 6305 **Surface:** AAC
L.C.D.: 01/01/1985 **Use:** RUNWAY **Rank:** S **Length:** 5,000.00 Ft **Width:** 100.00 Ft **True Area:** 500,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1997	IMPORTED	REPAIR			False	1997 ASPHALT REJUVENATOR
01/01/1985	IMPORTED	OVERLAY			True	25' SHOULDERS NO LONGER CLASSIFIED AS USEABLE PAVEMENT
01/01/1985	IMPORTED	OVERLAY		2.50	True	1985 2.5" P401 ON
01/01/1942	IMPORTED	BUILT		1.50	True	1942 1.5" P401 ON 9" P211

Network: SUA **Branch:** RW 7-25 (RUNWAY 7-25) **Section:** 6205 **Surface:** AAC
L.C.D.: 01/01/2010 **Use:** RUNWAY **Rank:** S **Length:** 4,750.00 Ft **Width:** 100.00 Ft **True Area:** 475,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	OL-AC	Overlay-AC	$0	0.00	True	
01/01/1963	IMPORTED	OVERLAY		2.00	True	1963: 2" AC OVERLAY
01/01/1942	IMPORTED	BUILT		1.75	True	1942: 1.75" AC ON 9" LIME ROCK BASE

Network: SUA **Branch:** RW 7-25 (RUNWAY 7-25) **Section:** 6210 **Surface:** AAC
L.C.D.: 01/01/2010 **Use:** RUNWAY **Rank:** S **Length:** 80.00 Ft **Width:** 100.00 Ft **True Area:** 8,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	OL-AC	Overlay-AC	$0	0.00	True	
01/01/1998	IMPORTED	OVERLAY			True	ESTIMATE 1998 AC TAPERED OVERLAY
01/01/1963	IMPORTED	OVERLAY		2.00	True	1963: 2" AC OVERLAY
01/01/1942	IMPORTED	BUILT		1.75	True	1942: 1.75" AC ON 9" LIME ROCK BASE

Network: SUA **Branch:** TW A (TAXIWAY A) **Section:** 101 **Surface:** AC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** T **Length:** 192.00 Ft **Width:** 45.00 Ft **True Area:** 9,162.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	OL-AC	Overlay-AC	$0	0.00	True	
01/01/1998	INITIAL	Initial Construction	$0	0.00	True	

Network: SUA **Branch:** TW A (TAXIWAY A) **Section:** 102 **Surface:** AC
L.C.D.: 01/01/2008 **Use:** TAXIWAY **Rank:** P **Length:** 770.00 Ft **Width:** 30.00 Ft **True Area:** 23,100.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2008	OL-AC	Overlay-AC	$0	0.00	True	
01/01/1998	IMPORTED	BUILT			True	1998 AC CONSTRUCTION

Network: SUA **Branch:** TW A (TAXIWAY A) **Section:** 105 **Surface:** AC
L.C.D.: 01/01/2008 **Use:** TAXIWAY **Rank:** P **Length:** 2,530.00 Ft **Width:** 30.00 Ft **True Area:** 75,900.00 SqF

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

01/01/2008	OL-AC	Overlay-AC	$0	0.00	True	
01/01/1992	IMPORTED	BUILT			True	1992 AC PAVEMENT

Network: SUA **Branch:** TW A (TAXIWAY A) **Section:** 110 **Surface:** AAC
L.C.D.: 01/01/2008 **Use:** TAXIWAY **Rank:** P **Length:** 2,740.00 Ft **Width:** 50.00 Ft **True Area:** 137,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2008	OL-AC	Overlay-AC	$0	0.00	True	
01/01/1992	IMPORTED	OVERLAY		1.00	True	1992: 1" P-401 OVERLAY
01/01/1942	IMPORTED	BUILT		2.00	True	1942: 2" AC ON 8" LIME ROCK BASE

Network: SUA **Branch:** TW A (TAXIWAY A) **Section:** 115 **Surface:** AAC
L.C.D.: 01/01/2008 **Use:** TAXIWAY **Rank:** P **Length:** 180.00 Ft **Width:** 50.00 Ft **True Area:** 9,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2008	OL-AC	Overlay-AC	$0	0.00	True	
01/01/1963	IMPORTED	OVERLAY			True	ESTIMATE 1963 AC OVERLAY ON
01/01/1942	IMPORTED	BUILT		2.00	True	1942 2" AC ON 8" LIMEROCK

Network: SUA **Branch:** TW A (TAXIWAY A) **Section:** 125 **Surface:** AC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 230.00 Ft **Width:** 50.00 Ft **True Area:** 12,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	OL-AC	Overlay-AC	$0	0.00	True	
01/01/1963	IMPORTED	BUILT			True	ESTIMATE 1963 AC PAVEMENT

Network: SUA **Branch:** TW A (TAXIWAY A) **Section:** 126 **Surface:** AC
L.C.D.: 01/01/2008 **Use:** TAXIWAY **Rank:** P **Length:** 39.00 Ft **Width:** 64.00 Ft **True Area:** 3,176.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2008	OL-AC	Overlay-AC	$0	0.00	True	
01/01/1963	INITIAL	Initial Construction	$0	0.00	True	

Network: SUA **Branch:** TW A (TAXIWAY A) **Section:** 130 **Surface:** AC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 200.00 Ft **Width:** 100.00 Ft **True Area:** 20,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	OL-AC	Overlay-AC	$0	0.00	True	
12/25/1999	INITIAL	Initial Construction	$0	0.00	True	

Network: SUA **Branch:** TW A (TAXIWAY A) **Section:** 131 **Surface:** APC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 100.00 Ft **Width:** 50.00 Ft **True Area:** 5,118.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	OL-AC	Overlay-AC	$0	0.00	True	
12/25/1999	NU-IN	New Construction - Initial	$0	0.00	True	

Network: SUA **Branch:** TW A (TAXIWAY A) **Section:** 135 **Surface:** AC
L.C.D.: 01/01/2008 **Use:** TAXIWAY **Rank:** P **Length:** 45.00 Ft **Width:** 48.00 Ft **True Area:** 2,422.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2008	OL-AC	Overlay-AC	$0	0.00	True	
12/25/1999	INITIAL	Initial Construction	$0	0.00	True	

Network: SUA **Branch:** TW A (TAXIWAY A) **Section:** 136 **Surface:** AC
L.C.D.: 01/01/2008 **Use:** TAXIWAY **Rank:** P **Length:** 45.00 Ft **Width:** 58.00 Ft **True Area:** 2,872.00 SqF

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

01/01/2008	INITIAL	Initial Construction	$0	0.00	True	

Network: SUA **Branch:** TW B (TAXIWAY B) **Section:** 205 **Surface:** AC
L.C.D.: 01/01/1942 **Use:** TAXIWAY **Rank:** P **Length:** 1,200.00 Ft **Width:** 50.00 Ft **True Area:** 60,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1942	IMPORTED	BUILT		2.00	True	1942: 2" AC ON 8" LIME ROCK BASE

Network: SUA **Branch:** TW B (TAXIWAY B) **Section:** 206 **Surface:** AC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 140.00 Ft **Width:** 50.00 Ft **True Area:** 9,100.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	OL-AC	Overlay-AC	$0	0.00	True	
12/25/1999	INITIAL	Initial Construction	$0	0.00	True	

Network: SUA **Branch:** TW B (TAXIWAY B) **Section:** 207 **Surface:** AC
L.C.D.: 01/01/2008 **Use:** TAXIWAY **Rank:** P **Length:** 120.00 Ft **Width:** 60.00 Ft **True Area:** 8,800.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2008	OL-AC	Overlay-AC	$0	0.00	True	
01/01/1992	IMPORTED	BUILT			True	1992 AC PAVEMENT

Network: SUA **Branch:** TW B (TAXIWAY B) **Section:** 208 **Surface:** AC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 170.00 Ft **Width:** 50.00 Ft **True Area:** 9,525.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	OL-AC	Overlay-AC	$0	0.00	True	
01/01/1998	IMPORTED	OVERLAY			True	1998 TAPERED AC OVERLAY
01/01/1963	IMPORTED	OVERLAY		0.75	True	1963 .75" OVERLAY
01/01/1942	IMPORTED	BUILT		2.00	True	1942 2" AC ON 8" LIMEROCK BASE

Network: SUA **Branch:** TW B (TAXIWAY B) **Section:** 209 **Surface:** AC
L.C.D.: 01/01/2008 **Use:** TAXIWAY **Rank:** P **Length:** 39.00 Ft **Width:** 74.00 Ft **True Area:** 3,654.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2008	OL-AC	Overlay-AC	$0	0.00	True	
12/25/1999	INITIAL	Initial Construction	$0	0.00	True	

Network: SUA **Branch:** TW C (TAXIWAY C) **Section:** 305 **Surface:** AC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 2,175.00 Ft **Width:** 50.00 Ft **True Area:** 108,750.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	OL-AC	Overlay-AC	$0	0.00	True	
01/01/1943	IMPORTED	BUILT		2.00	True	1943 2" AC ON 8" LIMEROCK

Network: SUA **Branch:** TW C (TAXIWAY C) **Section:** 306 **Surface:** AC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 85.00 Ft **Width:** 143.00 Ft **True Area:** 13,326.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	OL-AC	Overlay-AC	$0	0.00	True	
03/01/2006	INITIAL	Initial Construction	$0	0.00	True	

Network: SUA **Branch:** TW C (TAXIWAY C) **Section:** 310 **Surface:** AC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 1,900.00 Ft **Width:** 50.00 Ft **True Area:** 95,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	OL-AC	Overlay-AC	$0	0.00	True	
01/01/1942	IMPORTED	BUILT		2.00	True	1942 2" AC ON 8" LIMEROCK

Network: SUA **Branch:** TW C (TAXIWAY C) **Section:** 311 **Surface:** AC
L.C.D.: 01/01/2008 **Use:** TAXIWAY **Rank:** P **Length:** 128.00 Ft **Width:** 50.00 Ft **True Area:** 7,977.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2008	OL-AC	Overlay-AC	$0	0.00	True	
01/01/1942	INITIAL	Initial Construction	$0	0.00	True	

Network: SUA **Branch:** TW C (TAXIWAY C) **Section:** 315 **Surface:** AAC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 50.00 Ft **Width:** 50.00 Ft **True Area:** 3,500.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	OL-AC	Overlay-AC	$0	0.00	True	
01/01/1985	IMPORTED	OVERLAY			True	ESTIMATE 1985 FEATHERED AC OVERLAY
01/01/1942	IMPORTED	BUILT		2.00	True	1942 2" AC ON 8" LIMEROCK

Network: SUA **Branch:** TW C (TAXIWAY C) **Section:** 320 **Surface:** AC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 100.00 Ft **Width:** 50.00 Ft **True Area:** 5,600.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	OL-AC	Overlay-AC	$0	0.00	True	
12/25/1999	INITIAL	Initial Construction	$0	0.00	True	

Network: SUA **Branch:** TW C (TAXIWAY C) **Section:** 325 **Surface:** AC
L.C.D.: 01/01/2008 **Use:** TAXIWAY **Rank:** P **Length:** 110.00 Ft **Width:** 75.00 Ft **True Area:** 8,250.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2008	OL-AC	Overlay-AC	$0	0.00	True	
12/25/1999	INITIAL	Initial Construction	$0	0.00	True	

Network: SUA **Branch:** TW C (TAXIWAY C) **Section:** 330 **Surface:** AC
L.C.D.: 12/25/1999 **Use:** TAXIWAY **Rank:** P **Length:** 1,129.00 Ft **Width:** 115.00 Ft **True Area:** 134,134.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
12/25/1999	INITIAL	Initial Construction	$0	0.00	True	

Network: SUA **Branch:** TW C1 (TAXIWAY C1) **Section:** 505 **Surface:** AC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 1,319.00 Ft **Width:** 35.00 Ft **True Area:** 47,529.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	OL-AC	Overlay-AC	$0	0.00	True	
01/01/2003	INITIAL	Initial Construction	$0	0.00	True	

Network: SUA **Branch:** TW D (TAXIWAY D) **Section:** 405 **Surface:** AC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 5,150.00 Ft **Width:** 50.00 Ft **True Area:** 257,500.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	OL-AC	Overlay-AC	$0	0.00	True	
01/01/1942	IMPORTED	BUILT		1.50	True	1942 1.5" AC ON 9" LIMEROCK

Network: SUA **Branch:** TW D (TAXIWAY D) **Section:** 411 **Surface:** AAC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 165.00 Ft **Width:** 21.00 Ft **True Area:** 3,465.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	OL-AC	Overlay-AC	$0	0.00	True	
01/01/1992	IMPORTED	OVERLAY			True	1992 TAPERED AC OVERLAY
01/01/1942	IMPORTED	BUILT		1.50	True	1942 1.5" AC ON 9" LIMEROCK

Work History Report

Pavement Database:FDOT

Network: SUA **Branch:** TW D (TAXIWAY D) **Section:** 412 **Surface:** AC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 77.00 Ft **Width:** 164.00 Ft **True Area:** 12,936.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	OL-AC	Overlay-AC	$0	0.00	True	
12/25/1999	INITIAL	Initial Construction	$0	0.00	True	

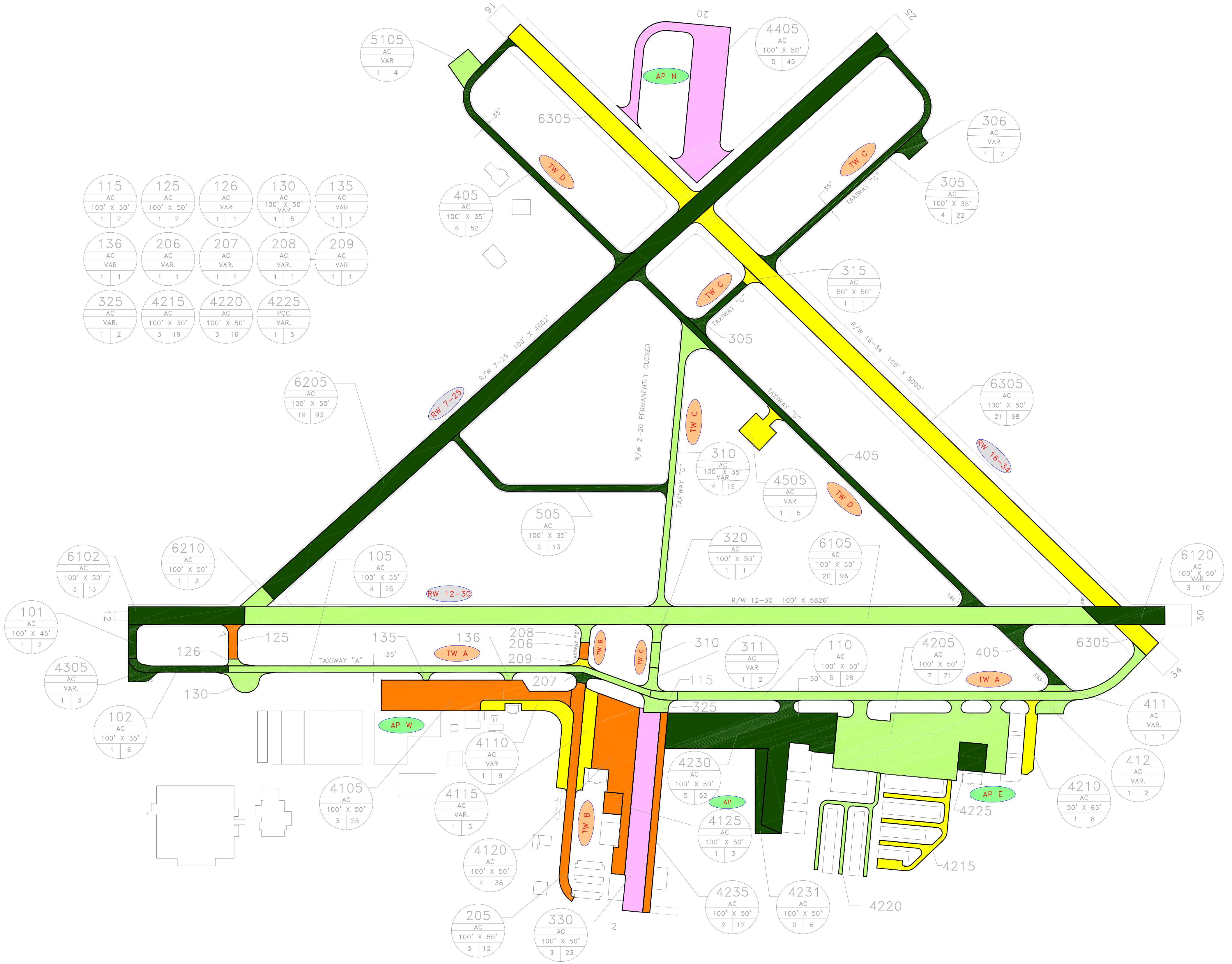
Summary:

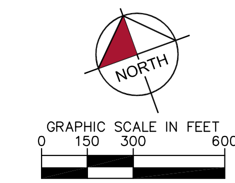
Work Description	Section Count	Area Total (SqFt)	Thickness Avg (in)	Thickness STD (in)
BUILT	19	2,371,740.00	1.79	.24
Initial Construction	30	1,864,748.00	.00	.00
New Construction - Initial	1	5,118.00	.00	
OVERLAY	15	2,693,415.00	1.97	.87
Overlay-AC	34	2,231,382.00	.00	.00
REPAIR	1	500,000.00		

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
	PCI 86-100 GOOD
	PCI 71-85 SATISFACTORY
	PCI 56-70 FAIR
	PCI 41-55 POOR
	PCI 26-40 VERY POOR
	PCI 11-25 SERIOUS
	PCI 0-10 FAILED

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

NUMBER	DATE	REVISIONS

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

2011 CONDITION MAP

WITHAM FIELD
MARTIN COUNTY, FLORIDA

FLORIDA DEPARTMENT OF TRANSPORTATION - AVIATION OFFICE

IDENTIFIER: SUA

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
East Apron	AP E	APRON	4205	363,400	P	AC	7	71	79	Satisfactory
East Apron	AP E	APRON	4210	24,000	P	AC	1	8	69	Fair
East Apron	AP E	APRON	4215	54,000	P	AC	3	19	68	Fair
East Apron	AP E	APRON	4220	48,000	P	AC	3	16	82	Satisfactory
East Apron	AP E	APRON	4225	25,600	P	PCC	1	5	100	Good
East Apron	AP E	APRON	4230	250,580	P	AC	5	52	90	Good
East Apron	AP E	APRON	4231	27,610	P	AC	0	5	100	Good
East Apron	AP E	APRON	4235	45,219	P	AC	2	12	43	Poor
Helicopter Pad	AP H	APRON	4505	27,291	P	AC	1	5	65	Fair
North Apron	AP N	APRON	4405	214,846	P	AC	5	45	27	Very Poor
Run-Up Apron at RW 12	AP RU	APRON	4305	9,200	P	AC	1	3	96	Good
Run-Up Apron at Taxiway D	AP TW D RU	APRON	5105	20,055	P	AC	1	4	78	Satisfactory
West Apron	AP W	APRON	4105	141,337	P	AC	3	25	51	Poor
West Apron	AP W	APRON	4110	60,800	P	PCC	1	9	63	Fair
West Apron	AP W	APRON	4115	26,000	P	AC	1	5	65	Fair
West Apron	AP W	APRON	4120	142,800	P	AC	4	38	52	Poor
West Apron	AP W	APRON	4125	12,419	P	PCC	1	3	47	Poor
Runway 12-30	RW 12-30	RUNWAY	6102	70,000	P	AC	3	13	88	Good
Runway 12-30	RW 12-30	RUNWAY	6105	486,600	P	APC	20	96	82	Satisfactory
Runway 12-30	RW 12-30	RUNWAY	6120	28,600	P	APC	3	10	89	Good
Runway 16-34	RW 16-34	RUNWAY	6305	500,000	S	AAC	21	98	65	Fair
Runway 7-25	RW 7-25	RUNWAY	6205	475,000	S	AAC	19	93	90	Good
Runway 7-25	RW 7-25	RUNWAY	6210	8,000	S	AAC	1	3	84	Satisfactory

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 Alpha	TW A	TAXIWAY	101	9,162	T	AC	1	2	92	Good
Taxiway Alpha	TW A	TAXIWAY	102	23,100	P	AC	1	6	88	Good
Taxiway Alpha	TW A	TAXIWAY	105	75,900	P	AC	4	25	84	Satisfactory
Taxiway Alpha	TW A	TAXIWAY	110	137,000	P	AAC	5	28	79	Satisfactory
Taxiway Alpha	TW A	TAXIWAY	115	9,000	P	AAC	1	2	73	Satisfactory
Taxiway Alpha	TW A	TAXIWAY	125	12,000	P	AC	1	2	42	Poor
Taxiway Alpha	TW A	TAXIWAY	126	3,176	P	AC	1	1	71	Satisfactory
Taxiway Alpha	TW A	TAXIWAY	130	20,000	P	AC	1	5	80	Satisfactory
Taxiway Alpha	TW A	TAXIWAY	135	2,422	P	AC	1	1	84	Satisfactory
Taxiway Alpha	TW A	TAXIWAY	136	2,872	P	AC	1	1	74	Satisfactory
Taxiway Bravo	TW B	TAXIWAY	205	60,000	P	AC	3	12	45	Poor
Taxiway Bravo	TW B	TAXIWAY	206	9,100	P	AC	1	1	46	Poor
Taxiway Bravo	TW B	TAXIWAY	207	8,800	P	AC	1	1	88	Good
Taxiway Bravo	TW B	TAXIWAY	208	9,525	P	AC	1	1	78	Satisfactory
Taxiway Bravo	TW B	TAXIWAY	209	3,654	P	AC	1	1	66	Fair
Taxiway Charlie	TW C	TAXIWAY	305	108,750	P	AC	4	22	92	Good
Taxiway Charlie	TW C	TAXIWAY	306	13,326	P	AC	1	2	86	Good
Taxiway Charlie	TW C	TAXIWAY	310	95,000	P	AC	4	19	73	Satisfactory
Taxiway Charlie	TW C	TAXIWAY	311	7,977	P	AC	1	2	85	Satisfactory
Taxiway Charlie	TW C	TAXIWAY	315	3,500	P	AAC	1	1	69	Fair
Taxiway Charlie	TW C	TAXIWAY	320	5,600	P	AC	1	1	83	Satisfactory
Taxiway Charlie	TW C	TAXIWAY	325	8,250	P	AC	1	2	72	Satisfactory
Taxiway Charlie	TW C	TAXIWAY	330	134,134	P	AC	3	23	31	Very Poor

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 1	TW C1	TAXIWAY	505	47,529	P	AC	2	13	87	Good
Taxiway Delta	TW D	TAXIWAY	405	257,500	P	AC	6	52	92	Good
Taxiway Delta	TW D	TAXIWAY	411	3,465	P	AAC	1	1	83	Satisfactory
Taxiway Delta	TW D	TAXIWAY	412	12,936	P	AC	1	2	85	Satisfactory

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

Date: 1 /4/2012

Branch Condition Report

Pavement Database: FDOT NetworkID: SUA

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 E (EAST APRON)	7	6,814.00	122.86	810,799.00	APRON	75.86	16.98	80.20
AP H (HELICOPTER PAD)	1	219.00	160.00	27,291.00	APRON	65.00	0.00	65.00
AP N (NORTH APRON)	1	850.00	200.00	214,846.00	APRON	27.00	0.00	27.00
AP RU (RUN-UP APRON AT RW 12)	1	130.00	60.00	9,200.00	APRON	96.00	0.00	96.00
AP TW D RU (RUN-UP APRON AT TAXIWAY D)	1	129.00	152.00	20,055.00	APRON	78.00	0.00	78.00
AP W (WEST APRON)	5	3,340.00	134.60	502,419.00	APRON	55.60	7.09	53.36
RW 12-30 (RUNWAY 12-30)	3	5,852.00	100.00	585,200.00	RUNWAY	86.33	3.09	83.06
RW 16-34 (RUNWAY 16-34)	1	5,000.00	100.00	500,000.00	RUNWAY	65.00	0.00	65.00
RW 7-25 (RUNWAY 7-25)	2	4,830.00	100.00	483,000.00	RUNWAY	87.00	3.00	89.90
TW A (TAXIWAY A)	11	7,071.00	52.27	299,750.00	TAXIWAY	78.82	14.26	80.03
TW B (TAXIWAY B)	5	1,669.00	56.80	91,079.00	TAXIWAY	64.60	17.08	53.55
TW C (TAXIWAY C)	8	5,677.00	72.87	376,537.00	TAXIWAY	73.88	17.85	64.33
TW C1 (TAXIWAY C1)	1	1,319.00	35.00	47,529.00	TAXIWAY	87.00	0.00	87.00
TW D (TAXIWAY D)	3	5,392.00	78.33	273,901.00	TAXIWAY	86.67	3.86	91.56

Use Category	Number of Sections	Total Area (SqFt)	Arithmetic Average PCI	Average PCI STD.	Weighted Average PCI
APRON	16	1,584,610.00	67.19	19.42	64.28
RUNWAY	6	1,568,200.00	83.00	8.52	79.41
TAXIWAY	28	1,088,796.00	76.00	16.39	75.59
All	50	4,241,606.00	74.02	17.51	72.78

STD = Standard Deviation

Date: 1 /4/2012

Section Condition Report

Pavement Database: FDOT NetworkID: SUA

Branch ID	Section ID	Last Const. Date	Surface	Use	Rank	Lanes	True Area (SqFt)	Last Inspection Date	Age At Inspection	PCI
AP E (EAST APRON)	4205	12/25/1999	AC	APRON	P	0	363,400.00	12/08/2011	12	79.00
AP E (EAST APRON)	4210	12/25/1999	AC	APRON	P	0	24,000.00	12/08/2011	12	69.00
AP E (EAST APRON)	4215	12/25/1999	AC	APRON	P	0	54,000.00	12/08/2011	12	68.00
AP E (EAST APRON)	4220	12/25/1999	AC	APRON	P	0	48,000.00	12/08/2011	12	82.00
AP E (EAST APRON)	4225	12/25/1999	PCC	APRON	P	0	25,600.00	12/08/2011	12	100.00
AP E (EAST APRON)	4230	01/01/2000	AC	APRON	P	0	250,580.00	12/08/2011	11	90.00
AP E (EAST APRON)	4235	12/25/1999	AC	APRON	P	0	45,219.00	12/08/2011	12	43.00
AP H (HELICOPTER PAD)	4505	01/01/2010	AC	APRON	P	0	27,291.00	12/08/2011	1	65.00
AP N (NORTH APRON)	4405	01/01/2010	AC	APRON	P	0	214,846.00	12/08/2011	1	27.00
AP RU (RUN-UP APRON AT RW 12)	4305	01/01/2008	AC	APRON	P	0	9,200.00	12/08/2011	3	96.00
AP TW D RU (RUN-UP APRON AT TAXIWAY D)	5105	01/01/2010	AC	APRON	P	0	20,055.00	12/08/2011	1	78.00
AP W (WEST APRON)	4105	12/25/1999	AC	APRON	P	0	260,400.00	12/08/2011	12	51.00
AP W (WEST APRON)	4110	12/25/1999	AC	APRON	P	0	60,800.00	12/08/2011	12	63.00
AP W (WEST APRON)	4115	12/25/1999	AC	APRON	P	0	26,000.00	12/08/2011	12	65.00
AP W (WEST APRON)	4120	12/25/1999	AC	APRON	P	0	142,800.00	12/08/2011	12	52.00
AP W (WEST APRON)	4125	01/01/2006	PCC	APRON	P	0	12,419.00	12/08/2011	5	47.00
RW 12-30 (RUNWAY 12-30)	6102	01/01/2011	AC	RUNWAY	P	0	70,000.00	12/08/2011	0	88.00
RW 12-30 (RUNWAY 12-30)	6105	01/01/2011	APC	RUNWAY	P	0	486,600.00	12/08/2011	0	82.00
RW 12-30 (RUNWAY 12-30)	6120	01/01/2011	APC	RUNWAY	P	0	28,600.00	12/08/2011	0	89.00
RW 16-34 (RUNWAY 16-34)	6305	01/01/1985	AAC	RUNWAY	S	0	500,000.00	12/08/2011	26	65.00
RW 7-25 (RUNWAY 7-25)	6205	01/01/2010	AAC	RUNWAY	S	0	475,000.00	12/08/2011	1	90.00
RW 7-25 (RUNWAY 7-25)	6210	01/01/2010	AAC	RUNWAY	S	0	8,000.00	12/08/2011	1	84.00
TW A (TAXIWAY A)	101	01/01/2010	AC	TAXIWAY	T	0	9,162.00	12/08/2011	1	92.00
TW A (TAXIWAY A)	102	01/01/2008	AC	TAXIWAY	P	0	23,100.00	12/08/2011	3	88.00
TW A (TAXIWAY A)	105	01/01/2008	AC	TAXIWAY	P	0	75,900.00	12/08/2011	3	84.00
TW A (TAXIWAY A)	110	01/01/2008	AAC	TAXIWAY	P	0	137,000.00	12/08/2011	3	79.00

Section Condition Report

Pavement Database: FDOT NetworkID: SUA

Branch ID	Section ID	Last Const. Date	Surface	Use	Rank	Lanes	True Area (SqFt)	Last Inspection Date	Age At Inspection	PCI
TW A (TAXIWAY A)	115	01/01/2008	AAC	TAXIWAY	P	0	9,000.00	12/08/2011	3	73.00
TW A (TAXIWAY A)	125	01/01/2010	AC	TAXIWAY	P	0	12,000.00	12/08/2011	1	42.00
TW A (TAXIWAY A)	126	01/01/2008	AC	TAXIWAY	P	0	3,176.00	12/08/2011	3	71.00
TW A (TAXIWAY A)	130	01/01/2010	AC	TAXIWAY	P	0	20,000.00	12/08/2011	1	80.00
TW A (TAXIWAY A)	131	01/01/2010	APC	TAXIWAY	P	0	5,118.00	01/01/2010	0	100.00
TW A (TAXIWAY A)	135	01/01/2008	AC	TAXIWAY	P	0	2,422.00	12/08/2011	3	84.00
TW A (TAXIWAY A)	136	01/01/2008	AC	TAXIWAY	P	0	2,872.00	12/08/2011	3	74.00
TW B (TAXIWAY B)	205	01/01/1942	AC	TAXIWAY	P	0	60,000.00	12/08/2011	69	45.00
TW B (TAXIWAY B)	206	01/01/2010	AC	TAXIWAY	P	0	9,100.00	12/08/2011	1	46.00
TW B (TAXIWAY B)	207	01/01/2008	AC	TAXIWAY	P	0	8,800.00	12/08/2011	3	88.00
TW B (TAXIWAY B)	208	01/01/2010	AC	TAXIWAY	P	0	9,525.00	12/08/2011	1	78.00
TW B (TAXIWAY B)	209	01/01/2008	AC	TAXIWAY	P	0	3,654.00	12/08/2011	3	66.00
TW C (TAXIWAY C)	305	01/01/2010	AC	TAXIWAY	P	0	108,750.00	12/08/2011	1	92.00
TW C (TAXIWAY C)	306	01/01/2010	AC	TAXIWAY	P	0	13,326.00	12/08/2011	1	86.00
TW C (TAXIWAY C)	310	01/01/2010	AC	TAXIWAY	P	0	95,000.00	12/08/2011	1	73.00
TW C (TAXIWAY C)	311	01/01/2008	AC	TAXIWAY	P	0	7,977.00	12/08/2011	3	85.00
TW C (TAXIWAY C)	315	01/01/2010	AAC	TAXIWAY	P	0	3,500.00	12/08/2011	1	69.00
TW C (TAXIWAY C)	320	01/01/2010	AC	TAXIWAY	P	0	5,600.00	12/08/2011	1	83.00
TW C (TAXIWAY C)	325	01/01/2008	AC	TAXIWAY	P	0	8,250.00	12/08/2011	3	72.00
TW C (TAXIWAY C)	330	12/25/1999	AC	TAXIWAY	P	0	134,134.00	12/08/2011	12	31.00
TW C1 (TAXIWAY C1)	505	01/01/2010	AC	TAXIWAY	P	0	47,529.00	12/08/2011	1	87.00
TW D (TAXIWAY D)	405	01/01/2010	AC	TAXIWAY	P	0	257,500.00	12/08/2011	1	92.00
TW D (TAXIWAY D)	411	01/01/2010	AAC	TAXIWAY	P	0	3,465.00	12/08/2011	1	83.00
TW D (TAXIWAY D)	412	01/01/2010	AC	TAXIWAY	P	0	12,936.00	12/08/2011	1	85.00

Pavement Database: FDOT

Age Category	Average Age At Inspection	Total Area (SqFt)	Number of Sections	Arithmetic Average PCI	PCI Standard Deviation	Weighted Average PCI
0-02	0.83	1,942,903.00	23	77.87	17.36	79.16
03-05	3.15	303,770.00	13	77.46	12.00	79.94
11-15	11.92	1,434,933.00	12	66.08	19.05	66.49
26-30	26.00	500,000.00	1	65.00	0.00	65.00
over 40	69.00	60,000.00	1	45.00	0.00	45.00
All	5.96	4,241,606.00	50	74.02	17.51	72.78

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									
				2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
East Apron	AP E	4205	79	79	77	76	75	73	72	70	69	67	66
East Apron	AP E	4210	69	69	67	66	65	63	62	60	59	57	56
East Apron	AP E	4215	68	68	66	65	64	62	61	59	58	56	55
East Apron	AP E	4220	82	82	80	79	78	76	75	73	72	70	69
East Apron	AP E	4225	100	100	97	95	92	90	87	84	82	79	77
East Apron	AP E	4230	90	90	88	87	86	84	83	81	80	78	77
East Apron	AP E	4231	100	99	98	96	95	93	92	91	89	88	86
East Apron	AP E	4235	43	43	41	40	39	37	36	34	33	31	30
Helicopter Pad	AP H	4505	65	65	63	62	61	59	58	56	55	53	52
North Apron	AP N	4405	27	27	25	24	23	21	20	18	17	15	14
Run-Up Apron at RW 12	AP RU	4305	96	96	94	93	92	90	89	87	86	84	83
Run-Up Apron at Taxiway D	AP TW D RU	5105	78	78	76	75	74	72	71	69	68	66	65
West Apron	AP W	4105	51	51	49	48	47	45	44	42	41	39	38
West Apron	AP W	4110	63	63	61	60	59	57	56	54	53	51	50
West Apron	AP W	4115	65	65	63	62	61	59	58	56	55	53	52
West Apron	AP W	4120	52	52	50	49	48	46	45	43	42	40	39
West Apron	AP W	4125	47	47	44	42	39	37	34	31	29	26	24
Runway 12-30	RW 12-30	6102	88	88	86	85	84	82	81	79	78	76	75
Runway 12-30	RW 12-30	6105	82	82	80	78	76	74	72	70	68	66	64
Runway 12-30	RW 12-30	6120	89	89	87	85	83	81	79	77	75	73	71
Runway 16-34	RW 16-34	6305	65	65	63	61	59	57	55	53	51	49	47
Runway 7-25	RW 7-25	6205	90	90	88	86	84	82	80	78	76	74	72
Runway 7-25	RW 7-25	6210	84	84	82	80	78	76	74	72	70	68	66
Taxiway Alpha	TW A	101	92	92	90	88	87	85	83	82	80	78	76

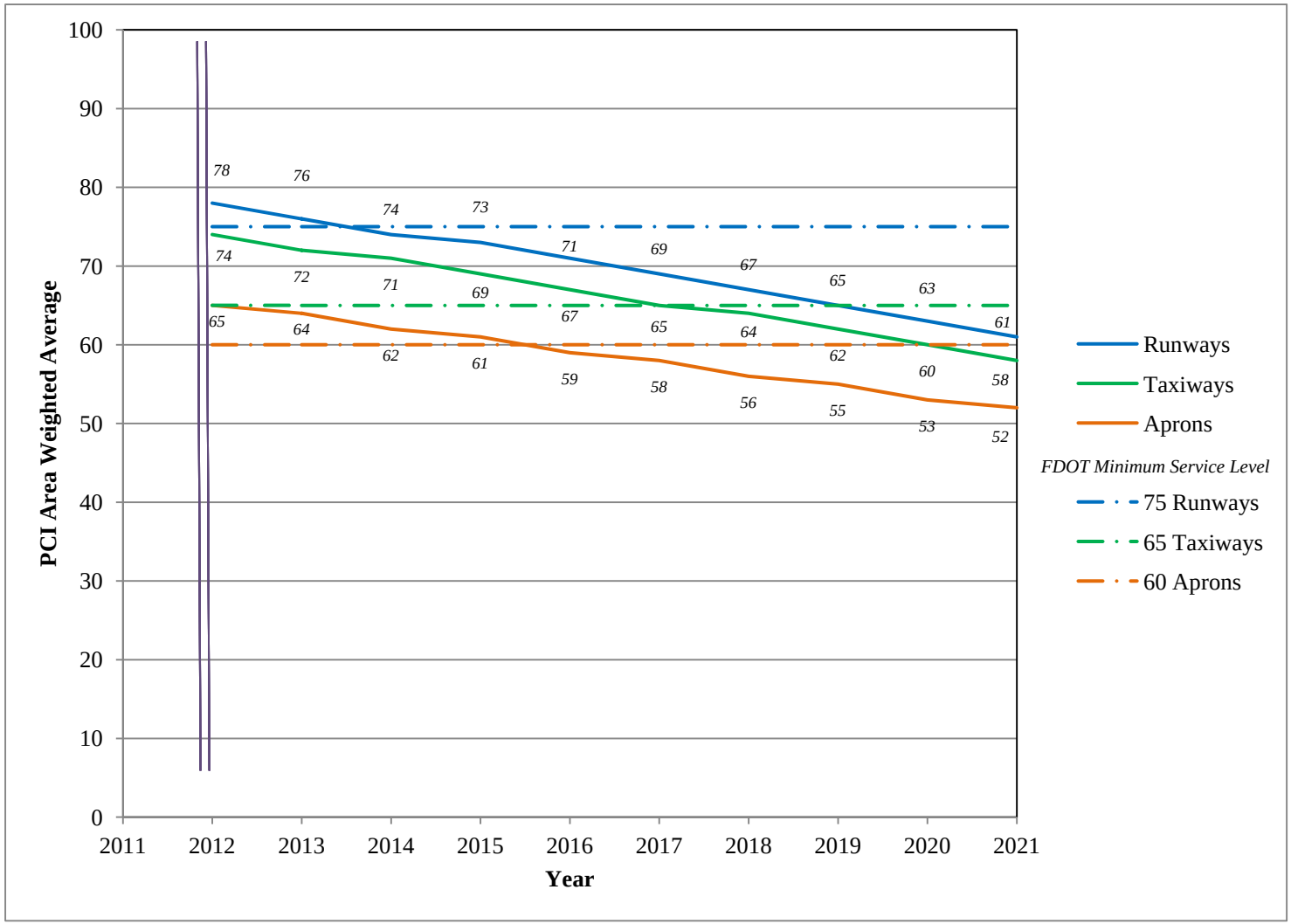
Table D-1: Pavement Condition Prediction (Continued)

Branch Name	Branch ID	Section ID	Current PCI	PCI Forecast									
				2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Taxiway Alpha	TW A	102	88	88	86	84	83	81	79	78	76	74	72
Taxiway Alpha	TW A	105	84	84	82	80	79	77	75	74	72	70	68
Taxiway Alpha	TW A	110	79	79	77	75	74	72	70	68	67	65	63
Taxiway Alpha	TW A	115	73	73	71	69	68	66	64	62	61	59	57
Taxiway Alpha	TW A	125	42	42	40	38	37	35	33	32	30	28	26
Taxiway Alpha	TW A	126	71	71	69	67	66	64	62	61	59	57	55
Taxiway Alpha	TW A	130	80	80	78	76	75	73	71	70	68	66	64
Taxiway Alpha	TW A	135	84	84	82	80	79	77	75	74	72	70	68
Taxiway Alpha	TW A	136	74	74	72	70	69	67	65	64	62	60	58
Taxiway Bravo	TW B	205	45	45	43	41	40	38	36	35	33	31	29
Taxiway Bravo	TW B	206	46	46	44	42	41	39	37	36	34	32	30
Taxiway Bravo	TW B	207	88	88	86	84	83	81	79	78	76	74	72
Taxiway Bravo	TW B	208	78	78	76	74	73	71	69	68	66	64	62
Taxiway Bravo	TW B	209	66	66	64	62	61	59	57	56	54	52	50
Taxiway Charlie	TW C	305	92	92	90	88	87	85	83	82	80	78	76
Taxiway Charlie	TW C	306	86	86	84	82	81	79	77	76	74	72	70
Taxiway Charlie	TW C	310	73	73	71	69	68	66	64	63	61	59	57
Taxiway Charlie	TW C	311	85	85	83	81	80	78	76	75	73	71	69
Taxiway Charlie	TW C	315	69	69	67	65	64	62	60	58	57	55	53
Taxiway Charlie	TW C	320	83	83	81	79	78	76	74	73	71	69	67
Taxiway Charlie	TW C	325	72	72	70	68	67	65	63	62	60	58	56
Taxiway Charlie	TW C	330	31	31	29	27	26	24	22	21	19	17	15
Taxiway Charlie 1	TW C1	505	87	87	85	83	82	80	78	77	75	73	71
Taxiway Delta	TW D	405	92	92	90	88	87	85	83	82	80	78	76

Table D-1: Pavement Condition Prediction (Continued)

Branch Name	Branch ID	Section ID	Current PCI	PCI Forecast									
				2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Taxiway Delta	TW D	411	83	83	81	79	78	76	74	72	71	69	67
Taxiway Delta	TW D	412	85	85	83	81	80	78	76	75	73	71	69

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
East Apron	AP E	4205	L & T CR	M	Crack Sealing - AC	35.10	Ft	$2.25	$78.87
East Apron	AP E	4205	WEATH/RAVEL	L	Surface Seal - Rejuvenating	69,641.90	SqFt	$0.40	$27,857.00
East Apron	AP E	4205	WEATH/RAVEL	M	Surface Seal - Coat Tar	46.70	SqFt	$0.40	$18.70
East Apron	AP E	4210	WEATH/RAVEL	L	Surface Seal - Rejuvenating	23,778.50	SqFt	$0.40	$9,511.46
East Apron	AP E	4210	WEATH/RAVEL	M	Surface Seal - Coat Tar	221.50	SqFt	$0.40	$88.62
East Apron	AP E	4215	WEATH/RAVEL	L	Surface Seal - Rejuvenating	21,884.20	SqFt	$0.40	$8,753.76
East Apron	AP E	4220	L & T CR	M	Crack Sealing - AC	24.00	Ft	$2.25	$54.00
East Apron	AP E	4220	WEATH/RAVEL	L	Surface Seal - Rejuvenating	16,520.00	SqFt	$0.40	$6,608.06
East Apron	AP E	4230	OIL SPILLAGE	N	Patching - AC Shallow	87.20	SqFt	$2.90	$252.85
Taxiway Alpha	TW A	110	WEATH/RAVEL	L	Surface Seal - Rejuvenating	27,913.30	SqFt	$0.40	$11,165.43
Taxiway Alpha	TW A	110	BLOCK CR	M	Crack Sealing - AC	2,640.40	Ft	$2.25	$5,940.93
Taxiway Alpha	TW A	110	L & T CR	M	Crack Sealing - AC	44.90	Ft	$2.25	$101.07
Taxiway Alpha	TW A	115	WEATH/RAVEL	L	Surface Seal - Rejuvenating	2,342.30	SqFt	$0.40	$936.91
Taxiway Alpha	TW A	115	WEATH/RAVEL	M	Surface Seal - Coat Tar	126.40	SqFt	$0.40	$50.55
Taxiway Alpha	TW A	125	L & T CR	M	Crack Sealing - AC	174.90	Ft	$2.25	$393.43
Taxiway Alpha	TW A	125	L & T CR	H	Crack Sealing - AC	27.40	Ft	$2.25	$61.71
Taxiway Alpha	TW A	125	WEATH/RAVEL	L	Surface Seal - Rejuvenating	12,000.00	SqFt	$0.40	$4,800.04
Taxiway Alpha	TW A	126	WEATH/RAVEL	L	Surface Seal - Rejuvenating	1,312.40	SqFt	$0.40	$524.96
Taxiway Alpha	TW A	130	WEATH/RAVEL	L	Surface Seal - Rejuvenating	4,868.20	SqFt	$0.40	$1,947.28
Taxiway Alpha	TW A	135	WEATH/RAVEL	L	Surface Seal - Rejuvenating	700.00	SqFt	$0.40	$280.00
Taxiway Alpha	TW A	136	WEATH/RAVEL	L	Surface Seal - Rejuvenating	1,600.00	SqFt	$0.40	$640.01
Taxiway Bravo	TW B	205	WEATH/RAVEL	L	Surface Seal - Rejuvenating	57,000.00	SqFt	$0.40	$22,800.19
Taxiway Bravo	TW B	205	L & T CR	M	Crack Sealing - AC	1,436.40	Ft	$2.25	$3,231.82
Taxiway Bravo	TW B	205	BLOCK CR	M	Crack Sealing - AC	554.20	Ft	$2.25	$1,246.91
Taxiway Bravo	TW B	205	WEATH/RAVEL	M	Surface Seal - Coat Tar	3,000.00	SqFt	$0.40	$1,200.01

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 Bravo	TW B	206	L & T CR	M	Crack Sealing - AC	45.50	Ft	$2.25	$102.38
Taxiway Bravo	TW B	206	WEATH/RAVEL	L	Surface Seal - Rejuvenating	2,730.00	SqFt	$0.40	$1,092.01
Taxiway Bravo	TW B	206	WEATH/RAVEL	M	Surface Seal - Coat Tar	2,002.00	SqFt	$0.40	$800.81
Taxiway Bravo	TW B	206	BLOCK CR	M	Crack Sealing - AC	216.30	Ft	$2.25	$486.78
Taxiway Bravo	TW B	207	WEATH/RAVEL	L	Surface Seal - Rejuvenating	440.00	SqFt	$0.40	$176.00
Taxiway Bravo	TW B	208	WEATH/RAVEL	L	Surface Seal - Rejuvenating	1,465.40	SqFt	$0.40	$586.16
Taxiway Bravo	TW B	208	L & T CR	M	Crack Sealing - AC	27.50	Ft	$2.25	$61.82
Taxiway Bravo	TW B	209	WEATH/RAVEL	L	Surface Seal - Rejuvenating	1,550.00	SqFt	$0.40	$620.01
Taxiway Bravo	TW B	209	L & T CR	M	Crack Sealing - AC	18.00	Ft	$2.25	$40.50
Taxiway Charlie	TW C	305	WEATH/RAVEL	L	Surface Seal - Rejuvenating	3,262.50	SqFt	$0.40	$1,305.01
Taxiway Charlie	TW C	306	WEATH/RAVEL	L	Surface Seal - Rejuvenating	973.50	SqFt	$0.40	$389.40
Taxiway Charlie	TW C	310	L & T CR	H	Crack Sealing - AC	38.90	Ft	$2.25	$87.54
Taxiway Charlie	TW C	310	WEATH/RAVEL	M	Surface Seal - Coat Tar	23,344.70	SqFt	$0.40	$9,337.96
Taxiway Charlie	TW C	310	WEATH/RAVEL	L	Surface Seal - Rejuvenating	3,825.90	SqFt	$0.40	$1,530.39
Taxiway Charlie	TW C	310	PATCHING	M	Patching - AC Deep	10.70	SqFt	$4.90	$52.65
Taxiway Charlie	TW C	310	BLOCK CR	M	Crack Sealing - AC	988.30	Ft	$2.25	$2,223.59
Taxiway Charlie	TW C	310	L & T CR	M	Crack Sealing - AC	363.10	Ft	$2.25	$817.07
Taxiway Charlie	TW C	311	WEATH/RAVEL	L	Surface Seal - Rejuvenating	812.20	SqFt	$0.40	$324.88
Taxiway Charlie	TW C	315	WEATH/RAVEL	L	Surface Seal - Rejuvenating	3,500.00	SqFt	$0.40	$1,400.01
Taxiway Charlie	TW C	320	WEATH/RAVEL	L	Surface Seal - Rejuvenating	344.60	SqFt	$0.40	$137.85
Taxiway Charlie	TW C	325	WEATH/RAVEL	L	Surface Seal - Rejuvenating	3,633.50	SqFt	$0.40	$1,453.43
Taxiway Charlie	TW C	330	WEATH/RAVEL	L	Surface Seal - Rejuvenating	29,956.60	SqFt	$0.40	$11,982.74
Taxiway Charlie	TW C	330	WEATH/RAVEL	M	Surface Seal - Coat Tar	104,177.40	SqFt	$0.40	$41,671.31
Taxiway Charlie	TW C	330	L & T CR	M	Crack Sealing - AC	223.60	Ft	$2.25	$503.00
Taxiway Charlie	TW C	330	DEPRESSION	M	Patching - AC Deep	87.10	SqFt	$4.90	$426.96

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 Charlie	TW C	330	BLOCK CR	M	Crack Sealing - AC	1,907.90	Ft	$2.25	$4,292.83
East Apron	AP E	4230	WEATH/RAVEL	L	Surface Seal - Rejuvenating	23,223.40	SqFt	$0.40	$9,289.44
East Apron	AP E	4230	WEATH/RAVEL	M	Surface Seal - Coat Tar	205.80	SqFt	$0.40	$82.33
East Apron	AP E	4235	L & T CR	M	Crack Sealing - AC	226.10	Ft	$2.25	$508.71
East Apron	AP E	4235	WEATH/RAVEL	M	Surface Seal - Coat Tar	10,852.60	SqFt	$0.40	$4,341.06
East Apron	AP E	4235	L & T CR	H	Crack Sealing - AC	180.90	Ft	$2.25	$406.97
East Apron	AP E	4235	BLOCK CR	M	Crack Sealing - AC	1,240.40	Ft	$2.25	$2,791.01
East Apron	AP E	4235	WEATH/RAVEL	L	Surface Seal - Rejuvenating	34,366.40	SqFt	$0.40	$13,746.69
Helicopter Pad	AP H	4505	WEATH/RAVEL	L	Surface Seal - Rejuvenating	27,291.00	SqFt	$0.40	$10,916.49
North Apron	AP N	4405	WEATH/RAVEL	H	Microsurfacing - AC	8,817.30	SqFt	$0.65	$5,731.20
North Apron	AP N	4405	WEATH/RAVEL	L	Surface Seal - Rejuvenating	101,183.90	SqFt	$0.40	$40,473.89
North Apron	AP N	4405	L & T CR	M	Crack Sealing - AC	1,289.10	Ft	$2.25	$2,900.43
North Apron	AP N	4405	BLOCK CR	M	Crack Sealing - AC	21,479.10	Ft	$2.25	$48,328.04
North Apron	AP N	4405	WEATH/RAVEL	M	Surface Seal - Coat Tar	104,844.80	SqFt	$0.40	$41,938.29
Run-Up Apron at RW 12	AP RU	4305	WEATH/RAVEL	L	Surface Seal - Rejuvenating	184.00	SqFt	$0.40	$73.60
Run-Up Apron at Taxiway D	AP TW D RU	5105	WEATH/RAVEL	L	Surface Seal - Rejuvenating	2,506.90	SqFt	$0.40	$1,002.76
West Apron	AP W	4105	JOINT SPALL	M	Patching - PCC Partial Depth	0.00	SqFt	$19.06	$0.00
West Apron	AP W	4105	CORNER SPALL	M	Patching - PCC Partial Depth	0.00	SqFt	$19.06	$0.00
West Apron	AP W	4105	CORNER SPALL	H	Patching - PCC Partial Depth	0.00	SqFt	$19.06	$0.00
West Apron	AP W	4105	LINEAR CR	M	Crack Sealing - PCC	0.00	Ft	$4.24	$0.00
West Apron	AP W	4105	WEATH/RAVEL	M	Surface Seal - Coat Tar	25,955.90	SqFt	$0.40	$10,382.44
West Apron	AP W	4105	WEATH/RAVEL	L	Surface Seal - Rejuvenating	205,175.00	SqFt	$0.40	$82,070.70
West Apron	AP W	4110	SHAT. SLAB	M	Slab Replacement - PCC	0.00	SqFt	$39.11	$0.00

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
West Apron	AP W	4110	SHAT. SLAB	H	Slab Replacement - PCC	0.00	SqFt	$39.11	$0.00
West Apron	AP W	4110	FAULTING	M	Grinding (Localized)	0.00	Ft	$22.51	$0.00
West Apron	AP W	4110	LINEAR CR	M	Crack Sealing - PCC	0.00	Ft	$4.24	$0.00
West Apron	AP W	4110	LINEAR CR	H	Crack Sealing - PCC	0.00	Ft	$4.24	$0.00
West Apron	AP W	4115	WEATH/RAVEL	L	Surface Seal - Rejuvenating	23,920.00	SqFt	$0.40	$9,568.08
West Apron	AP W	4115	WEATH/RAVEL	M	Surface Seal - Coat Tar	2,080.00	SqFt	$0.40	$832.01
West Apron	AP W	4120	L & T CR	M	Crack Sealing - AC	1,634.30	Ft	$2.25	$3,677.26
West Apron	AP W	4120	WEATH/RAVEL	L	Surface Seal - Rejuvenating	125,590.50	SqFt	$0.40	$50,236.60
West Apron	AP W	4120	WEATH/RAVEL	M	Surface Seal - Coat Tar	16,997.10	SqFt	$0.40	$6,798.89
West Apron	AP W	4120	WEATH/RAVEL	H	Microsurfacing - AC	171.60	SqFt	$0.65	$111.54
West Apron	AP W	4120	DEPRESSION	M	Patching - AC Deep	218.90	SqFt	$4.90	$1,072.55
West Apron	AP W	4120	DEPRESSION	H	Patching - AC Deep	636.80	SqFt	$4.90	$3,120.34
West Apron	AP W	4125	LINEAR CR	M	Crack Sealing - PCC	37.50	Ft	$4.24	$159.00
Runway 12-30	RW 12-30	6102	WEATH/RAVEL	L	Surface Seal - Rejuvenating	2,403.30	SqFt	$0.40	$961.34
Runway 12-30	RW 12-30	6105	L & T CR	M	Crack Sealing - AC	160.60	Ft	$2.25	$361.30
Runway 12-30	RW 12-30	6105	WEATH/RAVEL	M	Surface Seal - Coat Tar	583.90	SqFt	$0.40	$233.57
Runway 12-30	RW 12-30	6105	WEATH/RAVEL	L	Surface Seal - Rejuvenating	75,933.90	SqFt	$0.40	$30,373.82
Runway 12-30	RW 12-30	6120	WEATH/RAVEL	L	Surface Seal - Rejuvenating	1,955.70	SqFt	$0.40	$782.30
Runway 16-34	RW 16-34	6305	L & T CR	M	Crack Sealing - AC	312.80	Ft	$2.25	$703.80
Runway 16-34	RW 16-34	6305	WEATH/RAVEL	M	Surface Seal - Coat Tar	11,106.80	SqFt	$0.40	$4,442.77
Runway 16-34	RW 16-34	6305	WEATH/RAVEL	L	Surface Seal - Rejuvenating	461,126.10	SqFt	$0.40	$184,451.97
Runway 7-25	RW 7-25	6205	WEATH/RAVEL	L	Surface Seal - Rejuvenating	13,721.10	SqFt	$0.40	$5,488.49
Runway 7-25	RW 7-25	6210	WEATH/RAVEL	L	Surface Seal - Rejuvenating	872.70	SqFt	$0.40	$349.09
Taxiway Alpha	TW A	101	WEATH/RAVEL	L	Surface Seal - Rejuvenating	173.10	SqFt	$0.40	$69.22
Taxiway Alpha	TW A	102	WEATH/RAVEL	L	Surface Seal - Rejuvenating	1,980.00	SqFt	$0.40	$792.01

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 Alpha	TW A	105	WEATH/RAVEL	L	Surface Seal - Rejuvenating	5,285.90	SqFt	$0.40	$2,114.37
Taxiway Charlie 1	TW C1	505	WEATH/RAVEL	L	Surface Seal - Rejuvenating	1,867.20	SqFt	$0.40	$746.89
Taxiway Delta	TW D	405	WEATH/RAVEL	L	Surface Seal - Rejuvenating	14,836.90	SqFt	$0.40	$5,934.81
Taxiway Delta	TW D	411	WEATH/RAVEL	L	Surface Seal - Rejuvenating	326.70	SqFt	$0.40	$130.68
Taxiway Delta	TW D	412	WEATH/RAVEL	L	Surface Seal - Rejuvenating	1,155.00	SqFt	$0.40	$462.00
								Total =	**$779,406.41**

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	East Apron	4235	AC	45,219. SqFt	$284,427.53	43	Mill and Overlay	100
2012	North Apron	4405	AC	214,846. SqFt	$2,926,203.47	27	Reconstruction	100
2012	West Apron	4105	AC	141,337. SqFt	$848,446.10	51	Mill and Overlay	100
2012	West Apron	4110	PCC	60,800. SqFt	$158,140.90	63	PCC Restoration	100
2012	West Apron	4120	AC	142,800. SqFt	$816,244.90	52	Mill and Overlay	100
2012	West Apron	4125	PCC	12,419. SqFt	$78,115.52	47	PCC Restoration	100
2012	Taxiway Alpha	125	AC	12,000. SqFt	$75,480.01	42	Mill and Overlay	100
2012	Taxiway Bravo	205	AC	60,000. SqFt	$377,400.03	45	Mill and Overlay	100
2012	Taxiway Bravo	206	AC	9,100. SqFt	$57,239.00	46	Mill and Overlay	100
2012	Taxiway Charlie	330	AC	134,134. SqFt	$1,728,585.36	31	Reconstruction	100
2013	Helicopter Pad	4505	AC	27,291. SqFt	$73,113.45	63	Mill and Overlay	100
2013	West Apron	4115	AC	26,000. SqFt	$69,654.82	63	Mill and Overlay	100
2013	Runway 16-34	6305	AAC	500,000. SqFt	$1,339,515.83	63	Mill and Overlay	100
2013	Taxiway Bravo	209	AC	3,654. SqFt	$8,761.71	64	Mill and Overlay	100
2015	East Apron	4210	AC	24,000. SqFt	$61,052.88	64	Mill and Overlay	100
2015	East Apron	4215	AC	54,000. SqFt	$153,477.97	63	Mill and Overlay	100
2015	Taxiway Charlie	315	AAC	3,500. SqFt	$9,947.65	63	Mill and Overlay	100
2016	Taxiway Alpha	126	AC	3,176. SqFt	$8,321.71	64	Mill and Overlay	100
2017	Taxiway Alpha	115	AAC	9,000. SqFt	$24,289.13	64	Mill and Overlay	100
2017	Taxiway Charlie	310	AC	95,000. SqFt	$256,385.22	64	Mill and Overlay	100
2017	Taxiway Charlie	325	AC	8,250. SqFt	$24,876.01	63	Mill and Overlay	100
2018	Taxiway Alpha	136	AC	2,872. SqFt	$8,919.66	63	Mill and Overlay	100
2020	Taxiway Bravo	208	AC	9,525. SqFt	$28,089.63	64	Mill and Overlay	100

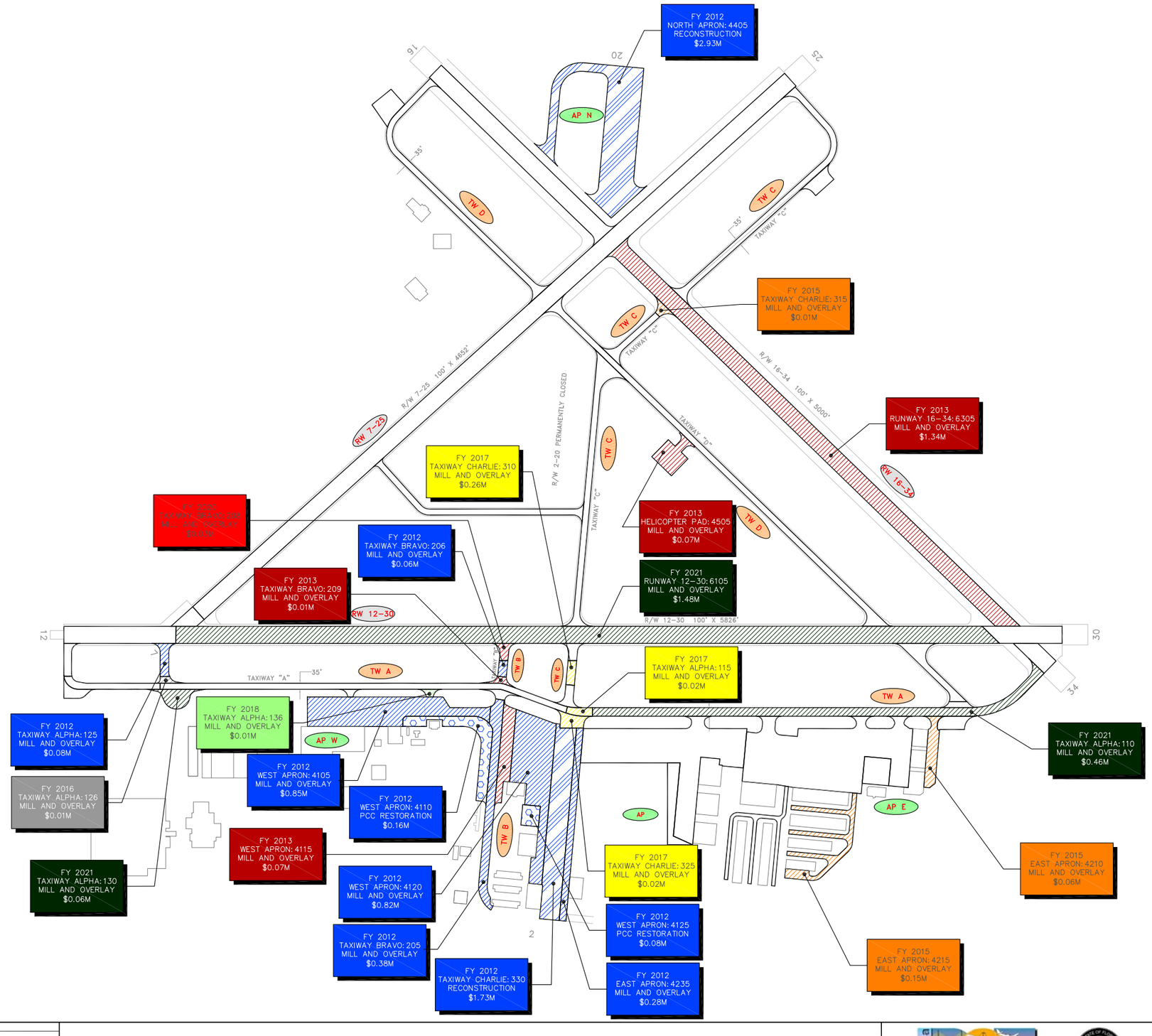
Table F-1: Major M&R Plan by Year under Unlimited Funding Scenario (Continued)

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
2021	Runway 12-30	6105	APC	486,600. SqFt	$1,478,054.25	64	Mill and Overlay	100
2021	Taxiway Alpha	110	AAC	137,000. SqFt	$464,939.25	63	Mill and Overlay	100
2021	Taxiway Alpha	130	AC	20,000. SqFt	$60,750.28	64	Mill and Overlay	100
				Total	**$11,420,432.27**	**56**		**100**

* Costs are adjusted for inflation.

APPENDIX G

10-YEAR M&R MAP



NORTH

GRAPHIC SCALE IN FEET
0 150 300 600

LEGEND

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

YEAR		ACTIVITY	
	2012		MICROSURFACING
	2013		MILL AND OVERLAY
	2014		RECONSTRUCTION
	2015		CONCRETE PAVEMENT RESTORATION
	2016		
	2017		
	2018		
	2019		
	2020		
	2021		

"PLAN YEAR"
"BRANCH": "SECTION"
"M AND R ACTIVITY"
"EST. COST"

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

PLOTTED: February 23, 2012 – 12:05 PM, BY: Burton, George

NUMBER	DATE	REVISIONS

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

P:\Com_Share\FDOT Aviation 2010-2017\2010-2011-Phase II\CAD\Revised Airports\SUA\EXHIBITS\004-SUA-MAINTENANCE.dwg

10-YEAR M & R MAP
WITHAM FIELD
MARTIN COUNTY, FLORIDA
FLORIDA DEPARTMENT OF TRANSPORTATION - AVIATION OFFICE

IDENTIFIER
SUA
FDOT DISTRICT
4

APPENDIX H

PHOTOGRAPHS

Runway 16-34, Section 6305, Sample Unit 398 − Low severity (48) Longitudinal and Transverse Cracking, Medium severity (52) Weathering and Raveling.

Runway 12-30, Section 6102, Sample Unit 346 – Overview of sample unit

East Apron, Section 4215, Sample Unit 102 − Low severity (48) Longitudinal and Transverse Cracking, low severity (52) Weathering and Raveling, low severity (43) Block Cracking.

North Apron, Section 4405, Sample Unit 312 − High severity (52) Weathering and Raveling, Medium severity (43) Block Cracking.

Taxiway Alpha, Section 136, Sample Unit 100 − Low severity (48) Longitudinal and Transverse Cracking, low severity (52) Weathering and Raveling.

Taxiway Delta, Section 405, Sample Unit 320 – Low severity (50) Patching.

Taxiway Bravo, Section 206, Sample Unit 201 – Medium severity (43) Block Cracking, medium severity (52) Weathering and Raveling.

Taxiway Charlie, Section 330, Sample Unit 907 − Medium severity (45) Depression, Medium severity (52) Weathering and Raveling.

APPENDIX I

PCI RE-INSPECTION REPORT

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: AP E Name: EAST APRON Use: APRON Area: 838,409.00SqFt

Section: 4205 of 8 From: - To: - Last Const.: 12/25/199
Surface: AC Family: FDOT-GA-AP-AC Zone: Category: Rank: P
Area: 363,400.00SqFt Length: 800.00Ft Width: 350.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 71 Surveyed: 7
Conditions: PCI : 79
Inspection Comments:

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

52 WEATH/RAVEL	L	700.00	SqFt	Comments:

Sample Number: 201 Type: R Area: 5,000.00SqFt PCI = 75
Sample Comments:

45 DEPRESSION	L	272.00	SqFt	Comments:
52 WEATH/RAVEL	L	300.00	SqFt	Comments:

Sample Number: 308 Type: R Area: 5,000.00SqFt PCI = 56
Sample Comments:

45 DEPRESSION	L	24.00	SqFt	Comments:
41 ALLIGATOR CR	L	65.00	SqFt	Comments:
48 L & T CR	L	51.00	Ft	Comments:
43 BLOCK CR	L	594.00	SqFt	Comments:
52 WEATH/RAVEL	L	3,000.00	SqFt	Comments:

Sample Number: 403 Type: R Area: 5,000.00SqFt PCI = 87
Sample Comments:

45 DEPRESSION	L	65.00	SqFt	Comments:
52 WEATH/RAVEL	L	280.00	SqFt	Comments:

Sample Number: 600 Type: R Area: 5,000.00SqFt PCI = 96
Sample Comments:

45 DEPRESSION	L	6.00	SqFt	Comments:
48 L & T CR	L	16.00	Ft	Comments:

Sample Number: 609 Type: R Area: 2,500.00SqFt PCI = 78
Sample Comments:

52 WEATH/RAVEL	L	780.00	SqFt	Comments:
48 L & T CR	L	78.00	Ft	Comments:

Sample Number: 706 Type: R Area: 3,600.00SqFt PCI = 73
Sample Comments:

52 WEATH/RAVEL	M	4.00	SqFt	Comments:
52 WEATH/RAVEL	L	900.00	SqFt	Comments:
48 L & T CR	M	3.00	Ft	Comments:
48 L & T CR	L	16.00	Ft	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: AP E Name: EAST APRON Use: APRON Area: 838,409.00SqFt

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Section: 4210 of 8 From: - To: - Last Const.: 12/25/199
Surface: AC Family: FDOT-GA-AP-AC Zone: Category: Rank: P
Area: 24,000.00SqFt Length: 370.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 8 Surveyed: 1
Conditions: PCI : 69
Inspection Comments:

Sample Number: 102 Type: R Area: 3,250.00SqFt PCI = 69
Sample Comments:

52	WEATH/RAVEL	L	3,220.00 SqFt	Comments:
52	WEATH/RAVEL	M	30.00 SqFt	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: AP E Name: EAST APRON Use: APRON Area: 838,409.00SqFt

Section: 4215 of 8 From: - To: - Last Const.: 12/25/199
Surface: AC Family: FDOT-GA-AP-AC Zone: Category: Rank: P
Area: 54,000.00SqFt Length: 1,800.00Ft Width: 30.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 19 Surveyed: 3
Conditions: PCI : 68
Inspection Comments:

Sample Number: 102 Type: R Area: 3,000.00SqFt PCI = 70
Sample Comments:

43 BLOCK CR	L	510.00 SqFt	Comments:
52 WEATH/RAVEL	L	400.00 SqFt	Comments:
48 L & T CR	L	38.00 Ft	Comments:

Sample Number: 205 Type: R Area: 4,000.00SqFt PCI = 74
Sample Comments:

52 WEATH/RAVEL	L	2,100.00 SqFt	Comments:
48 L & T CR	L	79.00 Ft	Comments:

Sample Number: 406 Type: R Area: 2,500.00SqFt PCI = 54
Sample Comments:

43 BLOCK CR	L	4,500.00 SqFt	Comments:
52 WEATH/RAVEL	L	1,350.00 SqFt	Comments:
48 L & T CR	L	109.00 Ft	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: AP E Name: EAST APRON Use: APRON Area: 838,409.00SqFt

Section: 4220 of 8 From: - To: - Last Const.: 12/25/199
Surface: AC Family: FDOT-GA-AP-AC Zone: Category: Rank: P
Area: 48,000.00SqFt Length: 1,600.00Ft Width: 30.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 16 Surveyed: 3
Conditions: PCI : 82
Inspection Comments:

Sample Number: 101 Type: R Area: 2,000.00SqFt PCI = 77
Sample Comments:

48 L & T CR	M	3.00 Ft	Comments:
52 WEATH/RAVEL	L	790.00 SqFt	Comments:

Sample Number: 105 Type: R Area: 2,000.00SqFt PCI = 88
Sample Comments:

52 WEATH/RAVEL	L	325.00 SqFt	Comments:

Sample Number: 306 Type: R Area: 2,000.00SqFt PCI = 80
Sample Comments:

52 WEATH/RAVEL	L	950.00 SqFt	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: AP E Name: EAST APRON Use: APRON Area: 838,409.00SqFt

Section: 4230 of 8 From: - To: - Last Const.: 1/1/2000
Surface: AC Family: FDOT-GA-AP-AC Zone: Category: Rank: P
Area: 250,580.00SqFt Length: 955.00Ft Width: 200.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 52 Surveyed: 5
Conditions: PCI : 90
Inspection Comments:

Sample Number: 101 Type: R Area: 5,000.00SqFt PCI = 83
Sample Comments:

52 WEATHERING/RAVELING	M	8.00	SqFt	Comments:
49 OIL SPILLAGE	N	6.00	SqFt	Comments:
52 WEATHERING/RAVELING	L	585.00	SqFt	Comments:

Sample Number: 208 Type: R Area: 5,000.00SqFt PCI = 98
Sample Comments:

52 WEATHERING/RAVELING	L	25.00	SqFt	Comments:

Sample Number: 305 Type: R Area: 5,000.00SqFt PCI = 89
Sample Comments:

50 PATCHING	L	0.25	SqFt	Comments:
52 WEATHERING/RAVELING	L	425.00	SqFt	Comments:

Sample Number: 404 Type: R Area: 5,000.00SqFt PCI = 79
Sample Comments:

52 WEATHERING/RAVELING	L	1,400.00	SqFt	Comments:
52 WEATHERING/RAVELING	M	15.00	SqFt	Comments:

Sample Number: 609 Type: R Area: 8,000.00SqFt PCI = 96
Sample Comments:

52 WEATHERING/RAVELING	L	160.00	SqFt	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: AP E Name: EAST APRON Use: APRON Area: 838,409.00SqFt

Section: 4231 of 8 From: - To: - Last Const.: 7/1/2011
Surface: AC Family: DEFAULT Zone: Category: Rank: P
Area: 27,610.00SqFt Length: 900.00Ft Width: 30.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date Total Samples: 0 Surveyed: 0
Conditions:

Sample Number: Type: Area: 0.00
<NO VALID INSPECTIONS>

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: AP E Name: EAST APRON Use: APRON Area: 838,409.00SqFt

Section: 4235 of 8 From: - To: - Last Const.: 12/25/199
Surface: AC Family: FDOT-GA-AP-AC Zone: Category: Rank: P
Area: 45,219.00SqFt Length: 1,129.00Ft Width: 40.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 12 Surveyed: 2
Conditions: PCI : 43
Inspection Comments:

Sample Number: 54 Type: R Area: 5,000.00SqFt PCI = 27
Sample Comments:

43	BLOCK CRACKING	L	3,100.00 SqFt	Comments:
43	BLOCK CRACKING	M	900.00 SqFt	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	L	109.00 Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	50.00 Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	H	40.00 Ft	Comments:
52	WEATHERING/RAVELING	L	2,600.00 SqFt	Comments:
52	WEATHERING/RAVELING	M	2,400.00 SqFt	Comments:

Sample Number: 59 Type: R Area: 5,000.00SqFt PCI = 59
Sample Comments:

43	BLOCK CRACKING	L	4,600.00 SqFt	Comments:
52	WEATHERING/RAVELING	L	5,000.00 SqFt	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: AP H Name: HELICOPTER PAD Use: APRON Area: 27,291.00SqFt

Section: 4505 of 1 From: - To: - Last Const.: 1/1/2010
Surface: AC Family: FDOT-GA-AP-AC Zone: Category: Rank: P
Area: 27,291.00SqFt Length: 219.00Ft Width: 160.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 5 Surveyed: 1
Conditions: PCI : 65
Inspection Comments:

Sample Number: 102 Type: R Area: 5,200.00SqFt PCI = 65
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	27.00	Ft	Comments:
52	WEATHERING/RAVELING	L	5,200.00	SqFt	Comments:
56	SWELLING	L	80.00	SqFt	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: AP N Name: NORTH APRON Use: APRON Area: 214,846.00SqFt

Section: 4405 of 1 From: - To: - Last Const.: 1/1/2010
Surface: AC Family: FDOT-GA-AP-AC Zone: Category: Rank: P
Area: 214,846.00SqFt Length: 850.00Ft Width: 200.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 45 Surveyed: 5
Conditions: PCI : 27
Inspection Comments:

Sample Number: 103 Type: R Area: 5,000.00SqFt PCI = 16
Sample Comments:

43	BLOCK CRACKING	L	1,250.00 SqFt	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	L	325.00 Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	150.00 Ft	Comments:
52	WEATHERING/RAVELING	M	4,000.00 SqFt	Comments:
52	WEATHERING/RAVELING	H	1,000.00 SqFt	Comments:

Sample Number: 202 Type: R Area: 5,000.00SqFt PCI = 31
Sample Comments:

43	BLOCK CRACKING	L	2,900.00 SqFt	Comments:
43	BLOCK CRACKING	M	2,100.00 SqFt	Comments:
52	WEATHERING/RAVELING	L	2,900.00 SqFt	Comments:
52	WEATHERING/RAVELING	M	2,100.00 SqFt	Comments:

Sample Number: 208 Type: R Area: 5,000.00SqFt PCI = 31
Sample Comments:

43	BLOCK CRACKING	L	2,900.00 SqFt	Comments:
43	BLOCK CRACKING	M	2,100.00 SqFt	Comments:
52	WEATHERING/RAVELING	L	2,900.00 SqFt	Comments:
52	WEATHERING/RAVELING	M	2,100.00 SqFt	Comments:

Sample Number: 305 Type: R Area: 5,000.00SqFt PCI = 28
Sample Comments:

43	BLOCK CRACKING	L	3,000.00 SqFt	Comments:
43	BLOCK CRACKING	M	2,000.00 SqFt	Comments:
52	WEATHERING/RAVELING	L	2,998.00 SqFt	Comments:
52	WEATHERING/RAVELING	M	2,000.00 SqFt	Comments:
52	WEATHERING/RAVELING	H	2.00 SqFt	Comments:

Sample Number: 312 Type: R Area: 5,000.00SqFt PCI = 28
Sample Comments:

43	BLOCK CRACKING	L	3,000.00 SqFt	Comments:
43	BLOCK CRACKING	M	2,000.00 SqFt	Comments:
52	WEATHERING/RAVELING	L	2,976.00 SqFt	Comments:
52	WEATHERING/RAVELING	M	2,000.00 SqFt	Comments:
52	WEATHERING/RAVELING	H	24.00 SqFt	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: AP RU Name: RUN-UP APRON AT RW 12 Use: APRON Area: 9,200.00SqFt

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Section: 4305 of 1 From: - To: - Last Const.: 1/1/2008
Surface: AC Family: FDOT-GA-AP-AC Zone: Category: Rank: P
Area: 9,200.00SqFt Length: 130.00Ft Width: 60.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 3 Surveyed: 1
Conditions: PCI : 96
Inspection Comments:

Sample Number: 301 Type: R Area: 2,500.00SqFt PCI = 96
Sample Comments:

52	WEATH/RAVEL	L	50.00 SqFt	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: AP TW D RU Name: RUN-UP APRON AT TAXIWAY D Use: APRON Area: 20,055.00SqFt

Section: 5105 of 1 From: - To: - Last Const.: 1/1/2010
Surface: AC Family: FDOT-GA-AP-AC Zone: Category: Rank: P
Area: 20,055.00SqFt Length: 129.00Ft Width: 152.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 4 Surveyed: 1
Conditions: PCI : 78
Inspection Comments:

Sample Number: 101 Type: R Area: 6,000.00SqFt PCI = 78
Sample Comments:

45 DEPRESSION	L	240.00 SqFt	Comments:	
52 WEATHERING/RAVELING	L	750.00 SqFt	Comments:	

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: AP W Name: WEST APRON Use: APRON Area: 383,356.00SqFt

Section: 4105 of 5 From: - To: - Last Const.: 12/25/199
Surface: AC Family: FDOT-GA-AP-AC Zone: Category: Rank: P
Area: 141,337.00SqFt Length: 800.00Ft Width: 170.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 46 Surveyed: 3
Conditions: PCI : 51
Inspection Comments:

Sample Number: 204 Type: R Area: 269.10SqFt PCI = 86
Sample Comments:

75 CORNER SPALL	L	0.09	Slabs	Comments:
70 SCALING	M	0.46	Slabs	Comments:
70 SCALING	L	0.65	Slabs	Comments:
63 LINEAR CR	M	0.09	Slabs	Comments:
74 JOINT SPALL	L	0.19	Slabs	Comments:
75 CORNER SPALL	M	0.09	Slabs	Comments:
65 JT SEAL DMG	M	2.32	Slabs	Comments:
75 CORNER SPALL	H	0.09	Slabs	Comments:

Sample Number: 300 Type: R Area: 4,675.00SqFt PCI = 46
Sample Comments:

45 DEPRESSION	L	36.00	SqFt	Comments:
43 BLOCK CR	L	4,675.00	SqFt	Comments:
52 WEATH/RAVEL	L	4,150.00	SqFt	Comments:
52 WEATH/RAVEL	M	525.00	SqFt	Comments:

Sample Number: 408 Type: R Area: 322.92SqFt PCI = 86
Sample Comments:

65 JT SEAL DMG	M	2.79	Slabs	Comments:
74 JOINT SPALL	L	0.46	Slabs	Comments:
70 SCALING	L	0.46	Slabs	Comments:
70 SCALING	M	0.28	Slabs	Comments:
75 CORNER SPALL	L	0.28	Slabs	Comments:
63 LINEAR CR	L	0.19	Slabs	Comments:
63 LINEAR CR	M	0.09	Slabs	Comments:
66 SMALL PATCH	L	0.19	Slabs	Comments:
74 JOINT SPALL	M	0.09	Slabs	Comments:
73 SHRINKAGE CR	L	0.09	Slabs	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: AP W Name: WEST APRON Use: APRON Area: 383,356.00SqFt

Section: 4115 of 5 From: - To: - Last Const.: 12/25/199
Surface: AC Family: FDOT-GA-AP-AC Zone: Category: Rank: P
Area: 26,000.00SqFt Length: 400.00Ft Width: 60.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 5 Surveyed: 1
Conditions: PCI : 65
Inspection Comments:

Sample Number: 502 Type: R Area: 7,500.00SqFt PCI = 65
Sample Comments:

52 WEATH/RAVEL	M	600.00 SqFt	Comments:
52 WEATH/RAVEL	L	6,900.00 SqFt	Comments:
48 L & T CR	L	41.00 Ft	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: AP W Name: WEST APRON Use: APRON Area: 383,356.00SqFt

Section: 4120 of 5 From: - To: - Last Const.: 12/25/199
Surface: AC Family: FDOT-GA-AP-AC Zone: Category: Rank: P
Area: 142,800.00SqFt Length: 420.00Ft Width: 300.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 38 Surveyed: 4
Conditions: PCI : 52
Inspection Comments:

Sample Number: 602 Type: R Area: 5,000.00SqFt PCI = 58
Sample Comments:

48 L & T CR	L	257.00	Ft	Comments:
52 WEATH/RAVEL	L	4,300.00	SqFt	Comments:
52 WEATH/RAVEL	M	700.00	SqFt	Comments:
48 L & T CR	M	40.00	Ft	Comments:

Sample Number: 700 Type: R Area: 5,000.00SqFt PCI = 34
Sample Comments:

52 WEATH/RAVEL	L	3,879.00	SqFt	Comments:
45 DEPRESSION	M	20.00	SqFt	Comments:
48 L & T CR	M	110.00	Ft	Comments:
52 WEATH/RAVEL	H	21.00	SqFt	Comments:
48 L & T CR	L	286.00	Ft	Comments:
52 WEATH/RAVEL	M	1,100.00	SqFt	Comments:
45 DEPRESSION	H	66.00	SqFt	Comments:

Sample Number: 705 Type: R Area: 5,000.00SqFt PCI = 59
Sample Comments:

52 WEATH/RAVEL	L	4,775.00	SqFt	Comments:
48 L & T CR	L	218.00	Ft	Comments:
48 L & T CR	M	50.00	Ft	Comments:
52 WEATH/RAVEL	M	225.00	SqFt	Comments:

Sample Number: 809 Type: R Area: 2,475.00SqFt PCI = 59
Sample Comments:

43 BLOCK CR	L	500.00	SqFt	Comments:
48 L & T CR	L	59.00	Ft	Comments:
52 WEATH/RAVEL	M	55.00	SqFt	Comments:
52 WEATH/RAVEL	L	2,415.00	SqFt	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: AP W Name: WEST APRON Use: APRON Area: 383,356.00SqFt

Section: 4125 of 5 From: - To: - Last Const.: 1/1/2006
Surface: PCC Family: FDOT-GA-PCC Zone: Category: Rank: P
Area: 12,419.00SqFt Length: 120.00Ft Width: 103.00Ft
Slabs: 10 Slab Width: 25.00Ft Slab Length: 50.00Ft Joint Length: 518.60Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 1 Surveyed: 1
Conditions: PCI : 47
Inspection Comments:

Sample Number: 710 Type: R Area: 10.00Slabs PCI = 47
Sample Comments:

62 CORNER BREAK	L	2.00 Slabs	Comments:	
63 LINEAR CRACKING	M	1.00 Slabs	Comments:	
65 JOINT SEAL DAMAGE	H	10.00 Slabs	Comments:	
70 SCALING/CRAZING	L	6.00 Slabs	Comments:	
70 SCALING/CRAZING	M	1.00 Slabs	Comments:	
73 SHRINKAGE CRACKING	N	2.00 Slabs	Comments:	
75 CORNER SPALLING	L	1.00 Slabs	Comments:	

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: RW 12-30 Name: RUNWAY 12-30 Use: RUNWAY Area: 585,200.00SqFt

Section: 6102 of 3 From: - To: - Last Const.: 1/1/2011
Surface: AC Family: FDOT-GA-RW-AC Zone: Category: Rank: P
Area: 70,000.00SqFt Length: 700.00Ft Width: 100.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 13 Surveyed: 3
Conditions: PCI : 88
Inspection Comments:

Sample Number: 101 Type: R Area: 5,000.00SqFt PCI = 88
Sample Comments:

50 PATCHING	L	0.25 SqFt	Comments:
48 L & T CR	L	43.00 Ft	Comments:
52 WEATH/RAVEL	L	185.00 SqFt	Comments:

Sample Number: 108 Type: R Area: 5,000.00SqFt PCI = 89
Sample Comments:

48 L & T CR	L	64.00 Ft	Comments:
52 WEATH/RAVEL	L	230.00 SqFt	Comments:

Sample Number: 112 Type: R Area: 5,000.00SqFt PCI = 89
Sample Comments:

48 L & T CR	L	101.00 Ft	Comments:
52 WEATH/RAVEL	L	100.00 SqFt	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: RW 12-30 Name: RUNWAY 12-30 Use: RUNWAY Area: 585,200.00SqFt

Section: 6105 of 3 From: - To: - Last Const.: 1/1/2011
Surface: APC Family: FDOT-GA-RW-AAC Zone: Category: Rank: P
Area: 486,600.00SqFt Length: 4,866.00Ft Width: 100.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 96 Surveyed: 20
Conditions: PCI : 82
Inspection Comments:

Sample Number: 301 Type: R Area: 5,000.00SqFt PCI = 71
Sample Comments:

48 L & T CR	M	12.00	Ft	Comments:
48 L & T CR	L	373.00	Ft	Comments:
52 WEATH/RAVEL	L	1,400.00	SqFt	Comments:

Sample Number: 305 Type: R Area: 5,000.00SqFt PCI = 83
Sample Comments:

48 L & T CR	L	23.00	Ft	Comments:
52 WEATH/RAVEL	L	950.00	SqFt	Comments:

Sample Number: 308 Type: R Area: 5,000.00SqFt PCI = 85
Sample Comments:

52 WEATH/RAVEL	L	550.00	SqFt	Comments:
48 L & T CR	L	54.00	Ft	Comments:

Sample Number: 315 Type: R Area: 5,000.00SqFt PCI = 75
Sample Comments:

52 WEATH/RAVEL	L	1,040.00	SqFt	Comments:
48 L & T CR	L	33.00	Ft	Comments:
52 WEATH/RAVEL	M	120.00	SqFt	Comments:
50 PATCHING	L	0.50	SqFt	Comments:

Sample Number: 322 Type: R Area: 5,000.00SqFt PCI = 82
Sample Comments:

52 WEATH/RAVEL	L	850.00	SqFt	Comments:
48 L & T CR	L	77.00	Ft	Comments:

Sample Number: 329 Type: R Area: 5,000.00SqFt PCI = 81
Sample Comments:

48 L & T CR	L	69.00	Ft	Comments:
52 WEATH/RAVEL	L	1,080.00	SqFt	Comments:

Sample Number: 332 Type: R Area: 5,000.00SqFt PCI = 86
Sample Comments:

52 WEATH/RAVEL	L	450.00	SqFt	Comments:
48 L & T CR	L	69.00	Ft	Comments:

Sample Number: 336 Type: R Area: 5,000.00SqFt PCI = 81
Sample Comments:

48 L & T CR	L	50.00	Ft	Comments:
50 PATCHING	L	0.50	SqFt	Comments:
52 WEATH/RAVEL	L	700.00	SqFt	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Sample Number: 339 Type: R Area: 5,000.00SqFt PCI = 88
Sample Comments:

48 L & T CR	L	18.00	Ft	Comments:
52 WEATH/RAVEL	L	350.00	SqFt	Comments:

Sample Number: 343 Type: R Area: 5,000.00SqFt PCI = 83
Sample Comments:

52 WEATH/RAVEL	L	225.00	SqFt	Comments:
48 L & T CR	L	181.00	Ft	Comments:

Sample Number: 346 Type: R Area: 5,000.00SqFt PCI = 82
Sample Comments:

48 L & T CR	L	93.00	Ft	Comments:
48 L & T CR	M	21.00	Ft	Comments:
52 WEATH/RAVEL	L	175.00	SqFt	Comments:

Sample Number: 350 Type: R Area: 5,000.00SqFt PCI = 79
Sample Comments:

48 L & T CR	L	109.00	Ft	Comments:
52 WEATH/RAVEL	L	1,350.00	SqFt	Comments:

Sample Number: 357 Type: R Area: 5,000.00SqFt PCI = 88
Sample Comments:

50 PATCHING	L	0.25	SqFt	Comments:
52 WEATH/RAVEL	L	150.00	SqFt	Comments:
48 L & T CR	L	57.00	Ft	Comments:

Sample Number: 360 Type: R Area: 5,000.00SqFt PCI = 85
Sample Comments:

48 L & T CR	L	19.00	Ft	Comments:
52 WEATH/RAVEL	L	670.00	SqFt	Comments:

Sample Number: 364 Type: R Area: 5,000.00SqFt PCI = 85
Sample Comments:

48 L & T CR	L	25.00	Ft	Comments:
52 WEATH/RAVEL	L	600.00	SqFt	Comments:

Sample Number: 369 Type: R Area: 5,000.00SqFt PCI = 84
Sample Comments:

48 L & T CR	L	76.00	Ft	Comments:
52 WEATH/RAVEL	L	650.00	SqFt	Comments:

Sample Number: 371 Type: R Area: 5,000.00SqFt PCI = 83
Sample Comments:

52 WEATH/RAVEL	L	725.00	SqFt	Comments:
48 L & T CR	L	54.00	Ft	Comments:

Sample Number: 378 Type: R Area: 5,000.00SqFt PCI = 81
Sample Comments:

48 L & T CR	L	118.00	Ft	Comments:
52 WEATH/RAVEL	L	1,030.00	SqFt	Comments:

Sample Number: 385 Type: R Area: 5,000.00SqFt PCI = 88
Sample Comments:

52 WEATH/RAVEL	L	260.00	SqFt	Comments:
48 L & T CR	L	66.00	Ft	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Sample Number: 392 Type: R Area: 5,000.00SqFt PCI = 75
Sample Comments:

52 WEATH/RAVEL	L	2,400.00	SqFt	Comments:
48 L & T CR	L	123.00	Ft	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: RW 12-30 Name: RUNWAY 12-30 Use: RUNWAY Area: 585,200.00SqFt

Section: 6120 of 3 From: - To: - Last Const.: 1/1/2011
Surface: APC Family: FDOT-GA-RW-AAC Zone: Category: Rank: P
Area: 28,600.00SqFt Length: 286.00Ft Width: 100.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 10 Surveyed: 3
Conditions: PCI : 89
Inspection Comments:

Sample Number: 397 Type: R Area: 5,000.00SqFt PCI = 89
Sample Comments:

48 L & T CR	L	41.00 Ft	Comments:
52 WEATH/RAVEL	L	230.00 SqFt	Comments:

Sample Number: 400 Type: R Area: 5,000.00SqFt PCI = 85
Sample Comments:

52 WEATH/RAVEL	L	550.00 SqFt	Comments:
48 L & T CR	L	38.00 Ft	Comments:

Sample Number: 402 Type: R Area: 3,600.00SqFt PCI = 94
Sample Comments:

52 WEATH/RAVEL	L	150.00 SqFt	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: RW 16-34 Name: RUNWAY 16-34 Use: RUNWAY Area: 500,000.00SqFt

Section: 6305 of 1 From: - To: - Last Const.: 1/1/1985
Surface: AAC Family: FDOT-GA-RW-AAC Zone: Category: Rank: S
Area: 500,000.00SqFt Length: 5,000.00Ft Width: 100.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 98 Surveyed: 21
Conditions: PCI : 65
Inspection Comments:

Sample Number: 300 Type: R Area: 5,000.00SqFt PCI = 62
Sample Comments:

48 L & T CR	L	118.00	Ft	Comments:
52 WEATH/RAVEL	L	5,000.00	SqFt	Comments:
48 L & T CR	M	38.00	Ft	Comments:
50 PATCHING	L	0.75	SqFt	Comments:

Sample Number: 303 Type: R Area: 3,700.00SqFt PCI = 71
Sample Comments:

48 L & T CR	L	31.00	Ft	Comments:
52 WEATH/RAVEL	L	3,100.00	SqFt	Comments:

Sample Number: 308 Type: R Area: 5,000.00SqFt PCI = 69
Sample Comments:

50 PATCHING	L	1.25	SqFt	Comments:
48 L & T CR	L	208.00	Ft	Comments:
52 WEATH/RAVEL	L	4,050.00	SqFt	Comments:

Sample Number: 310 Type: R Area: 5,000.00SqFt PCI = 70
Sample Comments:

52 WEATH/RAVEL	L	3,500.00	SqFt	Comments:
48 L & T CR	L	217.00	Ft	Comments:
50 PATCHING	L	0.50	SqFt	Comments:

Sample Number: 312 Type: R Area: 5,000.00SqFt PCI = 69
Sample Comments:

48 L & T CR	L	275.00	Ft	Comments:
52 WEATH/RAVEL	L	5,000.00	SqFt	Comments:

Sample Number: 314 Type: R Area: 5,000.00SqFt PCI = 69
Sample Comments:

48 L & T CR	L	228.00	Ft	Comments:
52 WEATH/RAVEL	L	5,000.00	SqFt	Comments:

Sample Number: 318 Type: R Area: 5,000.00SqFt PCI = 67
Sample Comments:

52 WEATH/RAVEL	L	4,750.00	SqFt	Comments:
50 PATCHING	L	0.50	SqFt	Comments:
48 L & T CR	L	207.00	Ft	Comments:

Sample Number: 321 Type: R Area: 5,000.00SqFt PCI = 52
Sample Comments:

52 WEATH/RAVEL	M	2,000.00	SqFt	Comments:
48 L & T CR	L	116.00	Ft	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

52 WEATH/RAVEL		L	3,000.00 SqFt	Comments:

Sample Number: 328 Type: R Area: 5,000.00SqFt PCI = 67
Sample Comments:

52 WEATH/RAVEL		L	5,000.00 SqFt	Comments:
50 PATCHING		L	1.00 SqFt	Comments:
48 L & T CR		L	191.00 Ft	Comments:

Sample Number: 335 Type: R Area: 5,000.00SqFt PCI = 59
Sample Comments:

48 L & T CR		M	25.00 Ft	Comments:
48 L & T CR		L	184.00 Ft	Comments:
52 WEATH/RAVEL		M	100.00 SqFt	Comments:
52 WEATH/RAVEL		L	4,900.00 SqFt	Comments:

Sample Number: 341 Type: R Area: 5,000.00SqFt PCI = 69
Sample Comments:

52 WEATH/RAVEL		L	5,000.00 SqFt	Comments:
48 L & T CR		L	305.00 Ft	Comments:

Sample Number: 349 Type: R Area: 5,000.00SqFt PCI = 62
Sample Comments:

50 PATCHING		L	0.25 SqFt	Comments:
48 L & T CR		L	161.00 Ft	Comments:
43 BLOCK CR		L	300.00 SqFt	Comments:
52 WEATH/RAVEL		L	5,000.00 SqFt	Comments:

Sample Number: 356 Type: R Area: 5,000.00SqFt PCI = 63
Sample Comments:

48 L & T CR		L	274.00 Ft	Comments:
48 L & T CR		M	2.00 Ft	Comments:
52 WEATH/RAVEL		L	5,000.00 SqFt	Comments:
50 PATCHING		L	0.50 SqFt	Comments:

Sample Number: 363 Type: R Area: 5,000.00SqFt PCI = 62
Sample Comments:

48 L & T CR		L	127.00 Ft	Comments:
52 WEATH/RAVEL		L	4,970.00 SqFt	Comments:
52 WEATH/RAVEL		M	30.00 SqFt	Comments:
50 PATCHING		L	1.25 SqFt	Comments:

Sample Number: 366 Type: R Area: 5,000.00SqFt PCI = 67
Sample Comments:

48 L & T CR		L	145.00 Ft	Comments:
52 WEATH/RAVEL		L	5,000.00 SqFt	Comments:
50 PATCHING		L	0.25 SqFt	Comments:

Sample Number: 369 Type: R Area: 5,200.00SqFt PCI = 70
Sample Comments:

52 WEATH/RAVEL		L	2,600.00 SqFt	Comments:
48 L & T CR		L	83.00 Ft	Comments:
52 WEATH/RAVEL		M	130.00 SqFt	Comments:

Sample Number: 373 Type: R Area: 5,000.00SqFt PCI = 69
Sample Comments:

52 WEATH/RAVEL		L	5,000.00 SqFt	Comments:
48 L & T CR		L	137.00 Ft	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Sample Number: 377 Type: R Area: 5,000.00SqFt PCI = 69
Sample Comments:

52 WEATH/RAVEL	L	5,000.00	SqFt	Comments:
48 L & T CR	L	97.00	Ft	Comments:

Sample Number: 384 Type: R Area: 5,000.00SqFt PCI = 69
Sample Comments:

48 L & T CR	L	277.00	Ft	Comments:
52 WEATH/RAVEL	L	5,000.00	SqFt	Comments:

Sample Number: 390 Type: R Area: 5,000.00SqFt PCI = 62
Sample Comments:

52 WEATH/RAVEL	L	4,970.00	SqFt	Comments:
48 L & T CR	L	243.00	Ft	Comments:
50 PATCHING	L	1.00	SqFt	Comments:
52 WEATH/RAVEL	M	30.00	SqFt	Comments:

Sample Number: 398 Type: R Area: 5,000.00SqFt PCI = 62
Sample Comments:

50 PATCHING	L	0.50	SqFt	Comments:
52 WEATH/RAVEL	M	18.00	SqFt	Comments:
52 WEATH/RAVEL	L	4,982.00	SqFt	Comments:
48 L & T CR	L	328.00	Ft	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: RW 7-25 Name: RUNWAY 7-25 Use: RUNWAY Area: 483,000.00SqFt

Section: 6205 of 2 From: - To: - Last Const.: 1/1/2010
Surface: AAC Family: FDOT-GA-RW-AAC Zone: Category: Rank: S
Area: 475,000.00SqFt Length: 4,750.00Ft Width: 100.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 93 Surveyed: 19
Conditions: PCI : 90
Inspection Comments:

Sample Number: 305 Type: R Area: 5,000.00SqFt PCI = 81
Sample Comments:

52 WEATH/RAVEL	L	230.00	SqFt	Comments:
48 L & T CR	L	66.00	Ft	Comments:
56 SWELLING	L	210.00	SqFt	Comments:

Sample Number: 312 Type: R Area: 5,000.00SqFt PCI = 90
Sample Comments:

48 L & T CR	L	69.00	Ft	Comments:
52 WEATH/RAVEL	L	100.00	SqFt	Comments:

Sample Number: 315 Type: R Area: 5,000.00SqFt PCI = 84
Sample Comments:

48 L & T CR	L	159.00	Ft	Comments:
52 WEATH/RAVEL	L	200.00	SqFt	Comments:

Sample Number: 319 Type: R Area: 5,000.00SqFt PCI = 87
Sample Comments:

45 DEPRESSION	L	1.00	SqFt	Comments:
52 WEATH/RAVEL	L	325.00	SqFt	Comments:
48 L & T CR	L	61.00	Ft	Comments:

Sample Number: 326 Type: R Area: 5,000.00SqFt PCI = 91
Sample Comments:

48 L & T CR	L	36.00	Ft	Comments:
52 WEATH/RAVEL	L	125.00	SqFt	Comments:

Sample Number: 333 Type: R Area: 5,000.00SqFt PCI = 89
Sample Comments:

52 WEATH/RAVEL	L	175.00	SqFt	Comments:
48 L & T CR	L	63.00	Ft	Comments:

Sample Number: 336 Type: R Area: 5,000.00SqFt PCI = 90
Sample Comments:

48 L & T CR	L	75.00	Ft	Comments:
52 WEATH/RAVEL	L	100.00	SqFt	Comments:

Sample Number: 340 Type: R Area: 5,000.00SqFt PCI = 88
Sample Comments:

52 WEATH/RAVEL	L	85.00	SqFt	Comments:
48 L & T CR	L	109.00	Ft	Comments:

Sample Number: 347 Type: R Area: 5,000.00SqFt PCI = 93
Sample Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

52 WEATH/RAVEL	L	50.00	SqFt	Comments:
48 L & T CR	L	36.00	Ft	Comments:

Sample Number: 354 Type: R Area: 5,000.00SqFt PCI = 97
Sample Comments:

52 WEATH/RAVEL	L	75.00	SqFt	Comments:

Sample Number: 357 Type: R Area: 5,000.00SqFt PCI = 91
Sample Comments:

48 L & T CR	L	11.00	Ft	Comments:
52 WEATH/RAVEL	L	190.00	SqFt	Comments:

Sample Number: 361 Type: R Area: 5,000.00SqFt PCI = 88
Sample Comments:

48 L & T CR	L	35.00	Ft	Comments:
52 WEATH/RAVEL	L	280.00	SqFt	Comments:

Sample Number: 368 Type: R Area: 5,000.00SqFt PCI = 93
Sample Comments:

52 WEATH/RAVEL	L	100.00	SqFt	Comments:
48 L & T CR	L	7.00	Ft	Comments:

Sample Number: 373 Type: R Area: 5,000.00SqFt PCI = 92
Sample Comments:

52 WEATH/RAVEL	L	80.00	SqFt	Comments:
48 L & T CR	L	28.00	Ft	Comments:

Sample Number: 375 Type: R Area: 5,000.00SqFt PCI = 95
Sample Comments:

48 L & T CR	L	9.00	Ft	Comments:
52 WEATH/RAVEL	L	25.00	SqFt	Comments:

Sample Number: 382 Type: R Area: 5,000.00SqFt PCI = 93
Sample Comments:

52 WEATH/RAVEL	L	80.00	SqFt	Comments:
48 L & T CR	L	20.00	Ft	Comments:

Sample Number: 389 Type: R Area: 5,000.00SqFt PCI = 93
Sample Comments:

52 WEATH/RAVEL	L	90.00	SqFt	Comments:
48 L & T CR	L	7.00	Ft	Comments:
56 SWELLING	L	3.00	SqFt	Comments:

Sample Number: 396 Type: R Area: 5,000.00SqFt PCI = 88
Sample Comments:

48 L & T CR	L	73.00	Ft	Comments:
52 WEATH/RAVEL	L	265.00	SqFt	Comments:

Sample Number: 397 Type: R Area: 5,200.00SqFt PCI = 89
Sample Comments:

48 L & T CR	L	71.00	Ft	Comments:
52 WEATH/RAVEL	L	175.00	SqFt	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: RW 7-25 Name: RUNWAY 7-25 Use: RUNWAY Area: 483,000.00SqFt

Section: 6210 of 2 From: - To: - Last Const.: 1/1/2010
Surface: AAC Family: FDOT-GA-RW-AAC Zone: Category: Rank: S
Area: 8,000.00SqFt Length: 80.00Ft Width: 100.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 3 Surveyed: 1
Conditions: PCI : 84
Inspection Comments:

Sample Number: 303 Type: R Area: 4,400.00SqFt PCI = 84
Sample Comments:

56 SWELLING	L	1.00	SqFt	Comments:
48 L & T CR	L	63.00	Ft	Comments:
52 WEATH/RAVEL	L	480.00	SqFt	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 294,632.00SqFt

Section: 101 of 10 From: - To: - Last Const.: 1/1/2010
Surface: AC Family: FDOT-GA-TW-AC Zone: Category: Rank: T
Area: 9,162.00SqFt Length: 192.00Ft Width: 45.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 2 Surveyed: 1
Conditions: PCI : 92
Inspection Comments:

Sample Number: 100 Type: R Area: 4,500.00SqFt PCI = 92
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	34.00 Ft	Comments:
52	WEATHERING/RAVELING	L	85.00 SqFt	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 294,632.00SqFt

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Section: 102 of 10 From: - To: - Last Const.: 1/1/2008
Surface: AC Family: FDOT-GA-TW-AC Zone: Category: Rank: P
Area: 23,100.00SqFt Length: 770.00Ft Width: 30.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 6 Surveyed: 1
Conditions: PCI : 88
Inspection Comments:

Sample Number: 105 Type: R Area: 3,500.00SqFt PCI = 88
Sample Comments:

48 L & T CR	L	6.00 Ft	Comments:
52 WEATH/RAVEL	L	300.00 SqFt	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 294,632.00SqFt

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Section: 105 of 10 From: - To: - Last Const.: 1/1/2008
Surface: AC Family: FDOT-GA-TW-AC Zone: Category: Rank: P
Area: 75,900.00SqFt Length: 2,530.00Ft Width: 30.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 25 Surveyed: 4
Conditions: PCI : 84
Inspection Comments:

Sample Number: 104 Type: R Area: 3,500.00SqFt PCI = 90
Sample Comments:

52 WEATH/RAVEL	L	150.00 SqFt	Comments:
48 L & T CR	L	10.00 Ft	Comments:

Sample Number: 112 Type: R Area: 3,500.00SqFt PCI = 72
Sample Comments:

48 L & T CR	L	316.00 Ft	Comments:
52 WEATH/RAVEL	L	450.00 SqFt	Comments:
56 SWELLING	L	8.00 SqFt	Comments:

Sample Number: 116 Type: R Area: 3,500.00SqFt PCI = 87
Sample Comments:

52 WEATH/RAVEL	L	300.00 SqFt	Comments:
48 L & T CR	L	12.00 Ft	Comments:

Sample Number: 122 Type: R Area: 3,500.00SqFt PCI = 87
Sample Comments:

52 WEATH/RAVEL	L	75.00 SqFt	Comments:
48 L & T CR	L	84.00 Ft	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 294,632.00SqFt

Section: 110 of 10 From: - To: - Last Const.: 1/1/2008
Surface: AAC Family: FDOT-GA-TW-AAC Zone: Category: Rank: P
Area: 137,000.00SqFt Length: 2,740.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 28 Surveyed: 5
Conditions: PCI : 79
Inspection Comments:

Sample Number: 201 Type: R Area: 1,350.00SqFt PCI = 42
Sample Comments:

43 BLOCK CR	M	1,350.00	SqFt	Comments:
52 WEATH/RAVEL	L	1,350.00	SqFt	Comments:

Sample Number: 209 Type: R Area: 5,000.00SqFt PCI = 87
Sample Comments:

52 WEATH/RAVEL	L	600.00	SqFt	Comments:
48 L & T CR	L	4.00	Ft	Comments:

Sample Number: 217 Type: R Area: 5,000.00SqFt PCI = 80
Sample Comments:

48 L & T CR	L	42.00	Ft	Comments:
52 WEATH/RAVEL	L	900.00	SqFt	Comments:
50 PATCHING	L	0.25	SqFt	Comments:

Sample Number: 225 Type: R Area: 5,000.00SqFt PCI = 81
Sample Comments:

52 WEATH/RAVEL	L	800.00	SqFt	Comments:
48 L & T CR	L	113.00	Ft	Comments:
50 PATCHING	L	0.25	SqFt	Comments:

Sample Number: 228 Type: R Area: 5,000.00SqFt PCI = 79
Sample Comments:

48 L & T CR	L	114.00	Ft	Comments:
52 WEATH/RAVEL	L	700.00	SqFt	Comments:
48 L & T CR	M	7.00	Ft	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 294,632.00SqFt

Section: 115 of 10 From: - To: - Last Const.: 1/1/2008
Surface: AAC Family: FDOT-GA-TW-AAC Zone: Category: Rank: P
Area: 9,000.00SqFt Length: 180.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 2 Surveyed: 1
Conditions: PCI : 73
Inspection Comments:

Sample Number: 229 Type: R Area: 5,341.00SqFt PCI = 73
Sample Comments:

52 WEATH/RAVEL	L	1,390.00	SqFt	Comments:
50 PATCHING	L	0.25	SqFt	Comments:
52 WEATH/RAVEL	M	75.00	SqFt	Comments:
48 L & T CR	L	99.00	Ft	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 294,632.00SqFt

Section: 125 of 10 From: - To: - Last Const.: 1/1/2010
Surface: AC Family: FDOT-GA-TW-AC Zone: Category: Rank: P
Area: 12,000.00SqFt Length: 230.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 2 Surveyed: 1
Conditions: PCI : 42
Inspection Comments:

Sample Number: 101 Type: R Area: 3,500.00SqFt PCI = 42
Sample Comments:

52 WEATH/RAVEL	L	3,500.00	SqFt	Comments:
45 DEPRESSION	L	22.00	SqFt	Comments:
43 BLOCK CR	L	111.00	SqFt	Comments:
43 BLOCK CR	L	120.00	SqFt	Comments:
48 L & T CR	H	8.00	Ft	Comments:
48 L & T CR	M	51.00	Ft	Comments:
48 L & T CR	L	139.00	Ft	Comments:
41 ALLIGATOR CR	L	14.00	SqFt	Comments:
50 PATCHING	L	3.00	SqFt	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 294,632.00SqFt

Section: 126 of 10 From: - To: - Last Const.: 1/1/2008
Surface: AC Family: FDOT-GA-TW-AC Zone: Category: Rank: P
Area: 3,176.00SqFt Length: 39.00Ft Width: 64.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 1 Surveyed: 1
Conditions: PCI : 71
Inspection Comments:

Sample Number: 100 Type: R Area: 3,025.00SqFt PCI = 71
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	96.00	Ft	Comments:
52	WEATHERING/RAVELING	L	1,250.00	SqFt	Comments:
56	SWELLING	L	115.00	SqFt	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 294,632.00SqFt

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Section: 130 of 10 From: - To: - Last Const.: 1/1/2010
Surface: AC Family: FDOT-GA-TW-AC Zone: Category: Rank: P
Area: 20,000.00SqFt Length: 200.00Ft Width: 100.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 5 Surveyed: 1
Conditions: PCI : 80
Inspection Comments:

Sample Number: 206 Type: R Area: 4,930.00SqFt PCI = 80
Sample Comments:

48 L & T CR	L	85.00 Ft	Comments:
52 WEATH/RAVEL	L	1,200.00 SqFt	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 294,632.00SqFt

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Section: 135 of 10 From: - To: - Last Const.: 1/1/2008
Surface: AC Family: FDOT-GA-TW-AC Zone: Category: Rank: P
Area: 2,422.00SqFt Length: 45.00Ft Width: 48.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 1 Surveyed: 1
Conditions: PCI : 84
Inspection Comments:

Sample Number: 100 Type: R Area: 2,422.00SqFt PCI = 84
Sample Comments:

52	WEATHERING/RAVELING	L	700.00 SqFt	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 294,632.00SqFt

Section: 136 of 10 From: - To: - Last Const.: 1/1/2008
Surface: AC Family: FDOT-GA-TW-AC Zone: Category: Rank: P
Area: 2,872.00SqFt Length: 45.00Ft Width: 58.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 1 Surveyed: 1
Conditions: PCI : 74
Inspection Comments:

Sample Number: 100 Type: R Area: 2,872.00SqFt PCI = 74
Sample Comments:

52	WEATHERING/RAVELING	L	1,600.00 SqFt	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	L	56.00 Ft	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 91,079.00SqFt

Section: 205 of 5 From: - To: - Last Const.: 1/1/1942
Surface: AC Family: FDOT-GA-TW-AC Zone: Category: Rank: P
Area: 60,000.00SqFt Length: 1,200.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 12 Surveyed: 3
Conditions: PCI : 45
Inspection Comments:

Sample Number: 204 Type: R Area: 6,500.00SqFt PCI = 54
Sample Comments:

52 WEATH/RAVEL	M	300.00	SqFt	Comments:
52 WEATH/RAVEL	L	6,200.00	SqFt	Comments:
43 BLOCK CR	L	5,300.00	SqFt	Comments:

Sample Number: 207 Type: R Area: 5,000.00SqFt PCI = 39
Sample Comments:

52 WEATH/RAVEL	L	4,850.00	SqFt	Comments:
43 BLOCK CR	L	3,000.00	SqFt	Comments:
48 L & T CR	L	370.00	Ft	Comments:
43 BLOCK CR	M	500.00	SqFt	Comments:
52 WEATH/RAVEL	M	150.00	SqFt	Comments:
48 L & T CR	M	45.00	Ft	Comments:

Sample Number: 212 Type: R Area: 5,000.00SqFt PCI = 40
Sample Comments:

43 BLOCK CR	L	1,800.00	SqFt	Comments:
52 WEATH/RAVEL	M	375.00	SqFt	Comments:
52 WEATH/RAVEL	L	4,625.00	SqFt	Comments:
48 L & T CR	M	350.00	Ft	Comments:
48 L & T CR	L	280.00	Ft	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 91,079.00SqFt

Section: 206 of 5 From: - To: - Last Const.: 1/1/2010
Surface: AC Family: FDOT-GA-TW-AC Zone: Category: Rank: P
Area: 9,100.00SqFt Length: 140.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 1 Surveyed: 1
Conditions: PCI : 46
Inspection Comments:

Sample Number: 201 Type: R Area: 5,000.00SqFt PCI = 46
Sample Comments:

52 WEATH/RAVEL	L	1,500.00	SqFt	Comments:
43 BLOCK CR	L	630.00	SqFt	Comments:
52 WEATH/RAVEL	M	1,100.00	SqFt	Comments:
48 L & T CR	M	25.00	Ft	Comments:
48 L & T CR	L	89.00	Ft	Comments:
43 BLOCK CR	M	390.00	SqFt	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 91,079.00SqFt

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Section: 207 of 5 From: - To: - Last Const.: 1/1/2008
Surface: AC Family: FDOT-GA-TW-AC Zone: Category: Rank: P
Area: 8,800.00SqFt Length: 120.00Ft Width: 60.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 1 Surveyed: 1
Conditions: PCI : 88
Inspection Comments:

Sample Number: 202 Type: R Area: 5,000.00SqFt PCI = 88
Sample Comments:

52 WEATH/RAVEL	L	250.00 SqFt	Comments:
48 L & T CR	L	64.00 Ft	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 91,079.00SqFt

Section: 208 of 5 From: - To: - Last Const.: 1/1/2010
Surface: AC Family: FDOT-GA-TW-AC Zone: Category: Rank: P
Area: 9,525.00SqFt Length: 170.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 2 Surveyed: 1
Conditions: PCI : 78
Inspection Comments:

Sample Number: 200 Type: R Area: 5,200.00SqFt PCI = 78
Sample Comments:

48 L & T CR	L	119.00 Ft	Comments:
48 L & T CR	M	15.00 Ft	Comments:
52 WEATH/RAVEL	L	800.00 SqFt	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 91,079.00SqFt

Section: 209 of 5 From: - To: - Last Const.: 1/1/2008
Surface: AC Family: FDOT-GA-TW-AC Zone: Category: Rank: P
Area: 3,654.00SqFt Length: 39.00Ft Width: 74.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 1 Surveyed: 1
Conditions: PCI : 66
Inspection Comments:

Sample Number: 215 Type: R Area: 3,654.00SqFt PCI = 66
Sample Comments:

43	BLOCK CRACKING	L	130.00	SqFt	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	L	91.00	Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	18.00	Ft	Comments:
52	WEATHERING/RAVELING	L	1,550.00	SqFt	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 376,537.00SqFt

Section: 305 of 8 From: - To: - Last Const.: 1/1/2010
Surface: AC Family: FDOT-GA-TW-AC Zone: Category: Rank: P
Area: 108,750.00SqFt Length: 2,175.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 22 Surveyed: 4
Conditions: PCI : 92
Inspection Comments:

Sample Number: 403 Type: R Area: 3,500.00SqFt PCI = 88
Sample Comments:

52 WEATH/RAVEL	L	100.00	SqFt	Comments:
48 L & T CR	L	30.00	Ft	Comments:
50 PATCHING	L	0.25	SqFt	Comments:

Sample Number: 406 Type: R Area: 3,500.00SqFt PCI = 89
Sample Comments:

48 L & T CR	L	17.00	Ft	Comments:
52 WEATH/RAVEL	L	200.00	SqFt	Comments:

Sample Number: 413 Type: R Area: 3,500.00SqFt PCI = 97
Sample Comments:

52 WEATH/RAVEL	L	50.00	SqFt	Comments:

Sample Number: 420 Type: R Area: 3,500.00SqFt PCI = 96
Sample Comments:

52 WEATH/RAVEL	L	70.00	SqFt	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 376,537.00SqFt

Section: 306 of 8 From: - To: - Last Const.: 1/1/2010
Surface: AC Family: FDOT-GA-TW-AC Zone: Category: Rank: P
Area: 13,326.00SqFt Length: 85.00Ft Width: 143.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 2 Surveyed: 1
Conditions: PCI : 86
Inspection Comments:

Sample Number: 101 Type: R Area: 6,160.00SqFt PCI = 86
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	22.00	Ft	Comments:
50	PATCHING	L	0.75	SqFt	Comments:
52	WEATHERING/RAVELING	L	450.00	SqFt	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 376,537.00SqFt

Section: 310 of 8 From: - To: - Last Const.: 1/1/2010
Surface: AC Family: FDOT-GA-TW-AC Zone: Category: Rank: P
Area: 95,000.00SqFt Length: 1,900.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 19 Surveyed: 4
Conditions: PCI : 73
Inspection Comments:

Sample Number: 425 Type: R Area: 3,900.00SqFt PCI = 89
Sample Comments:

50 PATCHING	M	0.25 SqFt	Comments:
52 WEATH/RAVEL	L	110.00 SqFt	Comments:

Sample Number: 431 Type: R Area: 3,500.00SqFt PCI = 93
Sample Comments:

52 WEATH/RAVEL	L	120.00 SqFt	Comments:
50 PATCHING	L	0.25 SqFt	Comments:

Sample Number: 437 Type: R Area: 3,500.00SqFt PCI = 89
Sample Comments:

52 WEATH/RAVEL	L	210.00 SqFt	Comments:
45 DEPRESSION	L	20.00 SqFt	Comments:

Sample Number: 442 Type: R Area: 3,750.00SqFt PCI = 23
Sample Comments:

48 L & T CR	L	64.00 Ft	Comments:
52 WEATH/RAVEL	L	150.00 SqFt	Comments:
43 BLOCK CR	M	500.00 SqFt	Comments:
43 BLOCK CR	L	720.00 SqFt	Comments:
52 WEATH/RAVEL	M	3,600.00 SqFt	Comments:
41 ALLIGATOR CR	L	18.00 SqFt	Comments:
48 L & T CR	M	56.00 Ft	Comments:
48 L & T CR	H	6.00 Ft	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 376,537.00SqFt

Section: 311 of 8 From: - To: - Last Const.: 1/1/2008
Surface: AC Family: FDOT-GA-TW-AC Zone: Category: Rank: P
Area: 7,977.00SqFt Length: 128.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 2 Surveyed: 1
Conditions: PCI : 85
Inspection Comments:

Sample Number: 445 Type: R Area: 4,125.00SqFt PCI = 85
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	6.00 Ft	Comments:
50	PATCHING	L	0.25 SqFt	Comments:
52	WEATHERING/RAVELING	L	420.00 SqFt	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 376,537.00SqFt

Section: 315 of 8 From: - To: - Last Const.: 1/1/2010
Surface: AAC Family: FDOT-GA-TW-AAC Zone: Category: Rank: P
Area: 3,500.00SqFt Length: 50.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 1 Surveyed: 1
Conditions: PCI : 69
Inspection Comments:

Sample Number: 417 Type: R Area: 4,800.00SqFt PCI = 69
Sample Comments:

52 WEATH/RAVEL	L	4,800.00 SqFt	Comments:
48 L & T CR	L	46.00 Ft	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 376,537.00SqFt

Section: 320 of 8 From: - To: - Last Const.: 1/1/2010
Surface: AC Family: FDOT-GA-TW-AC Zone: Category: Rank: P
Area: 5,600.00SqFt Length: 100.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 1 Surveyed: 1
Conditions: PCI : 83
Inspection Comments:

Sample Number: 441 Type: R Area: 5,200.00SqFt PCI = 83
Sample Comments:

52	WEATH/RAVEL	L	320.00 SqFt	Comments:
48	L & T CR	L	44.00 Ft	Comments:
50	PATCHING	L	0.50 SqFt	Comments:
45	DEPRESSION	L	20.00 SqFt	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 376,537.00SqFt

Section: 325 of 8 From: - To: - Last Const.: 1/1/2008
Surface: AC Family: FDOT-GA-TW-AC Zone: Category: Rank: P
Area: 8,250.00SqFt Length: 110.00Ft Width: 75.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 2 Surveyed: 1
Conditions: PCI : 72
Inspection Comments:

Sample Number: 447 Type: R Area: 5,313.00SqFt PCI = 72
Sample Comments:

52 WEATH/RAVEL	L	2,340.00	SqFt	Comments:
43 BLOCK CR	L	684.00	SqFt	Comments:
48 L & T CR	L	17.00	Ft	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 376,537.00SqFt

Section: 330 of 8 From: - To: - Last Const.: 12/25/199
Surface: AC Family: FDOT-GA-TW-AC Zone: Category: Rank: P
Area: 134,134.00SqFt Length: 1,129.00Ft Width: 115.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 23 Surveyed: 3
Conditions: PCI : 31
Inspection Comments:

Sample Number: 903 Type: R Area: 5,000.00SqFt PCI = 30
Sample Comments:

43	BLOCK CRACKING	L	3,800.00 SqFt	Comments:
43	BLOCK CRACKING	M	500.00 SqFt	Comments:
45	DEPRESSION	L	8.00 SqFt	Comments:
52	WEATHERING/RAVELING	L	1,050.00 SqFt	Comments:
52	WEATHERING/RAVELING	M	3,950.00 SqFt	Comments:

Sample Number: 907 Type: R Area: 5,000.00SqFt PCI = 25
Sample Comments:

43	BLOCK CRACKING	L	2,000.00 SqFt	Comments:
43	BLOCK CRACKING	M	200.00 SqFt	Comments:
45	DEPRESSION	M	6.00 SqFt	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	L	280.00 Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	25.00 Ft	Comments:
52	WEATHERING/RAVELING	L	850.00 SqFt	Comments:
52	WEATHERING/RAVELING	M	4,150.00 SqFt	Comments:

Sample Number: 918 Type: R Area: 5,000.00SqFt PCI = 37
Sample Comments:

43	BLOCK CRACKING	L	5,000.00 SqFt	Comments:
52	WEATHERING/RAVELING	L	1,450.00 SqFt	Comments:
52	WEATHERING/RAVELING	M	3,550.00 SqFt	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: TW C1 Name: TAXIWAY C1 Use: TAXIWAY Area: 47,529.00SqFt

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Section: 505 of 1 From: - To: - Last Const.: 1/1/2010
Surface: AC Family: FDOT-GA-TW-AC Zone: Category: Rank: P
Area: 47,529.00SqFt Length: 1,319.00Ft Width: 35.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 13 Surveyed: 2
Conditions: PCI : 87
Inspection Comments:

Sample Number: 501 Type: R Area: 3,500.00SqFt PCI = 88
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	70.00 Ft	Comments:
52	WEATHERING/RAVELING	L	200.00 SqFt	Comments:

Sample Number: 506 Type: R Area: 3,500.00SqFt PCI = 86
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	100.00 Ft	Comments:
52	WEATHERING/RAVELING	L	75.00 SqFt	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: TW D Name: TAXIWAY D Use: TAXIWAY Area: 273,901.00SqFt

Section: 405 of 3 From: - To: - Last Const.: 1/1/2010
Surface: AC Family: FDOT-GA-TW-AC Zone: Category: Rank: P
Area: 257,500.00SqFt Length: 5,150.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 53 Surveyed: 6
Conditions: PCI : 92
Inspection Comments:

Sample Number: 301 Type: R Area: 3,500.00SqFt PCI = 87
Sample Comments:

52 WEATH/RAVEL	L	650.00 SqFt	Comments:

Sample Number: 310 Type: R Area: 3,500.00SqFt PCI = 94
Sample Comments:

52 WEATH/RAVEL	L	160.00 SqFt	Comments:

Sample Number: 320 Type: R Area: 3,500.00SqFt PCI = 92
Sample Comments:

50 PATCHING	L	0.25 SqFt	Comments:
52 WEATH/RAVEL	L	140.00 SqFt	Comments:

Sample Number: 330 Type: R Area: 3,500.00SqFt PCI = 94
Sample Comments:

48 L & T CR	L	4.00 Ft	Comments:
52 WEATH/RAVEL	L	60.00 SqFt	Comments:

Sample Number: 340 Type: R Area: 3,500.00SqFt PCI = 95
Sample Comments:

52 WEATH/RAVEL	L	120.00 SqFt	Comments:

Sample Number: 350 Type: R Area: 3,500.00SqFt PCI = 93
Sample Comments:

48 L & T CR	L	4.00 Ft	Comments:
52 WEATH/RAVEL	L	80.00 SqFt	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: TW D Name: TAXIWAY D Use: TAXIWAY Area: 273,901.00SqFt

Section: 411 of 3 From: - To: - Last Const.: 1/1/2010
Surface: AAC Family: FDOT-GA-TW-AAC Zone: Category: Rank: P
Area: 3,465.00SqFt Length: 165.00Ft Width: 21.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 1 Surveyed: 1
Conditions: PCI : 83
Inspection Comments:

Sample Number: 352 Type: R Area: 3,500.00SqFt PCI = 83
Sample Comments:

52 WEATH/RAVEL	L	330.00	SqFt	Comments:
48 L & T CR	L	107.00	Ft	Comments:
50 PATCHING	L	1.00	SqFt	Comments:

Re-inspection Report

FDOT
Report Generated Date: 1/23/2012
Site Name:

Network: SUA Name: WITHAM FIELD

Branch: TW D Name: TAXIWAY D Use: TAXIWAY Area: 273,901.00SqFt

Section: 412 of 3 From: - To: - Last Const.: 1/1/2010
Surface: AC Family: FDOT-GA-TW-AC Zone: Category: Rank: P
Area: 12,936.00SqFt Length: 77.00Ft Width: 164.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date12/8/2011 Total Samples: 2 Surveyed: 1
Conditions: PCI : 85
Inspection Comments:

Sample Number: 101 Type: R Area: 8,400.00SqFt PCI = 85
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	21.00 Ft	Comments:
50	PATCHING	L	0.75 SqFt	Comments:
52	WEATHERING/RAVELING	L	750.00 SqFt	Comments: