STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

AVIATION OFFICE

Statewide Airfield Pavement Management Program

Fernandina Beach Municipal Airport–FHB
(Regional Reliever)
Fernandina Beach, Florida
(District 2)

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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 Fernandina Beach Municipal 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 Fernandina Beach Municipal Airport, and
- Provide the estimated costs associated with the suggested immediate and future M&R activities

During April 2012, the PCI survey was performed at Fernandina Beach Municipal Airport. The results of the survey indicate that, based on a numerical scale of 0 to 100, the overall area-weighted average PCI of the airfield pavements in 2012 is 84, 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
North Apron - Terminal	56	0-89	Fair	65	65	X
Northwest Apron	51	46-56	Poor	65	65	X
North Run Up Apron	93	93	Good	65	65	
T-Hangar Apron	68	60-88	Fair	65	65	X
Runway 13-31	100	100	Good	75	65	
Runway 4-22	73	73	Satisfactory	75	65	
Runway 9-27	87	85-95	Good	75	65	
Runway 9-27 WT	92	91-93	Good	75	65	
Taxiway Alpha	86	80-100	Satisfactory	65	65	
Taxiway Bravo	98	63-100	Good	65	65	X
Taxiway Charlie	97	84-100	Good	65	65	
Taxiway Charlie WT	92	90-93	Good	65	65	
Taxiway Delta	82	72-92	Satisfactory	65	65	
Taxiway Echo	100	100	Good	65	65	
Taxiway to West Apron	68	68	Fair	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	86	Good
Taxiway	90	Good
Apron	59	Fair
All (Weighted)	**82**	**Satisfactory**

Use	Average Area-Weighted PCI	Condition Rating
Runway 9-27	91-93	Good
Taxiway Charlie	90-93	Good

Note: This taxiway and apron have whitetopping pavement

Table III: Condition Summary by Pavement Rank

Rank*	Average Area-Weighted PCI	Condition Rating
Primary	81	Satisfactory
Secondary	92	Good
Tertiary	88	Good
All (Weighted)	**84**	**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 Fernandina Beach Municipal Airport, include: North Apron – Terminal, Northwest Apron, T-Hangar Apron, and Taxiway Bravo. Asphalt pavement conditions in these areas justify either mill and overlay rehabilitation activity or full pavement reconstruction. Portland cement concrete pavement conditions in North Apron - Terminal would benefit from full PCC pavement reconstruction. The immediate needs are summarized in Table IV below.

Table IV: Immediate Major M&R Needs

Branch Name	Section ID	Surface Type	Section Area (ft^2)	Major M&R Costs*	PCI Before M&R	M&R Activity	PCI After M&R
North Apron - Terminal	4205	AC	32,000	$243,520.12	42	Mill and Overlay	100
North Apron - Terminal	4210	PCC	24,000	$445,679.97	2	Reconstruction	100
North Apron - Terminal	4215	AC	160,000	$966,080.48	54	Mill and Overlay	100
North Apron - Terminal	4220	PCC	24,000	$445,679.97	0	Reconstruction	100
Northwest Apron	4105	AC	10,200	$77,622.04	46	Mill and Overlay	100
Northwest Apron	4110	AC	12,200	$64,074.43	56	Mill and Overlay	100
T-Hangar Apron	4310	AC	50,750	$186,760.04	60	Mill and Overlay	100
Taxiway Bravo	216	AAC	2,618	$7,450.83	63	Mill and Overlay	100
			Total	**$2,436,867.88**	**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	$91,443.74	$2,436,867.87	$2,528,311.61
2013	$166,071.60	$0.00	$166,071.60
2014	$214,721.34	$0.00	$214,721.34
2015	$262,602.01	$17,296.94	$279,898.95
2016	$303,734.88	$0.00	$303,734.88
2017	$210,813.11	$1,531,674.52	$1,742,487.64
2018	$249,357.33	$0.00	$249,357.33
2019	$294,856.65	$0.00	$294,856.65
2020	$341,647.69	$0.00	$341,647.69
2021	$406,582.87	$11,459.25	$418,042.12
Total	**$2,541,831.22**	**$3,997,298.58**	**$6,539,129.81**

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 only decrease from 84 in 2012 to 76 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 Fernandina Beach Municipal Airport pavements in 2021 may remain near 76. 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 Fernandina Beach Municipal 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, MACTEC Engineering and Consulting 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.

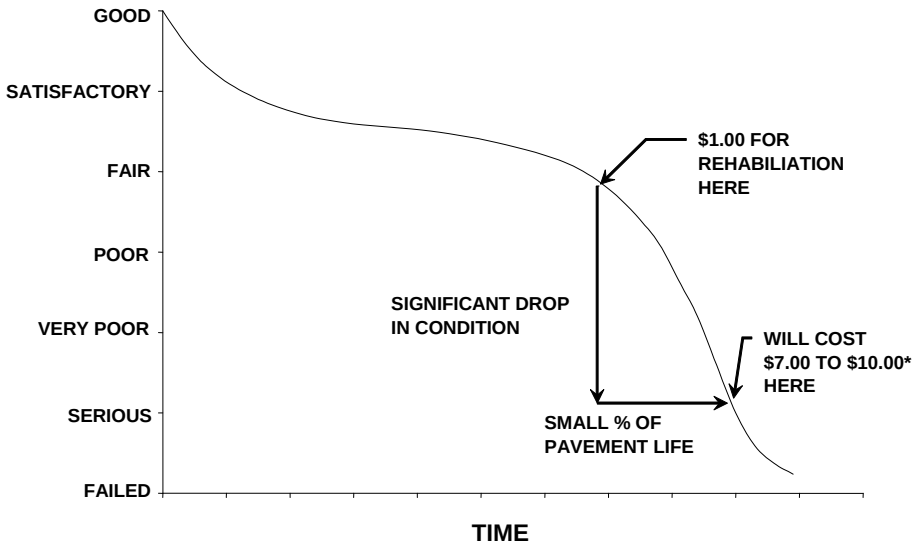
A small percentage of the airport pavements in Florida are composed of asphalt concrete surface over Portland Cement Concrete (APC). This pavement type is known as “composite” pavement.

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

Fernandina Beach Municipal Airport (FHB) is located approximately 3 miles south of Fernandina Beach, Florida. Overseen by an advisory board appointed by the City Commission, this airport focuses primarily on business/corporate, flight training, and recreational/sport operations. Fernandina Beach Municipal Airport is currently served by three runways: Runway 4-22 with a length of 5,301 ft and a width of 100 ft, Runway 9-27 with a length of 5,000 ft and a width of 100 ft, and Runway 13-31 with a length of 5,152 and a width of 100 ft. All runways are served by full-length parallel taxiways. The GA terminal and apron is located on the north side of the property. Sections within Runway 9-27 and taxiway Charlie are constructed of Portland cement concrete or white topping pavement. All other Airport runways, taxiways and aprons are constructed of asphalt concrete pavement, with the exception of two apron sections constructed of Portland cement concrete. This airport is designated as a Regional Reliever airport and is located in District 2 of the Florida Department of Transportation.

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

The airport was developed as a training facility by the United States Navy during World War II as part of the Naval Air Station Jacksonville complex. The airport was transferred to the City of Fernandina Beach in 1946. It is occasionally used as a practice airfield by Navy helicopters from NAS Jacksonville and Naval Station Mayport as well as US Coast Guard and Florida Army National Guard helicopters from Cecil Field.

2.1 Network Definition

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

2.1.1 *Branch Section Identification*

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

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

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

2.1.2 *System Inventory and Network Definition Update*

The System Inventory and Network Definition drawings are used to identify changes in the network since the most recent update from the 2006/2008 inspections and also to plan the field inspection activities for the 2012 survey. Prior to the field inspection process, the System Inventory drawing was updated from the previous inspection with notes indicating recent construction projects on the various Sections of pavement throughout the airfield. This System Inventory drawing is used to update the Network Definition drawing.

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

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

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

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

Construction Year	Location	Work Type / Pavement Section
2009	Taxiway Charlie	New Construction
2009	Taxiway Bravo and Section 310 of Taxiway Alpha	Complete taxiway mill and overlay
2010	Runway 13-31	Complete runway mill and overlay including intersection at Taxiway Charlie
2010	Taxiway Echo	New construction
2011	Runway 9-27	Eliminated runway shoulders. Return to grass

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 138 sample units.

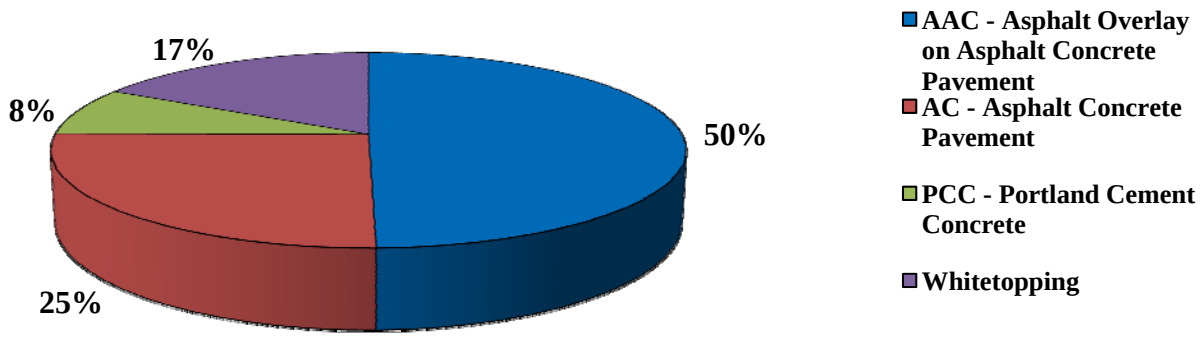
The total airfield pavement area in 2012 at Fernandina Beach Municipal Airport is 2,817,303 square feet. The breakdown of pavement area for each pavement use is provided in Table 2-2.

Table 2-2: Pavement Area by Pavement Use

Use	Area (ft^2)	% of Total Area
Runway	1,542,200	55%
Taxiway	818,097	29%
Apron	457,006	16%
All (Weighted)	**2,817,303**	**100%**

Figure 2-1 presents the breakdown of the pavement area at Fernandina Beach Municipal 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
North Apron - Terminal	AP N	4205	32,000	P	AC	1/1/1987	1	6
North Apron - Terminal	AP N	4210	24,000	P	PCC	1/1/1944	1	4
North Apron - Terminal	AP N	4215	160,000	P	AC	1/1/1993	4	32
North Apron - Terminal	AP N	4220	24,000	P	PCC	1/1/1944	1	4
North Apron - Terminal	AP N	4240	113,740	T	AC	1/1/2004	3	25
Northwest Apron	AP NW	4105	10,200	P	AC	1/1/2000	1	2
Northwest Apron	AP NW	4110	12,200	P	AC	1/1/1987	1	3
North Run Up Apron	AP RU N	4510	7,616	T	AC	1/1/2004	1	2
T-Hangar Apron	AP T-HANG	4305	22,500	P	AC	12/25/2000	1	9
T-Hangar Apron	AP T-HANG	4310	50,750	P	AC	12/25/1999	3	22
Runway 13-31	RW 13-31	6205	12,000	P	AAC	1/1/2010	1	3
Runway 13-31	RW 13-31	6210	11,000	P	AAC	1/1/2010	1	2
Runway 13-31	RW 13-31	6215	493,200	P	AAC	1/1/2010	17	90
Runway 13-31	RW 13-31	6225	16,500	P	AAC	1/1/2010	2	5
Runway 4-22	RW 4-22	6105	514,500	P	AAC	1/1/2004	20	102
Runway 9-27	RW 9-27	6305	85,000	T	PCC	1/1/2004	2	18
Runway 9-27	RW 9-27	6315	250,000	S	WT	1/1/2004	11	50
Runway 9-27	RW 9-27	6317	89,000	S	WT	1/1/2004	5	18
Runway 9-27	RW 9-27	6330	41,000	S	WT	1/1/2004	2	8
Runway 9-27	RW 9-27	6335	30,000	S	PCC	1/1/2004	2	6
Taxiway Alpha	TW A	310	11,000	P	AAC	1/1/2010	1	2
Taxiway Alpha	TW A	315	32,500	P	AAC	1/1/2004	2	7
Taxiway Alpha	TW A	320	29,100	P	AAC	1/1/2004	2	7
Taxiway Alpha	TW A	325	71,000	P	AC	1/1/2004	2	14
Taxiway Alpha	TW A	330	8,400	P	AAC	1/1/2004	1	3
Taxiway Alpha	TW A	335	42,875	P	AAC	1/1/2004	4	12
Taxiway Alpha	TW A	340	9,025	P	AC	1/1/1944	1	3
Taxiway Alpha	TW A	350	22,500	P	AAC	1/1/1996	1	5
Taxiway Bravo	TW B	205	7,250	P	AAC	1/1/2010	1	2
Taxiway Bravo	TW B	210	94,500	P	AAC	1/1/2010	4	27
Taxiway Bravo	TW B	215	2,600	P	AAC	1/1/2010	1	1
Taxiway Bravo	TW B	216	2,618	P	AAC	1/1/2010	1	1
Taxiway Bravo	TW B	220	13,000	P	AAC	1/1/2010	1	4
Taxiway Bravo	TW B	225	1,738	P	AAC	1/1/2010	1	1
Taxiway Bravo	TW B	226	2,200	P	APC	1/1/2010	1	1
Taxiway Bravo	TW B	230	27,150	P	AAC	1/1/2010	2	7

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	235	23,650	P	AAC	1/1/2010	2	6
Taxiway Charlie	TW C	105	38,250	P	WT	1/1/2004	2	13
Taxiway Charlie	TW C	110	48,500	P	WT	1/1/2004	3	12
Taxiway Charlie	TW C	115	9,929	P	WT	1/1/2004	1	2
Taxiway Charlie	TW C	120	5,000	P	AAC	1/1/2010	1	2
Taxiway Charlie	TW C	125	35,197	P	PCC	1/1/2010	1	8
Taxiway Charlie	TW C	130	10,000	P	PCC	1/1/2004	1	2
Taxiway Charlie	TW C	140	15,000	P	PCC	1/1/2004	1	3
Taxiway Charlie	TW C	145	9,211	P	AC	1/1/2004	1	1
Taxiway Delta	TW D	405	10,250	P	AC	1/1/2004	1	2
Taxiway Delta	TW D	410	30,000	P	AC	1/1/1944	2	6
Taxiway Delta	TW D	412	8,500	P	AAC	1/1/1996	1	3
Taxiway Delta	TW D	415	11,500	P	AC	1/1/2004	2	3
Taxiway Delta	TW D	417	13,900	P	AAC	1/1/1996	1	3
Taxiway Delta	TW D	420	59,700	P	AC	1/1/2004	3	12
Taxiway Delta	TW D	425	4,620	P	AAC	1/1/2004	1	1
Taxiway Delta	TW D	426	5,200	P	AAC	1/1/2004	1	2
Taxiway Delta	TW D	430	17,500	P	AC	1/1/2004	2	4
Taxiway Delta	TW D	435	3,420	P	AC	1/1/2004	1	1
Taxiway Echo	TW E	510	75,150	P	AC	1/1/2011	2	15
Taxiway to West Apron	TW W AP	505	6,164	P	AC	1/1/1987	2	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 Fernandina Beach Municipal Airport were performed in April 2012. Data was recorded in the field in accordance with FAA Advisory Circular 150/5380-6B "Guidelines and Procedures for Maintenance of Airport Pavements" and ASTM D 5340 "Standard Test Method for Airport Pavement Condition Index Surveys" (2004).

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

3.2 Pavement Condition Index Results

According to the 2012 survey, the overall area-weighted PCI at Fernandina Beach Municipal Airport is 83, representing a Satisfactory overall network condition.

The asphalt concrete of Runway 4-22 exhibited low to medium severity weathering and raveling, low to medium severity swelling, along with low to medium severity longitudinal and transverse cracking. There is a small amount of low severity rutting and patching observed on this runway as well. The above distresses are attributed to climate, subgrade quality and age of the pavement. The PCC pavement sections of Runway 9-27 exhibited low to medium severity scaling, low severity joint seal damage, low severity small patching, and high severity joint spalling. These PCC distresses are attributed to climate, construction repairs and load applied on the pavement. Runway 13-31 was rehabilitated in 2010 and the full surface is new.

The whitetopping sections of Runway 9-27 exhibited low and high severity small patching, scaling, joint spalling, and corner spalling.

A total of 24 sample units were evaluated on Runway 9-27 and Taxiway Charlie. The PCI of the whitetopping ranged from 89 to 93 based on the age and observed conditions. Preventive maintenance is suggested to correct the minor issues that were observed on the runway and taxiway.

Taxiways throughout the airfield exhibited low severity bleeding, medium severity block cracking, low to high severity longitudinal and transverse cracking, low to medium severity weathering and raveling, low to high severity swelling, low severity depression, and low severity patching. The above distresses are attributed to climate, subgrade quality, age of the pavement, and pavement repairs conducted. PCC pavement sections exhibited low severity joint seal damage and low severity small patching. The above PCC distresses are attributed to climate and pavement repairs conducted. The whitetopping sections of Taxiway Charlie exhibited low and high severity small patching, scaling, joint spalling, and corner spalling.

The asphalt pavement of the aprons exhibited low to medium severity block cracking, low to medium severity weathering and raveling, low to medium severity longitudinal and transverse cracking, low severity depression, low severity patching, oil spillage, and low severity swelling. The PCC pavement sections of North Apron – Terminal exhibited low to high severity shattered slabs, low to high severity linear cracking, low to high severity joint seal damage, low to high severity faulting, low to medium severity scaling, low severity corner spalling, and low severity joint spalling. The high severity distresses observed are due to the age of the pavements, climate and the load applied on these pavements.

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 Fernandina Beach Municipal Airport.

Figure 3-1: Network PCI Distribution by Rating Category

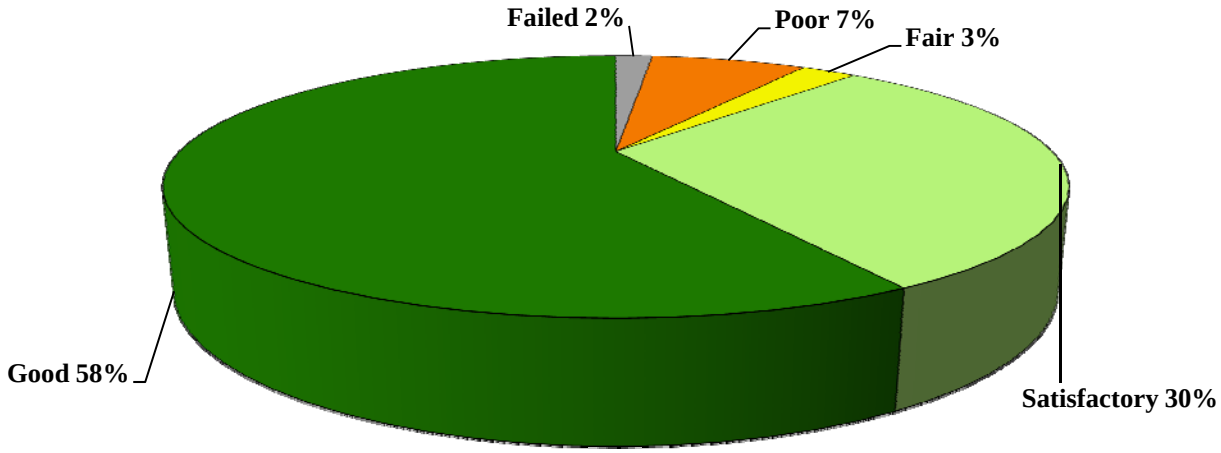


Figure 3-1a: Condition Rating Summary

Condition Rating	Total Area (ft^2)	Percent
Good	1,646,882	58%
Satisfactory	848,489	30%
Fair	71,732	3%
Poor	202,200	7%
Very Poor	0	0%
Serious	0	0%
Failed	48,000	2%

Approximately 88% of the network is in Good and Satisfactory condition while 10% of the network is in Fair and Poor condition and 2% of the network is in Failed 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	86	Good
Taxiway	90	Good
Apron	59	Fair
All (Weighted)	**82**	**Satisfactory**

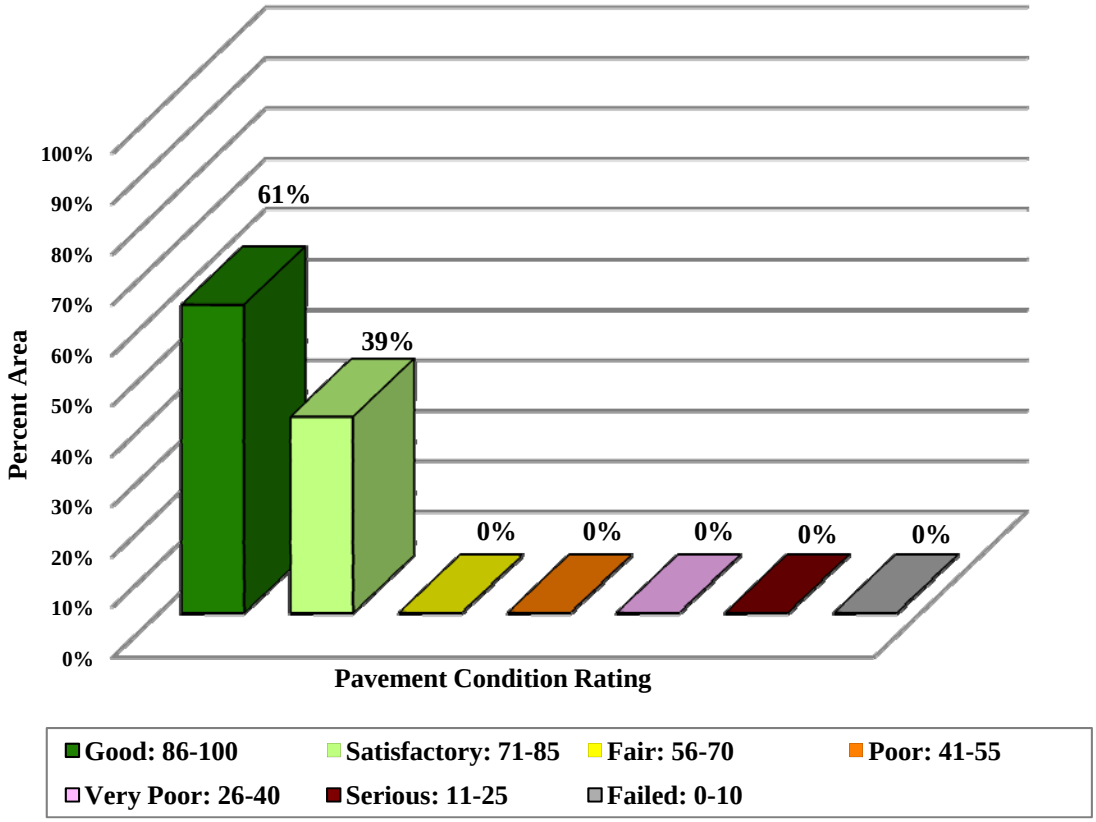
Use	Average Area-Weighted PCI	Condition Rating
Runway 9-27	91-93	Good
Taxiway Charlie	90-93	Good

Note: This taxiway and apron have whitetopping pavement

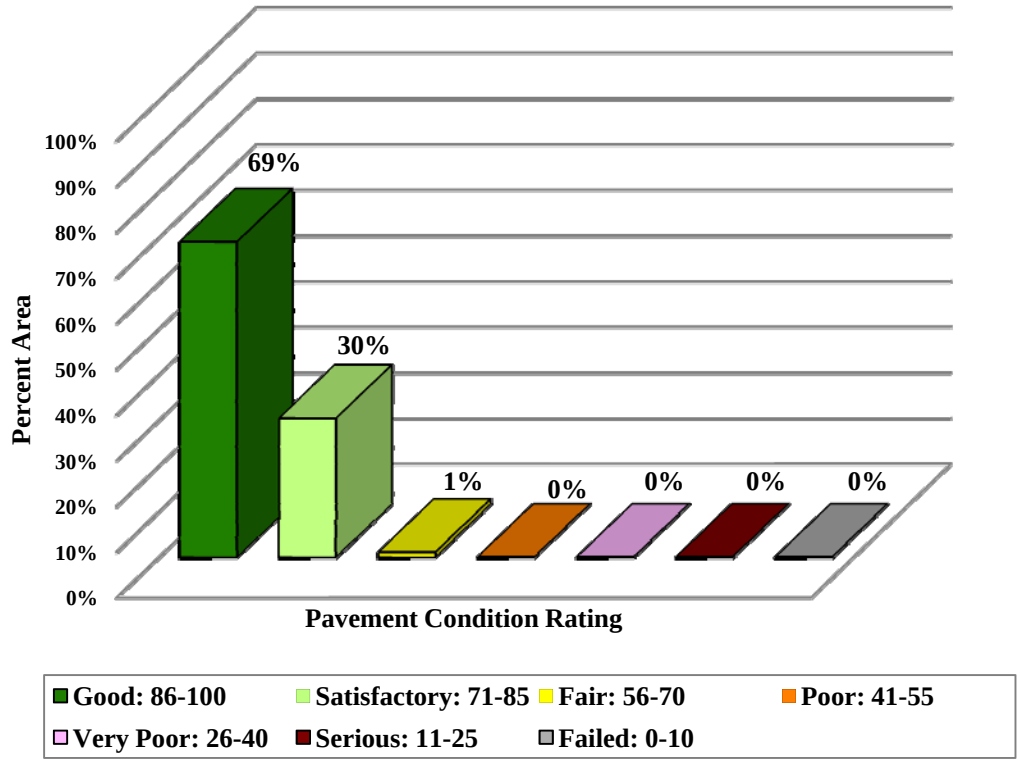
Figure 3-2 presents the breakdown of PCI by range for each pavement use.

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

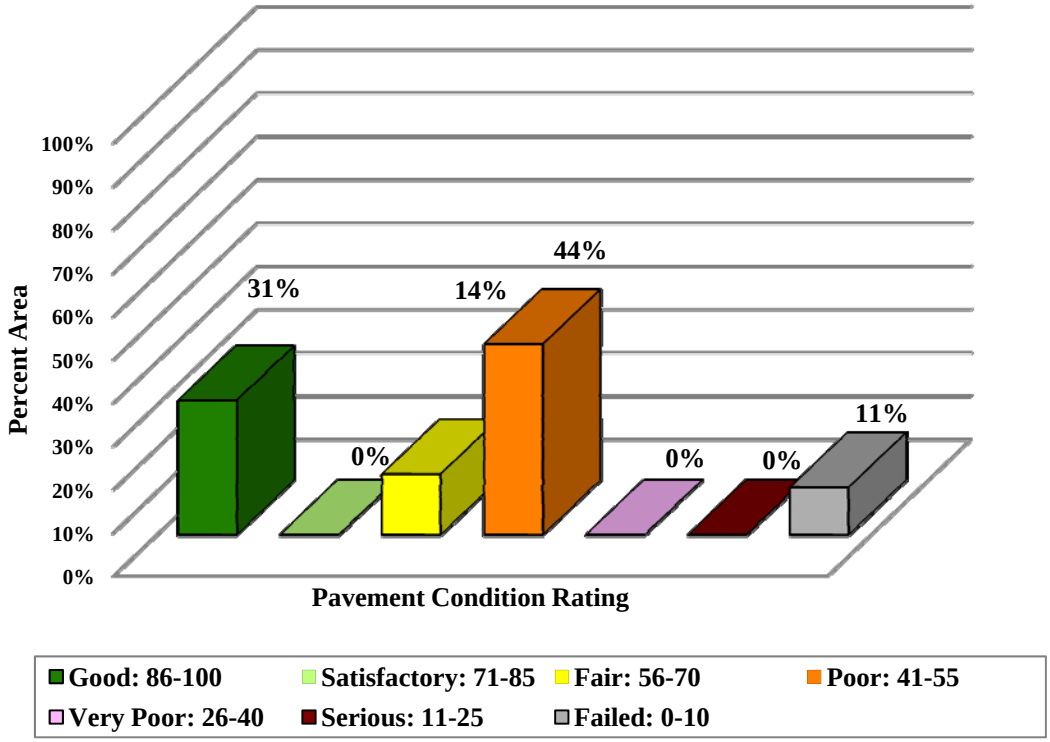
(a) Runway



(b) Taxiway



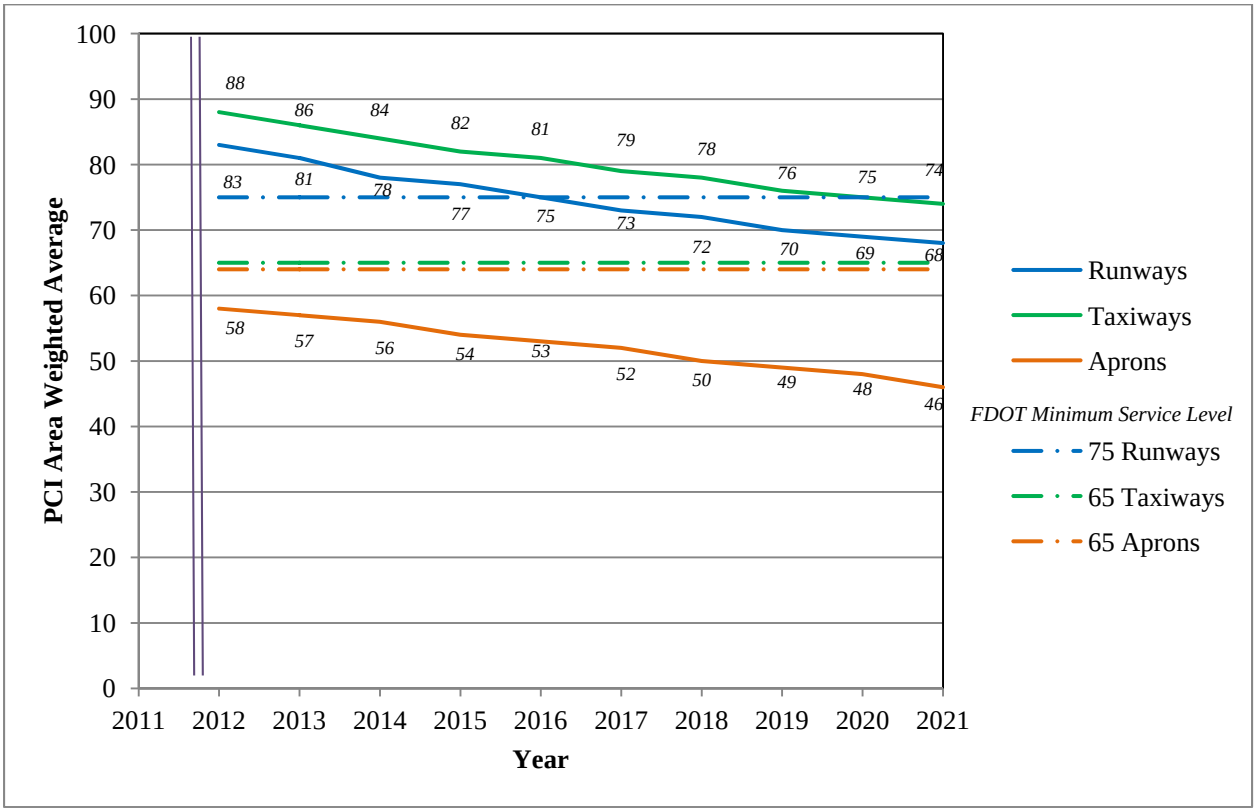
(c) Apron



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 Fernandina Beach Municipal Airport based on current condition, age since last construction and the deterioration model appropriate for the type of pavement. The figure presents the forecast for each pavement use and displays the FDOT minimum service level for Regional Reliever (RL) airports.

Figure 4-1: Predicted PCI by Pavement Use



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

5. MAINTENANCE POLICIES AND COSTS

5.1 Policies

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

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

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

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

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

Table 5-1: Routine Maintenance Activities for Airfield Pavements

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

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

Table 5-2: Critical PCI for Regional Reliever Airports

Use	Critical PCI
Runway	65
Taxiway	65
Apron	65

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

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

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

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

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

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

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

5.2 Unit Costs

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

5.3 M&R Activities

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

Table 5-5: Maintenance Unit Costs for FDOT

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

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

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

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

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

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

6. PAVEMENT REHABILITATION NEEDS ANALYSIS

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

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

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

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

Branch Name	Section ID	Surface Type	Section Area (ft^2)	Major M&R Costs*	PCI Before M&R	M&R Activity	PCI After M&R
North Apron - Terminal	4205	AC	32,000	$243,520.12	42	Mill and Overlay	100
North Apron - Terminal	4210	PCC	24,000	$445,679.97	2	Reconstruction	100
North Apron - Terminal	4215	AC	160,000	$966,080.48	54	Mill and Overlay	100
North Apron - Terminal	4220	PCC	24,000	$445,679.97	0	Reconstruction	100
Northwest Apron	4105	AC	10,200	$77,622.04	46	Mill and Overlay	100
Northwest Apron	4110	AC	12,200	$64,074.43	56	Mill and Overlay	100
T-Hangar Apron	4310	AC	50,750	$186,760.04	60	Mill and Overlay	100
Taxiway Bravo	216	AAC	2,618	$7,450.83	63	Mill and Overlay	100
			Total	**$2,436,867.88**	**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
North Apron - Terminal	4205	AC	32,000	$20,800.00	42	Microsurfacing	100
North Apron - Terminal	4210	PCC	24,000	$445,679.97	2	Reconstruction	100
North Apron - Terminal	4215	AC	160,000	$104,000.00	54	Microsurfacing	100
North Apron - Terminal	4220	PCC	24,000	$445,679.97	0	Reconstruction	100
Northwest Apron	4105	AC	10,200	$6,630.00	46	Microsurfacing	100
Northwest Apron	4110	AC	12,200	$7,930.00	56	Microsurfacing	100
T-Hangar Apron	4310	AC	50,750	$32,987.50	60	Microsurfacing	100
Taxiway Bravo	216	AAC	2,618	$1,701.70	63	Microsurfacing	100
			Total	**$1,065,409.14**	**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

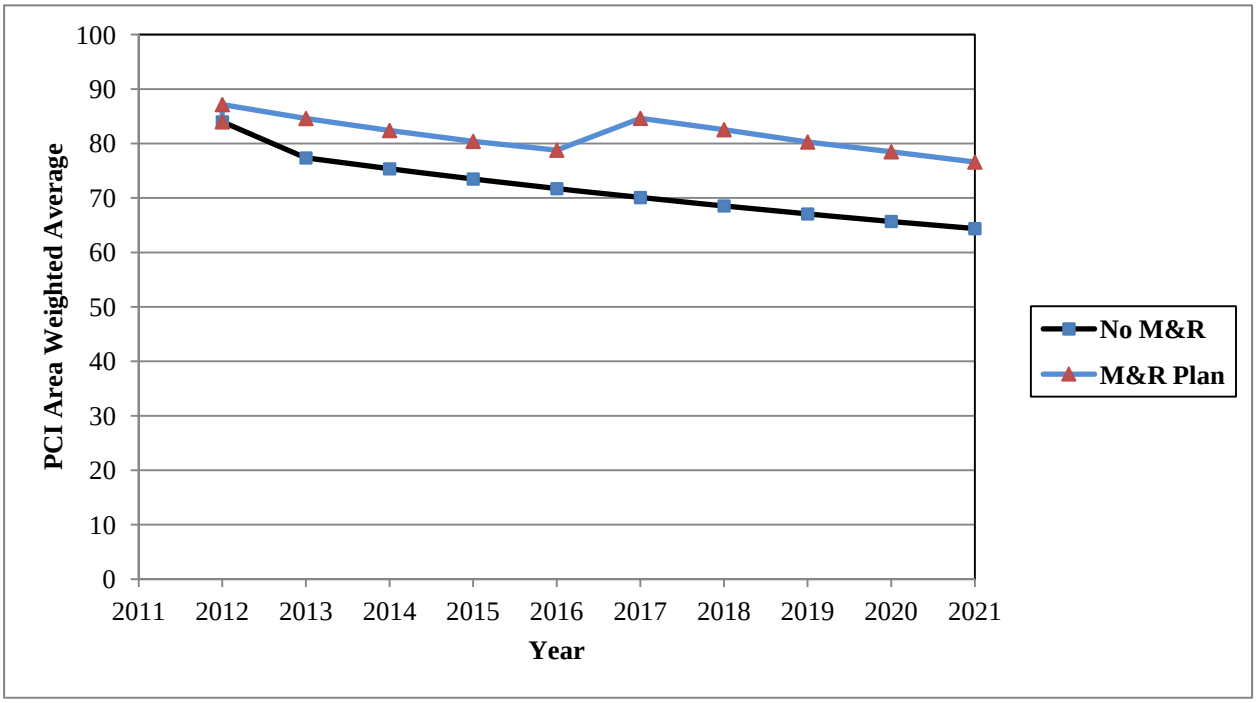
Branch Name	Branch ID	Section ID	Distress Description	Distress Severity	Work Description	Work Quantity	Work Unit	Unit Cost	Work Cost
North Apron - Terminal	AP N	4240	WEATH/RAVEL	L	Surface Seal - Rejuvenating	10,133.20	SqFt	$0.40	$4,053.30
North Run Up Apron	AP RU N	4510	WEATH/RAVEL	L	Surface Seal - Rejuvenating	706.60	SqFt	$0.40	$282.62
T-Hangar Apron	AP T-HANG	4305	WEATH/RAVEL	L	Surface Seal - Rejuvenating	2,477.40	SqFt	$0.40	$990.96
Runway 4-22	RW 4-22	6105	SWELLING	M	Patching - AC Deep	2,243.40	SqFt	$4.90	$10,992.79
Runway 4-22	RW 4-22	6105	WEATH/RAVEL	M	Surface Seal - Coat Tar	250.80	SqFt	$0.40	$100.34
Runway 4-22	RW 4-22	6105	WEATH/RAVEL	L	Surface Seal - Rejuvenating	107,409.40	SqFt	$0.40	$42,964.12
Runway 4-22	RW 4-22	6105	L & T CR	M	Crack Sealing - AC	1,585.30	Ft	$2.25	$3,566.94
Runway 9-27	RW 9-27	6305	JOINT SPALL	H	Patching - PCC Partial Depth	68.60	SqFt	$19.06	$1,307.90
Taxiway Alpha	TW A	315	WEATH/RAVEL	L	Surface Seal - Rejuvenating	2,929.20	SqFt	$0.40	$1,171.68
Taxiway Alpha	TW A	320	WEATH/RAVEL	L	Surface Seal - Rejuvenating	2,288.00	SqFt	$0.40	$915.21
Taxiway Alpha	TW A	325	WEATH/RAVEL	L	Surface Seal - Rejuvenating	4,895.30	SqFt	$0.40	$1,958.15
Taxiway Alpha	TW A	330	WEATH/RAVEL	L	Surface Seal - Rejuvenating	443.90	SqFt	$0.40	$177.55
Taxiway Alpha	TW A	335	WEATH/RAVEL	L	Surface Seal - Rejuvenating	2,601.10	SqFt	$0.40	$1,040.44
Taxiway Alpha	TW A	340	WEATH/RAVEL	L	Surface Seal - Rejuvenating	592.00	SqFt	$0.40	$236.81
Taxiway Alpha	TW A	350	WEATH/RAVEL	L	Surface Seal - Rejuvenating	9,708.20	SqFt	$0.40	$3,883.30
Taxiway Bravo	TW B	215	WEATH/RAVEL	L	Surface Seal - Rejuvenating	166.00	SqFt	$0.40	$66.39
Taxiway Bravo	TW B	225	WEATH/RAVEL	L	Surface Seal - Rejuvenating	261.30	SqFt	$0.40	$104.51
Taxiway Bravo	TW B	226	WEATH/RAVEL	M	Surface Seal - Coat Tar	13.70	SqFt	$0.40	$5.47
Taxiway Bravo	TW B	226	WEATH/RAVEL	L	Surface Seal - Rejuvenating	393.10	SqFt	$0.40	$157.26
Taxiway Charlie	TW C	145	WEATH/RAVEL	L	Surface Seal - Rejuvenating	555.70	SqFt	$0.40	$222.30
Taxiway Delta	TW D	405	WEATH/RAVEL	L	Surface Seal - Rejuvenating	590.90	SqFt	$0.40	$236.38
Taxiway Delta	TW D	410	WEATH/RAVEL	L	Surface Seal - Rejuvenating	14,458.40	SqFt	$0.40	$5,783.40
Taxiway Delta	TW D	412	WEATH/RAVEL	L	Surface Seal - Rejuvenating	2,954.50	SqFt	$0.40	$1,181.79
Taxiway Delta	TW D	412	WEATH/RAVEL	M	Surface Seal - Coat Tar	43.80	SqFt	$0.40	$17.51

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 Delta	TW D	415	WEATH/RAVEL	L	Surface Seal - Rejuvenating	746.30	SqFt	$0.40	$298.53
Taxiway Delta	TW D	417	WEATH/RAVEL	L	Surface Seal - Rejuvenating	1,517.80	SqFt	$0.40	$607.14
Taxiway Delta	TW D	420	WEATH/RAVEL	L	Surface Seal - Rejuvenating	13,461.40	SqFt	$0.40	$5,384.59
Taxiway Delta	TW D	425	WEATH/RAVEL	L	Surface Seal - Rejuvenating	1,687.30	SqFt	$0.40	$674.93
Taxiway Delta	TW D	426	WEATH/RAVEL	L	Surface Seal - Rejuvenating	891.30	SqFt	$0.40	$356.52
Taxiway Delta	TW D	426	WEATH/RAVEL	M	Surface Seal - Coat Tar	71.90	SqFt	$0.40	$28.75
Taxiway Delta	TW D	430	WEATH/RAVEL	L	Surface Seal - Rejuvenating	2,468.20	SqFt	$0.40	$987.29
Taxiway Delta	TW D	435	WEATH/RAVEL	L	Surface Seal - Rejuvenating	748.30	SqFt	$0.40	$299.32
Taxiway to West Apron	TW W AP	505	WEATH/RAVEL	M	Surface Seal - Coat Tar	33.00	SqFt	$0.40	$13.21
Taxiway to West Apron	TW W AP	505	L & T CR	M	Crack Sealing - AC	18.70	Ft	$2.25	$42.12
Taxiway to West Apron	TW W AP	505	WEATH/RAVEL	L	Surface Seal - Rejuvenating	3,335.50	SqFt	$0.40	$1,334.20
								Total =	$91,443.72

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 84 in 2012 to an average of 64 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 76 through the 10-year analysis period under the unlimited budget scenario. A 2021 PCI average of 76 with this scenario is 12 PCI points higher than a "No M&R" scenario. The total cost for Major M&R over this 10-year period is about $4.0 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	$91,443.74	$2,436,867.87	$2,528,311.61
2013	$166,071.60	$0.00	$166,071.60
2014	$214,721.34	$0.00	$214,721.34
2015	$262,602.01	$17,296.94	$279,898.95
2016	$303,734.88	$0.00	$303,734.88
2017	$210,813.11	$1,531,674.52	$1,742,487.64
2018	$249,357.33	$0.00	$249,357.33
2019	$294,856.65	$0.00	$294,856.65
2020	$341,647.69	$0.00	$341,647.69
2021	$406,582.87	$11,459.25	$418,042.12
Total	**$2,541,831.22**	**$3,997,298.58**	**$6,539,129.81**

Note: Costs are adjusted for inflation.

Approximately 61% of the total Major M&R cost is required in the first year (2012). According to the 2012 inspections, the following pavement sections were in immediate need of Major M&R Activity:

- **North Apron – Terminal** – Asphalt pavement mill and overlay along with PCC reconstruction.
- **Northwest Apron** – Asphalt pavement mill and overlay.
- **T-Hangar Apron** – Asphalt pavement mill and overlay.
- **Taxiway Bravo** – Asphalt pavement mill and overlay.

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

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

8. VISUAL AIDS

8.1 System Inventory and Network Definition Drawings

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

8.2 Condition Map

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

8.3 10-Year M&R Map

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

8.4 Photographs

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

9. RECOMMENDATIONS

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

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

- **North Apron – Terminal** – Asphalt pavement mill and overlay along with PCC reconstruction.
- **Northwest Apron** – Asphalt pavement mill and overlay.
- **T-Hangar Apron** – Asphalt pavement mill and overlay.
- **Taxiway Bravo** – Asphalt pavement mill and overlay.

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

APPENDIX A

NETWORK DEFINITION MAP

SYSTEM INVENTORY MAP

PAVEMENT INVENTORY TABLE

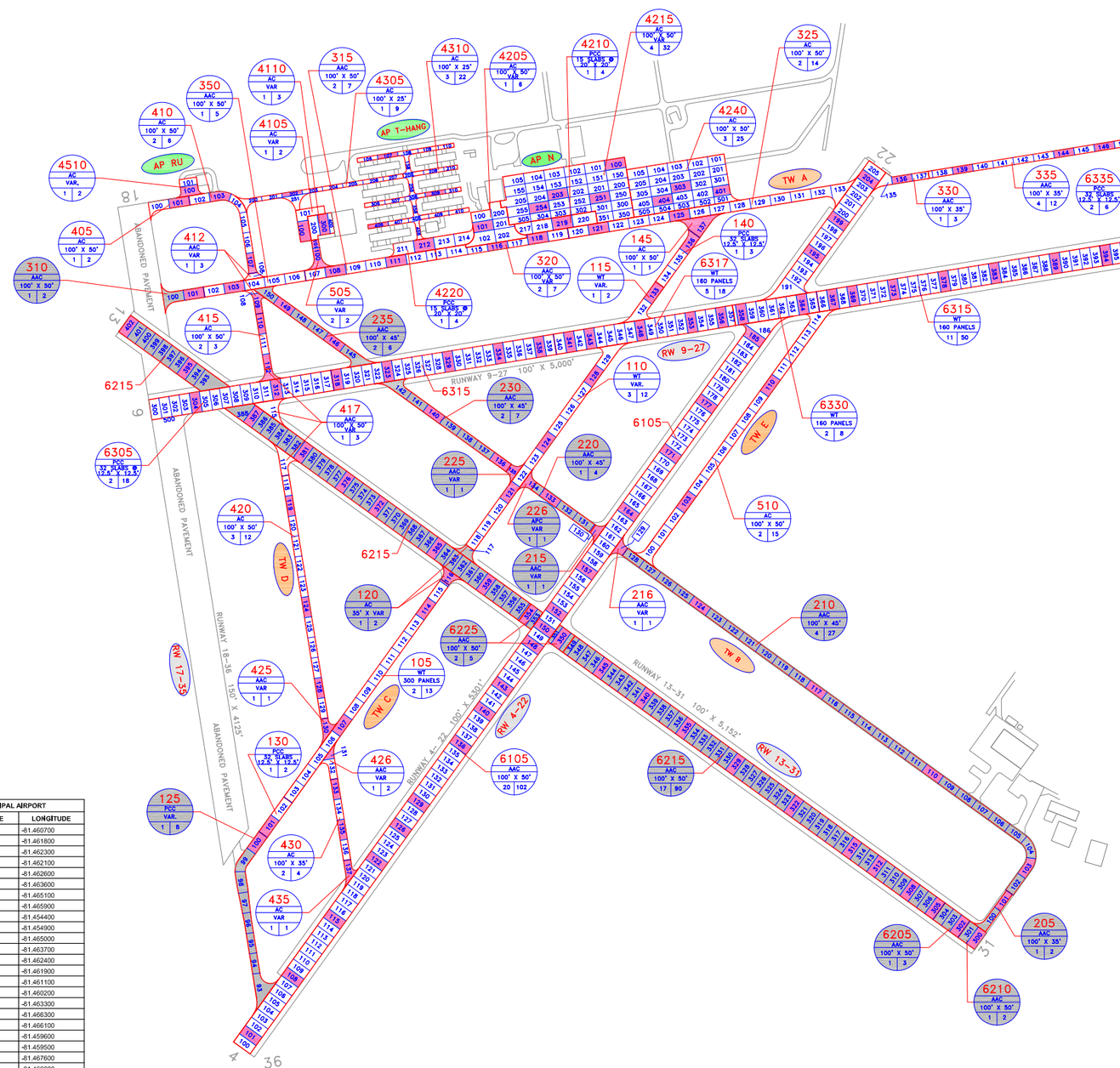
WORK HISTORY REPORT

GPS COORDINATES - FERNANDINA BEACH MUNICIPAL AIRPORT				
LOCATION	SECTION	SAMPLE	LATITUDE	LONGITUDE
AP N	4105	100	30.615800	-81.465600
AP N	4110	300	30.615800	-81.465300
AP N	4205	101	30.615800	-81.462800
AP N	4210	219	30.615900	-81.461600
AP N	4215	100	30.616700	-81.460800
AP N	4215	203	30.616300	-81.461700
AP N	4215	251	30.616200	-81.461000
AP N	4215	254	30.616100	-81.462000
AP N	4220	212	30.615600	-81.463800
AP N	4240	303	30.616400	-81.459800
AP N	4240	401	30.616300	-81.459100
AP N	4240	404	30.616200	-81.460100
AP RU	4510	100	30.616300	-81.467400
AP T-HANG	4305	202	30.616300	-81.465800
AP T-HANG	4310	107	30.616800	-81.464300
AP T-HANG	4310	309	30.616300	-81.463600
AP T-HANG	4310	406	30.615800	-81.464500
RW 13-31	6205	302	30.606500	-81.455400
RW 13-31	6210	300	30.606300	-81.455100
RW 13-31	6215	305	30.606700	-81.455800
RW 13-31	6215	308	30.606900	-81.456200
RW 13-31	6215	312	30.607300	-81.456700
RW 13-31	6215	315	30.607500	-81.457100
RW 13-31	6215	322	30.608100	-81.458000
RW 13-31	6215	329	30.608600	-81.458900
RW 13-31	6215	335	30.609100	-81.459700
RW 13-31	6215	340	30.609500	-81.460300
RW 13-31	6215	345	30.609900	-81.461000
RW 13-31	6215	359	30.611000	-81.462800
RW 13-31	6215	365	30.611500	-81.463500
RW 13-31	6215	372	30.612100	-81.464400
RW 13-31	6215	376	30.612400	-81.465000
RW 13-31	6215	381	30.612800	-81.465600
RW 13-31	6215	387	30.613200	-81.466400
RW 13-31	6215	395	30.613900	-81.467400
RW 13-31	6215	402	30.614500	-81.468300
RW 13-31	6225	350	30.610300	-81.461600
RW 13-31	6225	354	30.610600	-81.462100
RW 4-22	6105	101	30.605000	-81.466400
RW 4-22	6105	108	30.605700	-81.465700
RW 4-22	6105	115	30.606500	-81.465100
RW 4-22	6105	122	30.607300	-81.464400
RW 4-22	6105	126	30.607800	-81.464100
RW 4-22	6105	129	30.608100	-81.463800
RW 4-22	6105	136	30.608900	-81.463200
RW 4-22	6105	140	30.609300	-81.462800
RW 4-22	6105	143	30.609700	-81.462500
RW 4-22	6105	148	30.610200	-81.462000
RW 4-22	6105	150	30.610400	-81.461900
RW 4-22	6105	152	30.610700	-81.461700
RW 4-22	6105	157	30.611200	-81.461200
RW 4-22	6105	164	30.612000	-81.460600
RW 4-22	6105	171	30.612800	-81.459900
RW 4-22	6105	177	30.613500	-81.459400
RW 4-22	6105	185	30.614300	-81.458600
RW 4-22	6105	195	30.615500	-81.457700
RW 4-22	6105	199	30.615900	-81.457300
RW 4-22	6105	204	30.616500	-81.456900
RW 8-26	6305	304	30.613500	-81.467300
RW 8-26	6305	312	30.613600	-81.466000
RW 8-26	6310	112	30.613800	-81.466000
RW 8-26	6310	504	30.613300	-81.467000
RW 8-26	6315	318	30.613800	-81.465100
RW 8-26	6315	323	30.613900	-81.464300
RW 8-26	6315	329	30.614000	-81.463400
RW 8-26	6315	334	30.614100	-81.462600
RW 8-26	6315	338	30.614200	-81.462000
RW 8-26	6315	367	30.614900	-81.457400
RW 8-26	6315	369	30.614900	-81.457100
RW 8-26	6315	373	30.615000	-81.456500
RW 8-26	6315	378	30.615100	-81.455700
RW 8-26	6315	383	30.615200	-81.454900
RW 8-26	6315	389	30.615400	-81.454000
RW 8-26	6317	341	30.614300	-81.461500
RW 8-26	6317	343	30.614300	-81.461200
RW 8-26	6317	348	30.614400	-81.460400
RW 8-26	6317	353	30.614600	-81.459600
RW 8-26	6317	356	30.614600	-81.459100
RW 8-26	6320	120	30.614000	-81.464600
RW 8-26	6320	140	30.614500	-81.461400
RW 8-26	6320	180	30.615400	-81.455200
RW 8-26	6320	524	30.613800	-81.463700
RW 8-26	6320	536	30.614000	-81.462000
RW 8-26	6320	544	30.614200	-81.460600
RW 8-26	6320	568	30.614800	-81.457000
RW 8-26	6320	588	30.615200	-81.453800
RW 8-26	6325	160	30.614900	-81.458400
RW 8-26	6325	564	30.614600	-81.457800
RW 8-26	6330	364	30.614800	-81.457900
RW 8-26	6335	394	30.615500	-81.453200
RW 8-26	6335	398	30.615600	-81.452500
RW 8-26	6340	196	30.615700	-81.452500
TW A	310	101	30.614900	-81.467300
TW A	315	108	30.615200	-81.465100
TW A	315	111	30.615400	-81.464200
TW A	320	116	30.615600	-81.462600
TW A	320	118	30.615700	-81.462000
TW A	325	121	30.615800	-81.461000
TW A	325	125	30.616000	-81.459800
TW A	325	131	30.616300	-81.457900
TW A	330	136	30.616500	-81.456300
TW A	335	139	30.616600	-81.455400
TW A	335	144	30.616800	-81.453800
TW A	335	146	30.616900	-81.453200
TW A	335	149	30.616600	-81.452600
TW A	340	151	30.616100	-81.452500
TW A	350	103	30.615000	-81.466700
TW A	505	100	30.615400	-81.465400
TW B	205	101	30.606800	-81.454700
TW B	210	103	30.607300	-81.454400
TW B	210	110	30.608500	-81.455800
TW B	210	117	30.609600	-81.457600
TW B	210	124	30.610700	-81.459500
TW B	215	130	30.611700	-81.461000

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.

GPS COORDINATES - FERNANDINA BEACH MUNICIPAL AIRPORT				
LOCATION	SECTION	SAMPLE	LATITUDE	LONGITUDE
TW B	216	129	30.611600	-81.460700
TW B	220	133	30.612200	-81.461800
TW B	225	135	30.612500	-81.462300
TW B	226	134	30.612400	-81.462100
TW B	230	136	30.612700	-81.462600
TW B	230	140	30.613300	-81.463600
TW B	235	146	30.614300	-81.465100
TW B	235	149	30.614700	-81.465900
TW B	4405	101	30.608000	-81.454400
TW B	4410	502	30.609100	-81.454900
TW C	105	107	30.609100	-81.465000
TW C	105	114	30.610700	-81.463700
TW C	110	121	30.612300	-81.462400
TW C	110	124	30.612900	-81.461900
TW C	110	128	30.613800	-81.461100
TW C	115	133	30.614900	-81.460200
TW C	120	116	30.611100	-81.463300
TW C	125	100	30.607500	-81.466300
TW C	130	101	30.607800	-81.466100
TW C	140	136	30.615600	-81.459600
TW C	145	137	30.615900	-81.459500
TW D	405	101	30.616100	-81.467600
TW D	410	103	30.616200	-81.466900
TW D	410	107	30.615300	-81.466400
TW D	412	109	30.614800	-81.466300
TW D	415	110	30.614500	-81.466300
TW D	415	112	30.614000	-81.466200
TW D	417	112	30.613900	-81.466100
TW D	420	119	30.612100	-81.465800
TW D	420	124	30.610700	-81.465600
TW D	420	128	30.609600	-81.465300
TW D	425	130	30.609000	-81.465200
TW D	426	131	30.608800	-81.465200
TW D	430	133	30.608300	-81.465100
TW D	430	135	30.607700	-81.465000
TW D	435	137	30.607100	-81.464900

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
  - ASPHALT ON AC (AAC)
  - ASPHALT ON PCC (APC)
  - WHITE TOPPING (WT)
- 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 = 152

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

PLOTTED: June 7, 2012 – 9:49 AM, BY: Burton, George A

NUMBER	DATE	REVISIONS

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

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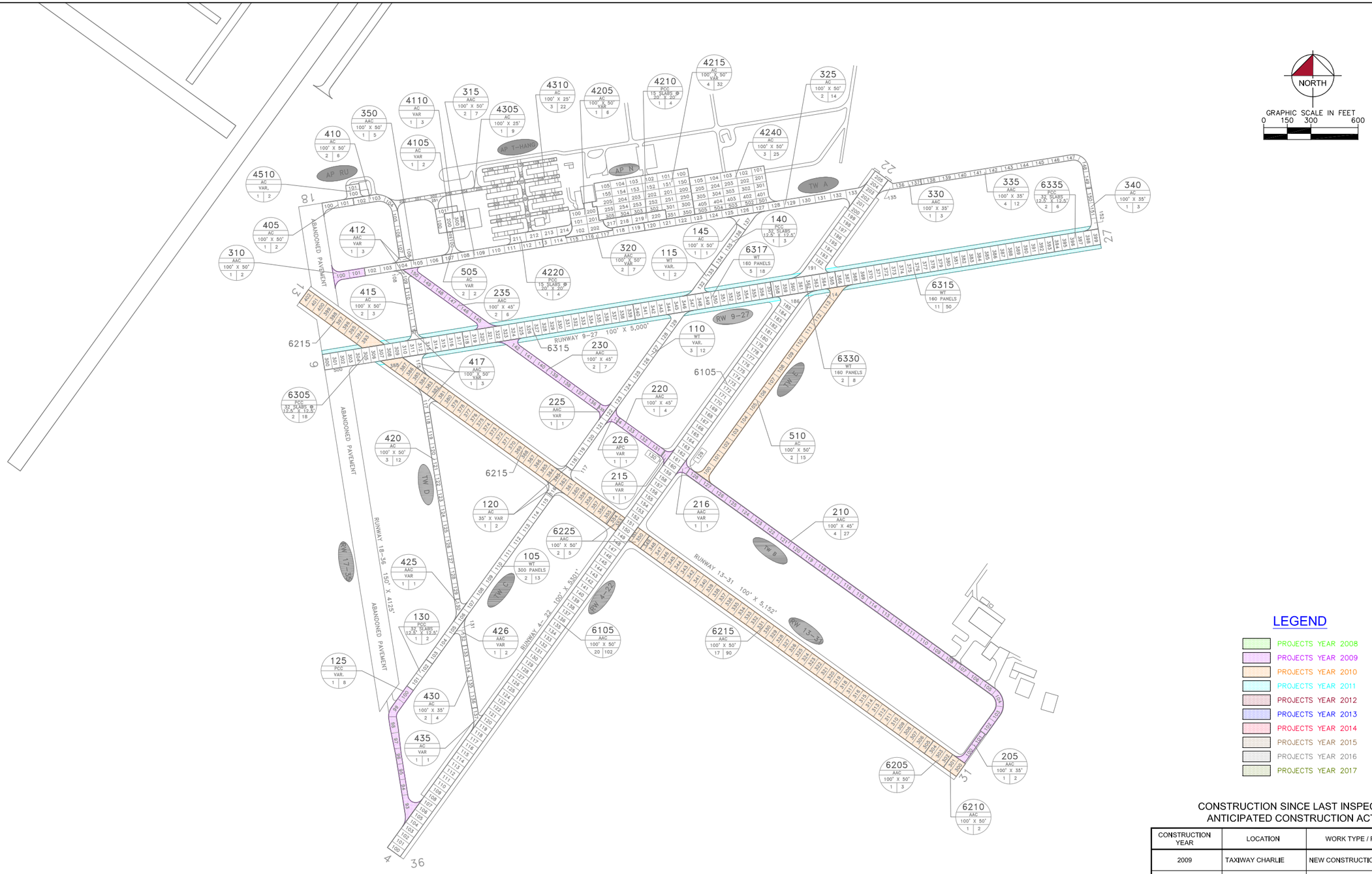
NETWORK DEFINITION MAP

FERNANDINA BEACH MUNICIPAL AIRPORT
NASSAU COUNTY, FLORIDA

FLORIDA DEPARTMENT OF TRANSPORTATION - AVIATION OFFICE

IDENTIFIER: FHB

FDOT DISTRICT: 2



LEGEND

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

CONSTRUCTION SINCE LAST INSPECTION & ANTICIPATED CONSTRUCTION ACTIVITY

CONSTRUCTION YEAR	LOCATION	WORK TYPE / PAVEMENT SECTION
2009	TAXIWAY CHARLIE	NEW CONSTRUCTION
2009	TAXIWAY BRAVO AND SECTION 310 OF TAXIWAY ALPHA	COMPLETE TAXIWAY MILL AND OVERLAY
2010	RUNWAY 13-31	COMPLETE RUNWAY MILL AND OVERLAY INCLUDING INTERSECTON AT TAXIWAY CHARLIE
2010	TAXIWAY ECHO	NEW CONSTRUCTION
2011	RUNWAY 9-27	ELIMINATED RUNWAY SHOULDERS. RETURN TO GRASS

PLOTTED: June 7, 2012 – 8:53 AM, BY: Burton, George A

NUMBER	DATE	REVISIONS

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

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SYSTEM INVENTORY MAP

FERNANDINA BEACH MUNICIPAL AIRPORT
NASSAU COUNTY, FLORIDA

FLORIDA DEPARTMENT OF TRANSPORTATION - AVIATION OFFICE

IDENTIFIER: FHB

FDOT DISTRICT: 2

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
North Apron - Terminal	AP N	APRON	4205	160	200	32,000	P	AC	1/1/1987	4/17/2012	6
North Apron - Terminal	AP N	APRON	4210	400	60	24,000	P	PCC	1/1/1944	4/17/2012	4
North Apron - Terminal	AP N	APRON	4215	600	250	160,000	P	AC	1/1/1993	4/17/2012	32
North Apron - Terminal	AP N	APRON	4220	400	60	24,000	P	PCC	1/1/1944	4/17/2012	4
North Apron - Terminal	AP N	APRON	4240	480	235	113,740	T	AC	1/1/2004	4/17/2012	25
Northwest Apron	AP NW	APRON	4105	150	50	10,200	P	AC	1/1/2000	4/17/2012	2
Northwest Apron	AP NW	APRON	4110	120	100	12,200	P	AC	1/1/1987	4/17/2012	3
North Run Up Apron	AP RU N	APRON	4510	85	80	7,616	T	AC	1/1/2004	4/17/2012	2
T-Hangar Apron	AP T-HANG	APRON	4305	900	25	22,500	P	AC	12/25/2000	4/17/2012	9
T-Hangar Apron	AP T-HANG	APRON	4310	2030	25	50,750	P	AC	12/25/1999	4/17/2012	22
Runway 13-31	RW 13-31	RUNWAY	6205	120	100	12,000	P	AAC	1/1/2010	1/1/2010	3
Runway 13-31	RW 13-31	RUNWAY	6210	110	100	11,000	P	AAC	1/1/2010	1/1/2010	2
Runway 13-31	RW 13-31	RUNWAY	6215	4690	100	493,200	P	AAC	1/1/2010	1/1/2010	90
Runway 13-31	RW 13-31	RUNWAY	6225	165	100	16,500	P	AAC	1/1/2010	1/1/2010	5
Runway 4-22	RW 4-22	RUNWAY	6105	5100	100	514,500	P	AAC	1/1/2004	4/16/2012	102
Runway 9-27	RW 9-27	RUNWAY	6305	850	100	85,000	T	PCC	1/1/2004	4/16/2012	18
Runway 9-27	RW 9-27	RUNWAY	6315	2500	100	250,000	S	WT	1/1/2004	4/16/2012	50
Runway 9-27	RW 9-27	RUNWAY	6317	890	100	89,000	S	WT	1/1/2004	4/16/2012	18
Runway 9-27	RW 9-27	RUNWAY	6330	410	100	41,000	S	WT	1/1/2004	4/16/2012	8
Runway 9-27	RW 9-27	RUNWAY	6335	300	100	30,000	S	PCC	1/1/2004	4/16/2012	6
Taxiway Alpha	TW A	TAXIWAY	310	220	50	11,000	P	AAC	1/1/2010	1/1/2010	2
Taxiway Alpha	TW A	TAXIWAY	315	650	50	32,500	P	AAC	1/1/2004	4/17/2012	7
Taxiway Alpha	TW A	TAXIWAY	320	582	50	29,100	P	AAC	1/1/2004	4/17/2012	7
Taxiway Alpha	TW A	TAXIWAY	325	1420	50	71,000	P	AC	1/1/2004	4/17/2012	14

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	330	240	35	8,400	P	AAC	1/1/2004	4/16/2012	3
Taxiway Alpha	TW A	TAXIWAY	335	1225	35	42,875	P	AAC	1/1/2004	4/16/2012	12
Taxiway Alpha	TW A	TAXIWAY	340	230	35	9,025	P	AC	1/1/1944	4/16/2012	3
Taxiway Alpha	TW A	TAXIWAY	350	450	50	22,500	P	AAC	1/1/1996	4/17/2012	5
Taxiway Bravo	TW B	TAXIWAY	205	200	35	7,250	P	AAC	1/1/2010	1/1/2010	2
Taxiway Bravo	TW B	TAXIWAY	210	2700	35	94,500	P	AAC	1/1/2010	1/1/2010	27
Taxiway Bravo	TW B	TAXIWAY	215	65	40	2,600	P	AAC	1/1/2010	4/16/2012	1
Taxiway Bravo	TW B	TAXIWAY	216	65	40	2,618	P	AAC	1/1/2010	4/16/2012	1
Taxiway Bravo	TW B	TAXIWAY	220	370	35	13,000	P	AAC	1/1/2010	1/1/2010	4
Taxiway Bravo	TW B	TAXIWAY	225	43	40	1,738	P	AAC	1/1/2010	4/16/2012	1
Taxiway Bravo	TW B	TAXIWAY	226	55	40	2,200	P	APC	1/1/2010	4/16/2012	1
Taxiway Bravo	TW B	TAXIWAY	230	700	35	27,150	P	AAC	1/1/2010	1/1/2010	7
Taxiway Bravo	TW B	TAXIWAY	235	620	35	23,650	P	AAC	1/1/2010	1/1/2010	6
Taxiway Charlie	TW C	TAXIWAY	105	765	50	38,250	P	WT	1/1/2004	4/13/2012	13
Taxiway Charlie	TW C	TAXIWAY	110	1212	40	48,500	P	WT	1/1/2004	4/13/2012	12
Taxiway Charlie	TW C	TAXIWAY	115	170	50	9,929	P	WT	1/1/2004	4/13/2012	2
Taxiway Charlie	TW C	TAXIWAY	120	125	40	5,000	P	AAC	1/1/2010	1/1/2010	2
Taxiway Charlie	TW C	TAXIWAY	125	800	35	35,197	P	PCC	1/1/2010	1/1/2010	8
Taxiway Charlie	TW C	TAXIWAY	130	200	50	10,000	P	PCC	1/1/2004	4/16/2012	2
Taxiway Charlie	TW C	TAXIWAY	140	300	50	15,000	P	PCC	1/1/2004	4/16/2012	3
Taxiway Charlie	TW C	TAXIWAY	145	125	50	9,211	P	AC	1/1/2004	4/16/2012	1
Taxiway Delta	TW D	TAXIWAY	405	200	50	10,250	P	AC	1/1/2004	4/17/2012	2
Taxiway Delta	TW D	TAXIWAY	410	600	50	30,000	P	AC	1/1/1944	4/17/2012	6
Taxiway Delta	TW D	TAXIWAY	412	170	50	8,500	P	AAC	1/1/1996	4/16/2012	3

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	415	230	50	11,500	P	AC	1/1/2004	4/16/2012	3
Taxiway Delta	TW D	TAXIWAY	417	236	50	13,900	P	AAC	1/1/1996	4/16/2012	3
Taxiway Delta	TW D	TAXIWAY	420	1194	50	59,700	P	AC	1/1/2004	4/16/2012	12
Taxiway Delta	TW D	TAXIWAY	425	92	50	4,620	P	AAC	1/1/2004	4/16/2012	1
Taxiway Delta	TW D	TAXIWAY	426	104	50	5,200	P	AAC	1/1/2004	4/16/2012	2
Taxiway Delta	TW D	TAXIWAY	430	500	35	17,500	P	AC	1/1/2004	4/16/2012	4
Taxiway Delta	TW D	TAXIWAY	435	85	40	3,420	P	AC	1/1/2004	4/16/2012	1
Taxiway Echo	TW E	TAXIWAY	510	1455	50	75,150	P	AC	1/1/2011	1/1/2011	15
Taxiway to West Apron	TW W AP	TAXIWAY	505	140	35	6,164	P	AC	1/1/1987	4/17/2012	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.

Work History Report

Pavement Database:

Network: FHB **Branch:** AP N (NORTH APRON - TERMINAL) **Section:** 4205 **Surface:** AC
L.C.D.: 01/01/1987 **Use:** APRON **Rank:** P **Length:** 160.00 Ft **Width:** 200.00 Ft **True Area:** 32,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1987	IMPORTED	BUILT			True	EST 1987 AC SECTION UNKNOWN

Network: FHB **Branch:** AP N (NORTH APRON - TERMINAL) **Section:** 4210 **Surface:** PCC
L.C.D.: 01/01/1944 **Use:** APRON **Rank:** P **Length:** 400.00 Ft **Width:** 60.00 Ft **True Area:** 24,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1944	IMPORTED	BUILT			True	1944 PCC PAVEMENT SECTION UNKNOWN

Network: FHB **Branch:** AP N (NORTH APRON - TERMINAL) **Section:** 4215 **Surface:** AC
L.C.D.: 01/01/1993 **Use:** APRON **Rank:** P **Length:** 600.00 Ft **Width:** 250.00 Ft **True Area:** 160,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1993	IMPORTED	BUILT			True	EST 1993 AC PAVEMENT SECTION UNKNOWN

Network: FHB **Branch:** AP N (NORTH APRON - TERMINAL) **Section:** 4220 **Surface:** PCC
L.C.D.: 01/01/1944 **Use:** APRON **Rank:** P **Length:** 400.00 Ft **Width:** 60.00 Ft **True Area:** 24,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1944	IMPORTED	BUILT			True	1944 PCC PAVEMENT SECTION UNKNOWN

Network: FHB **Branch:** AP N (NORTH APRON - TERMINAL) **Section:** 4240 **Surface:** AC
L.C.D.: 01/01/2004 **Use:** APRON **Rank:** T **Length:** 480.00 Ft **Width:** 235.00 Ft **True Area:** 113,740.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2004	INITIAL	Initial Construction	$0	4.00	True	4" AC/8" Limerock/12" Compacted Subgrade

Network: FHB **Branch:** AP NW (NORTHWEST APRON) **Section:** 4105 **Surface:** AC
L.C.D.: 01/01/2000 **Use:** APRON **Rank:** P **Length:** 150.00 Ft **Width:** 50.00 Ft **True Area:** 10,200.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2000	CR-AC	Complete Reconstruction - AC	$0	4.00	True	4" AC/8" P211/12" Subgrade
01/01/1993	IMPORTED	BUILT			True	EST 1993 AC PAVEMENT SECTION UNKNOWN

Network: FHB **Branch:** AP NW (NORTHWEST APRON) **Section:** 4110 **Surface:** AC
L.C.D.: 01/01/1987 **Use:** APRON **Rank:** P **Length:** 120.00 Ft **Width:** 100.00 Ft **True Area:** 12,200.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1987	IMPORTED	BUILT			True	EST 1987 AC SECTION UNKNOWN

Network: FHB **Branch:** AP RU N (NORTH RUN UP APRON) **Section:** 4510 **Surface:** AC
L.C.D.: 01/01/2004 **Use:** APRON **Rank:** T **Length:** 85.00 Ft **Width:** 80.00 Ft **True Area:** 7,616.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2004	INITIAL	Initial Construction	$0	4.00	True	4" AC/8" Limerock/12" Compacted Subgrade

Network: FHB **Branch:** AP T-HANG (T-HANGAR APRON) **Section:** 4305 **Surface:** AC
L.C.D.: 12/25/2000 **Use:** APRON **Rank:** P **Length:** 900.00 Ft **Width:** 25.00 Ft **True Area:** 22,500.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
12/25/2000	INITIAL	Initial Construction	$0	4.00	True	4"AC/8" Limerock/12" Compacted Subgrade

Network: FHB **Branch:** AP T-HANG (T-HANGAR APRON) **Section:** 4310 **Surface:** AC
L.C.D.: 12/25/1999 **Use:** APRON **Rank:** P **Length:** 2,030.00 Ft **Width:** 25.00 Ft **True Area:** 50,750.00 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: FHB **Branch:** RW 13-31 (RUNWAY 13-31) **Section:** 6205 **Surface:** AAC
L.C.D.: 01/01/2010 **Use:** RUNWAY **Rank:** P **Length:** 120.00 Ft **Width:** 100.00 Ft **True Area:** 12,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1996	IMPORTED	BUILT		4.00	True	1996 4" P401 AC SURFACE ON 6" P211 BASE ON 6" P154 SUBBASE

Network: FHB **Branch:** RW 13-31 (RUNWAY 13-31) **Section:** 6210 **Surface:** AAC
L.C.D.: 01/01/2010 **Use:** RUNWAY **Rank:** P **Length:** 110.00 Ft **Width:** 100.00 Ft **True Area:** 11,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1944	IMPORTED	BUILT			True	EST 1944 BIT

Network: FHB **Branch:** RW 13-31 (RUNWAY 13-31) **Section:** 6215 **Surface:** AAC
L.C.D.: 01/01/2010 **Use:** RUNWAY **Rank:** P **Length:** 4,690.00 Ft **Width:** 100.00 Ft **True Area:** 493,200.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1996	IMPORTED	OVERLAY		0.75	True	1996 3/4" FC-2 GTR OVERLAY
01/01/1944	IMPORTED	BUILT		2.00	True	1944 2" AC SURFACE ON 5" SAND ASPHALT BASE

Network: FHB **Branch:** RW 13-31 (RUNWAY 13-31) **Section:** 6225 **Surface:** AAC
L.C.D.: 01/01/2010 **Use:** RUNWAY **Rank:** P **Length:** 165.00 Ft **Width:** 100.00 Ft **True Area:** 16,500.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1975	IMPORTED	OVERLAY			True	EST 1975 TRANSITION OVERLAY
01/01/1944	IMPORTED	BUILT		2.00	True	1944 2" AC SURFACE ON 5" SAND ASPHALT BASE

Network: FHB **Branch:** RW 4-22 (RUNWAY 4-22) **Section:** 6105 **Surface:** AAC
L.C.D.: 01/01/2004 **Use:** RUNWAY **Rank:** P **Length:** 5,100.00 Ft **Width:** 100.00 Ft **True Area:** 514,500.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2004	MI&OV	Mill & Overlay	$0	4.00	True	4" Mill & Ovly
01/01/1975	IMPORTED	BUILT			True	EST 1975 AC PAVEMENT SECTION UNKNOWN

Network: FHB **Branch:** RW 9-27 (RUNWAY 9-27) **Section:** 6305 **Surface:** PCC
L.C.D.: 01/01/2004 **Use:** RUNWAY **Rank:** T **Length:** 850.00 Ft **Width:** 100.00 Ft **True Area:** 85,000.00 SqF

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

01/01/2004	CR-PC	Complete Reconstruction - PC	$0	0.00	True	
01/01/1996	IMPORTED	OVERLAY		0.75	True	1996 3/4" FC-2 GTR OVERLAY
01/01/1944	IMPORTED	BUILT		2.00	True	1944 2" AC SURFACE ON 5" SAND ASPHALT BASE

Network: FHB **Branch:** RW 9-27 (RUNWAY 9-27) **Section:** 6335 **Surface:** PCC
L.C.D.: 01/01/2004 **Use:** RUNWAY **Rank:** S **Length:** 300.00 Ft **Width:** 100.00 Ft **True Area:** 30.000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2004	CR-PC	Complete Reconstruction - PC	$0	0.00	True	
01/01/1944	IMPORTED	BUILT		2.00	True	1944 2" AC SURFACE ON 5" SAND ASPHALT BASE

Network: FHB **Branch:** TW A (TAXIWAY A) **Section:** 310 **Surface:** AAC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 220.00 Ft **Width:** 50.00 Ft **True Area:** 11.000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1996	IMPORTED	OVERLAY		0.75	True	1996 3/4" FC-2 GTR OVERLAY
01/01/1944	IMPORTED	BUILT		2.00	True	1944 2" AC SURFACE ON 5" SAND ASPHALT BASE

Network: FHB **Branch:** TW A (TAXIWAY A) **Section:** 315 **Surface:** AAC
L.C.D.: 01/01/2004 **Use:** TAXIWAY **Rank:** P **Length:** 650.00 Ft **Width:** 50.00 Ft **True Area:** 32.500.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2004	ML-OL	Mill and Overlay	$0	0.00	True	
01/01/1944	IMPORTED	BUILT		2.00	True	1944 2" AC SURFACE ON 5" SAND ASPHALT BASE

Network: FHB **Branch:** TW A (TAXIWAY A) **Section:** 320 **Surface:** AAC
L.C.D.: 01/01/2004 **Use:** TAXIWAY **Rank:** P **Length:** 582.00 Ft **Width:** 50.00 Ft **True Area:** 29.100.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2004	ML-OL	Mill and Overlay	$0	0.00	True	
01/01/1987	IMPORTED	BUILT			True	EST 1987 AC SURFACE SECTION UNKNOWN

Network: FHB **Branch:** TW A (TAXIWAY A) **Section:** 325 **Surface:** AC
L.C.D.: 01/01/2004 **Use:** TAXIWAY **Rank:** P **Length:** 1,420.00 Ft **Width:** 50.00 Ft **True Area:** 71.000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2004	CR-AC	Complete Reconstruction - AC	$0	4.00	True	4" AC/8" P-211
01/01/1975	IMPORTED	BUILT			True	EST 1975 AC SURFACE SECTION UNKNOWN

Network: FHB **Branch:** TW A (TAXIWAY A) **Section:** 330 **Surface:** AAC
L.C.D.: 01/01/2004 **Use:** TAXIWAY **Rank:** P **Length:** 240.00 Ft **Width:** 35.00 Ft **True Area:** 8.400.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2004	ML-OL	Mill and Overlay	$0	0.00	True	
01/01/1944	IMPORTED	BUILT		2.00	True	1944 2" AC SURFACE ON 5" SAND ASPHALT BASE

Network: FHB **Branch:** TW A (TAXIWAY A) **Section:** 335 **Surface:** AAC
L.C.D.: 01/01/2004 **Use:** TAXIWAY **Rank:** P **Length:** 1,225.00 Ft **Width:** 35.00 Ft **True Area:** 42.875.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2004	ML-OL	Mill and Overlay	$0	0.00	True	

01/01/1944	IMPORTED	BUILT		2.00	True	1944 2" AC SURFACE ON 5" SAND ASPHALT BASE

Network: FHB **Branch:** TW A (TAXIWAY A) **Section:** 340 **Surface:** AC
L.C.D.: 01/01/1944 **Use:** TAXIWAY **Rank:** P **Length:** 230.00 Ft **Width:** 35.00 Ft **True Area:** 9,025.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1944	IMPORTED	BUILT		2.00	True	1944 2" AC SURFACE ON 5" SAND ASPHALT BASE

Network: FHB **Branch:** TW A (TAXIWAY A) **Section:** 350 **Surface:** AAC
L.C.D.: 01/01/1996 **Use:** TAXIWAY **Rank:** P **Length:** 450.00 Ft **Width:** 50.00 Ft **True Area:** 22,500.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1996	IMPORTED	OVERLAY		0.75	True	1996 3/4" FC-2 GTR OVERLAY
01/01/1944	IMPORTED	BUILT		2.00	True	1944 2" AC SURFACE ON 5" SAND ASPHALT BASE

Network: FHB **Branch:** TW B (TAXIWAY B) **Section:** 205 **Surface:** AAC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 200.00 Ft **Width:** 35.00 Ft **True Area:** 7,250.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1996	IMPORTED	BUILT		4.00	True	1996 4" P401 AC SURFACE ON 6" P211 BASE ON 6" P154 SUBBASE

Network: FHB **Branch:** TW B (TAXIWAY B) **Section:** 210 **Surface:** AAC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 2,700.00 Ft **Width:** 35.00 Ft **True Area:** 94,500.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1996	IMPORTED	OVERLAY		0.75	True	1996 3/4" FC-2 GTR OVERLAY
01/01/1944	IMPORTED	BUILT		2.00	True	1944 2" AC SURFACE ON 6" SAND ASPHALT BASE

Network: FHB **Branch:** TW B (TAXIWAY B) **Section:** 215 **Surface:** AAC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 65.00 Ft **Width:** 40.00 Ft **True Area:** 2,600.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1996	IMPORTED	BUILT		0.75	True	1996 3/4" FC-2 GTR SURFACE TREATMENT ON 1 3/4" P401 AC SURFACE ON EXIS

Network: FHB **Branch:** TW B (TAXIWAY B) **Section:** 216 **Surface:** AAC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 65.45 Ft **Width:** 40.00 Ft **True Area:** 2,618.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1996	IMPORTED	BUILT		0.75	True	1996 3/4" FC-2 GTR SURFACE TREATMENT ON 1 3/4" P401 AC SURFACE ON EXIS

Network: FHB **Branch:** TW B (TAXIWAY B) **Section:** 220 **Surface:** AAC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 370.00 Ft **Width:** 35.00 Ft **True Area:** 13,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1996	IMPORTED	OVERLAY		0.75	True	1996 3/4" FC-2 GTR OVERLAY

01/01/1944	IMPORTED	BUILT		2.00	True	1944 2" AC SURFACE ON 5" SAND ASPHALT BASE

Network: FHB **Branch:** TW B (TAXIWAY B) **Section:** 225 **Surface:** AAC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 43.45 Ft **Width:** 40.00 Ft **True Area:** 1,738.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/2004	MI&OV	Mill & Overlay	$0	0.00	True	Mill & Ovly
01/01/1996	IMPORTED	BUILT		0.75	True	1996 3/4" FC-2 GTR SURFACE TREATMENT ON 1 3/4" P401 AC SURFACE ON EXIS

Network: FHB **Branch:** TW B (TAXIWAY B) **Section:** 226 **Surface:** APC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 55.00 Ft **Width:** 40.00 Ft **True Area:** 2,200.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/2004	MI&OV	Mill & Overlay	$0	0.00	True	Mill & Ovly
01/01/1996	IMPORTED	BUILT		0.75	True	1996 3/4" FC-2 GTR SURFACE TREATMENT ON 1 3/4" P401 AC SURFACE ON EXIS

Network: FHB **Branch:** TW B (TAXIWAY B) **Section:** 230 **Surface:** AAC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 700.00 Ft **Width:** 35.00 Ft **True Area:** 27,150.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1996	IMPORTED	OVERLAY		0.75	True	1996 3/4" FC-2 GTR OVERLAY
01/01/1944	IMPORTED	BUILT		2.00	True	1944 2" AC SURFACE ON 5" SAND ASPHALT BASE

Network: FHB **Branch:** TW B (TAXIWAY B) **Section:** 235 **Surface:** AAC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 620.00 Ft **Width:** 35.00 Ft **True Area:** 23,650.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/1996	IMPORTED	OVERLAY		0.75	True	1996 3/4" FC-2 GTR OVERLAY
01/01/1944	IMPORTED	BUILT		2.00	True	1944 2" AC SURFACE ON 5" SAND ASPHALT BASE

Network: FHB **Branch:** TW C (TAXIWAY C) **Section:** 120 **Surface:** AAC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 125.00 Ft **Width:** 40.00 Ft **True Area:** 5,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	ML-OV	Mill and Overlay	$0	0.00	True	
01/01/2004	NC-AC	New Construction - AC	$0	11.00	True	11" PCC/4" Subbase
01/01/1996	IMPORTED	BUILT		0.75	True	1996 3/4" FC-2 GTR SURFACE TREATMENT ON 1 3/4" P401 AC SURFACE ON EXIS

Network: FHB **Branch:** TW C (TAXIWAY C) **Section:** 125 **Surface:** PCC
L.C.D.: 01/01/2010 **Use:** TAXIWAY **Rank:** P **Length:** 800.00 Ft **Width:** 35.00 Ft **True Area:** 35,197.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2010	CR-PC	Complete Reconstruction - PC	$0	0.00	True	
01/01/2004	NC-AC	New Construction - AC	$0	0.00	True	

Network: FHB **Branch:** TW C (TAXIWAY C) **Section:** 130 **Surface:** PCC
L.C.D.: 01/01/2004 **Use:** TAXIWAY **Rank:** P **Length:** 200.00 Ft **Width:** 50.00 Ft **True Area:** 10,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2004	NC-PC	New Construction - PCC	$0	0.00	True	
01/01/1975	INITIAL	Initial Construction	$0	0.00	True	

Network: FHB **Branch:** TW C (TAXIWAY C) **Section:** 140 **Surface:** PCC
L.C.D.: 01/01/2004 **Use:** TAXIWAY **Rank:** P **Length:** 300.00 Ft **Width:** 50.00 Ft **True Area:** 15,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2004	NC-PC	New Construction - PCC	$0	0.00	True	
01/01/1975	INITIAL	Initial Construction	$0	0.00	True	

Network: FHB **Branch:** TW C (TAXIWAY C) **Section:** 145 **Surface:** AC
L.C.D.: 01/01/2004 **Use:** TAXIWAY **Rank:** P **Length:** 125.00 Ft **Width:** 50.00 Ft **True Area:** 9,211.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2004	NC-AC	New Construction - AC	$0	0.00	True	

Network: FHB **Branch:** TW D (TAXIWAY D) **Section:** 405 **Surface:** AC
L.C.D.: 01/01/2004 **Use:** TAXIWAY **Rank:** P **Length:** 200.00 Ft **Width:** 50.00 Ft **True Area:** 10,250.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2004	CR-AC	Complete Reconstruction - AC	$0	4.00	True	4" AC/8" P-211
01/01/1944	IMPORTED	BUILT		2.00	True	1944 2" AC SURFACE ON 5" SAND ASPHALT BASE

Network: FHB **Branch:** TW D (TAXIWAY D) **Section:** 410 **Surface:** AC
L.C.D.: 01/01/1944 **Use:** TAXIWAY **Rank:** P **Length:** 600.00 Ft **Width:** 50.00 Ft **True Area:** 30,000.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1944	IMPORTED	BUILT		2.00	True	1944 2" AC SURFACE ON 5" SAND ASPHALT BASE

Network: FHB **Branch:** TW D (TAXIWAY D) **Section:** 412 **Surface:** AAC
L.C.D.: 01/01/1996 **Use:** TAXIWAY **Rank:** P **Length:** 170.00 Ft **Width:** 50.00 Ft **True Area:** 8,500.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1996	IMPORTED	OVERLAY		0.75	True	1996 3/4" FC-2 GTR OVERLAY
01/01/1944	IMPORTED	BUILT		2.00	True	1944 2" AC SURFACE ON 5" SAND ASPHALT BASE

Network: FHB **Branch:** TW D (TAXIWAY D) **Section:** 415 **Surface:** AC
L.C.D.: 01/01/2004 **Use:** TAXIWAY **Rank:** P **Length:** 230.00 Ft **Width:** 50.00 Ft **True Area:** 11,500.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2004	CR-AC	Complete Reconstruction - AC	$0	4.00	True	4" AC/8" P-211
01/01/1944	IMPORTED	BUILT		2.00	True	1944 2" AC SURFACE ON 5" SAND ASPHALT BASE

Network: FHB **Branch:** TW D (TAXIWAY D) **Section:** 417 **Surface:** AAC
L.C.D.: 01/01/1996 **Use:** TAXIWAY **Rank:** P **Length:** 236.00 Ft **Width:** 50.00 Ft **True Area:** 13,900.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1996	IMPORTED	OVERLAY		0.75	True	1996 3/4" FC-2 GTR OVERLAY
01/01/1944	IMPORTED	BUILT		2.00	True	1944 2" AC SURFACE ON 5" SAND ASPHALT BASE

Network: FHB **Branch:** TW D (TAXIWAY D) **Section:** 420 **Surface:** AC
L.C.D.: 01/01/2004 **Use:** TAXIWAY **Rank:** P **Length:** 1,194.00 Ft **Width:** 50.00 Ft **True Area:** 59,700.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2004	CR-AC	Complete Reconstruction - AC	$0	4.00	True	4" AC/8" P-211
01/01/1944	IMPORTED	BUILT		2.00	True	1944 2" AC SURFACE ON 5" SAND ASPHALT BASE

Network: FHB **Branch:** TW D (TAXIWAY D) **Section:** 425 **Surface:** AAC
L.C.D.: 01/01/2004 **Use:** TAXIWAY **Rank:** P **Length:** 92.40 Ft **Width:** 50.00 Ft **True Area:** 4,620.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2004	MI&OV	Mill & Overlay	$0	0.00	True	Mill & Ovly
01/01/1975	IMPORTED	OVERLAY			True	EST 1975 AC OVERLAY
01/01/1944	IMPORTED	BUILT		2.00	True	1944 2" AC SURFACE ON 5" SAND ASPHALT BASE

Network: FHB **Branch:** TW D (TAXIWAY D) **Section:** 426 **Surface:** AAC
L.C.D.: 01/01/2004 **Use:** TAXIWAY **Rank:** P **Length:** 104.00 Ft **Width:** 50.00 Ft **True Area:** 5,200.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2004	MI&OV	Mill & Overlay	$0	0.00	True	Mill & Ovly
01/01/1975	IMPORTED	OVERLAY			True	EST 1975 AC OVERLAY
01/01/1944	IMPORTED	BUILT		2.00	True	1944 2" AC SURFACE ON 5" SAND ASPHALT BASE

Network: FHB **Branch:** TW D (TAXIWAY D) **Section:** 430 **Surface:** AC
L.C.D.: 01/01/2004 **Use:** TAXIWAY **Rank:** P **Length:** 500.00 Ft **Width:** 35.00 Ft **True Area:** 17,500.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2004	CR-AC	Complete Reconstruction - AC	$0	4.00	True	4" AC/8" P-211
01/01/1944	IMPORTED	BUILT		2.00	True	1944 2" AC SURFACE ON 5" SAND ASPHALT BASE

Network: FHB **Branch:** TW D (TAXIWAY D) **Section:** 435 **Surface:** AC
L.C.D.: 01/01/2004 **Use:** TAXIWAY **Rank:** P **Length:** 85.50 Ft **Width:** 40.00 Ft **True Area:** 3,420.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2004	CR-AC	Complete Reconstruction - AC	$0	4.00	True	4" AC/8" P-211
01/01/1975	IMPORTED	BUILT			True	EST 1975 AC PAVEMENT SECTION UNKNOWN

Network: FHB **Branch:** TW E (TAXIWAY E) **Section:** 510 **Surface:** AC
L.C.D.: 01/01/2011 **Use:** TAXIWAY **Rank:** P **Length:** 1,455.00 Ft **Width:** 50.00 Ft **True Area:** 75,150.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/2011	INITIAL	Initial Construction	$0	0.00	True	

Network: FHB **Branch:** TW W AP (TAXIWAY TO WEST APRON) **Section:** 505 **Surface:** AC
L.C.D.: 01/01/1987 **Use:** TAXIWAY **Rank:** P **Length:** 140.00 Ft **Width:** 35.00 Ft **True Area:** 6,164.00 SqF

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
01/01/1987	IMPORTED	BUILT			True	EST 1987 AC PAVEMENT SECTION UNKNOWN

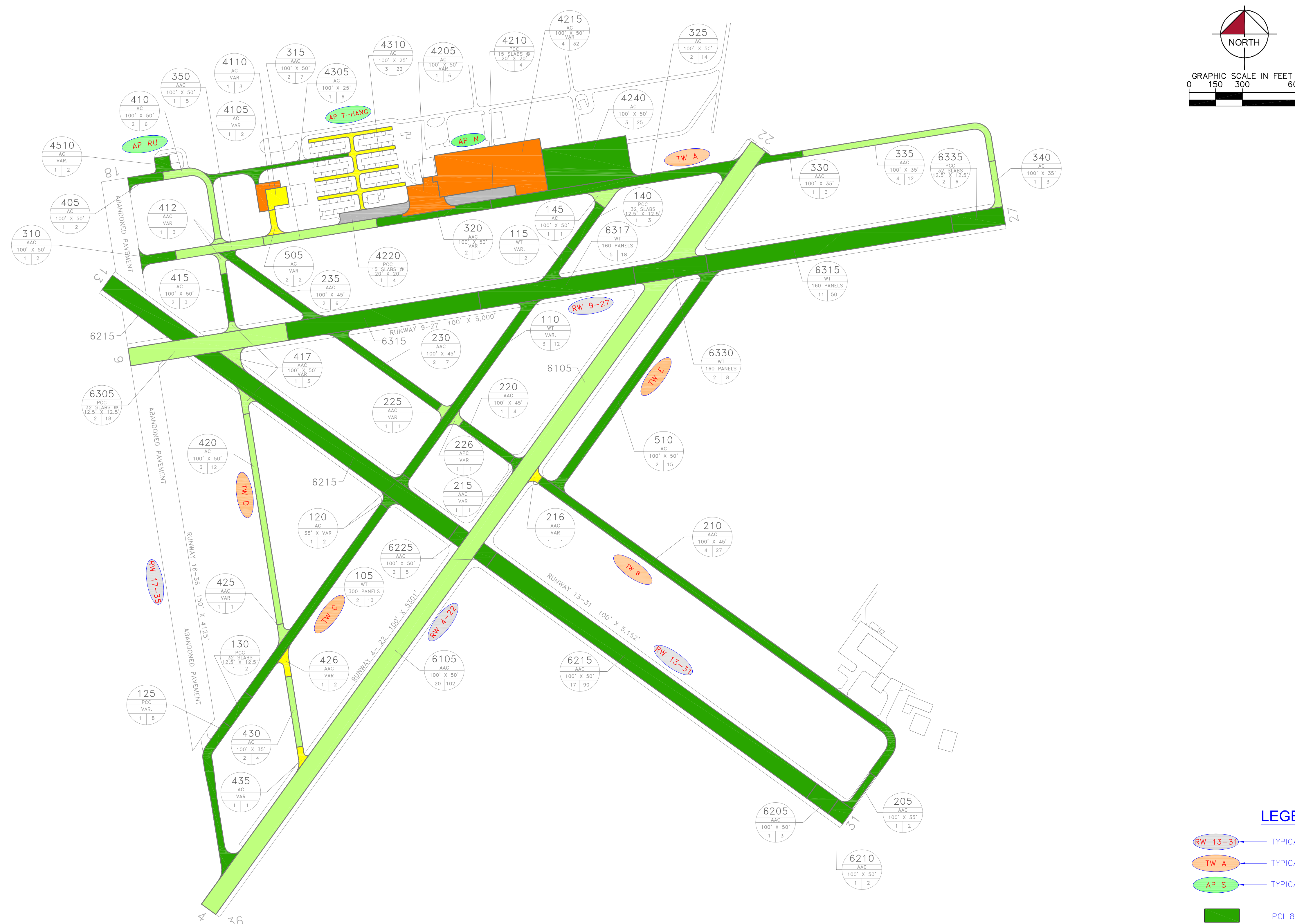
Summary:

Work Description	Section Count	Area Total (SqFt)	Thickness Avg (in)	Thickness STD (in)
BUILT	42	2,001,460.00	1.92	.73
Complete Reconstruction - AC	7	183,570.00	4.00	.00
Complete Reconstruction - PCC	3	150,197.00	.00	.00
Initial Construction	7	294,756.00	1.71	2.14
Mill & Overlay	5	528,258.00	.80	1.79
Mill and Overlay	19	836,281.00	.00	.00
New Construction - AC	3	49,408.00	3.67	6.35
New Construction - PCC	2	25,000.00	.00	.00
OVERLAY	13	818,720.00	.75	.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

NUMBER	DATE	REVISIONS

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

2012 CONDITION MAP

FERNANDINA BEACH MUNICIPAL AIRPORT
NASSAU COUNTY, FLORIDA

FLORIDA DEPARTMENT OF TRANSPORTATION - AVIATION OFFICE

IDENTIFIER: FHB

FDOT DISTRICT: 2

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
North Apron – Terminal	AP N	APRON	4205	32,000	P	AC	1	6	42	Poor
North Apron – Terminal	AP N	APRON	4210	24,000	P	PCC	1	4	2	Failed
North Apron – Terminal	AP N	APRON	4215	160,000	P	AC	4	32	54	Poor
North Apron – Terminal	AP N	APRON	4220	24,000	P	PCC	1	4	0	Failed
North Apron – Terminal	AP N	APRON	4240	113,740	T	AC	3	25	89	Good
Northwest Apron	AP NW	APRON	4105	10,200	P	AC	1	2	46	Poor
Northwest Apron	AP NW	APRON	4110	12,200	P	AC	1	3	56	Fair
North Run Up Apron	AP RU N	APRON	4510	7,616	T	AC	1	2	93	Good
T-Hangar Apron	AP T-HANG	APRON	4305	22,500	P	AC	1	9	88	Good
T-Hangar Apron	AP T-HANG	APRON	4310	50,750	P	AC	3	22	60	Fair
Runway 13-31	RW 13-31	RUNWAY	6205	12,000	P	AAC	1	3	100	Good
Runway 13-31	RW 13-31	RUNWAY	6210	11,000	P	AAC	1	2	100	Good
Runway 13-31	RW 13-31	RUNWAY	6215	493,200	P	AAC	17	90	100	Good
Runway 13-31	RW 13-31	RUNWAY	6225	16,500	P	AAC	2	5	100	Good
Runway 4-22	RW 4-22	RUNWAY	6105	514,500	P	AAC	20	102	73	Satisfactory
Runway 9-27	RW 9-27	RUNWAY	6305	85,000	T	PCC	2	18	85	Satisfactory
Runway 9-27	RW 9-27	RUNWAY	6315	250,000	S	WT	11	50	92	Good
Runway 9-27	RW 9-27	RUNWAY	6317	89,000	S	WT	5	18	93	Good
Runway 9-27	RW 9-27	RUNWAY	6330	41,000	S	WT	2	8	91	Good
Runway 9-27	RW 9-27	RUNWAY	6335	30,000	S	PCC	2	6	95	Good
Taxiway Alpha	TW A	TAXIWAY	310	11,000	P	AAC	1	2	100	Good
Taxiway Alpha	TW A	TAXIWAY	315	32,500	P	AAC	2	7	85	Satisfactory
Taxiway Alpha	TW A	TAXIWAY	320	29,100	P	AAC	2	7	89	Good
Taxiway Alpha	TW A	TAXIWAY	325	71,000	P	AC	2	14	88	Good

Table B-1: Pavement Condition Index (Continued)

Branch Name	Branch ID	Branch Use	Section ID	True Area (ft^2)	Section Rank	Surface Type	Total Samples Inspected	Total Samples	PCI	PCI Category
Taxiway Alpha	TW A	TAXIWAY	330	8,400	P	AAC	1	3	91	Good
Taxiway Alpha	TW A	TAXIWAY	335	42,875	P	AAC	4	12	85	Satisfactory
Taxiway Alpha	TW A	TAXIWAY	340	9,025	P	AC	1	3	80	Satisfactory
Taxiway Alpha	TW A	TAXIWAY	350	22,500	P	AAC	1	5	81	Satisfactory
Taxiway Bravo	TW B	TAXIWAY	205	7,250	P	AAC	1	2	100	Good
Taxiway Bravo	TW B	TAXIWAY	210	94,500	P	AAC	4	27	100	Good
Taxiway Bravo	TW B	TAXIWAY	215	2,600	P	AAC	1	1	87	Good
Taxiway Bravo	TW B	TAXIWAY	216	2,618	P	AAC	1	1	63	Fair
Taxiway Bravo	TW B	TAXIWAY	220	13,000	P	AAC	1	4	100	Good
Taxiway Bravo	TW B	TAXIWAY	225	1,738	P	AAC	1	1	78	Satisfactory
Taxiway Bravo	TW B	TAXIWAY	226	2,200	P	APC	1	1	78	Satisfactory
Taxiway Bravo	TW B	TAXIWAY	230	27,150	P	AAC	2	7	100	Good
Taxiway Bravo	TW B	TAXIWAY	235	23,650	P	AAC	2	6	100	Good
Taxiway Charlie	TW C	TAXIWAY	105	38,250	P	WT	2	13	93	Good
Taxiway Charlie	TW C	TAXIWAY	110	48,500	P	WT	3	12	93	Good
Taxiway Charlie	TW C	TAXIWAY	115	9,929	P	WT	1	2	90	Good
Taxiway Charlie	TW C	TAXIWAY	120	5,000	P	AAC	1	2	100	Good
Taxiway Charlie	TW C	TAXIWAY	125	35,197	P	PCC	1	8	100	Good
Taxiway Charlie	TW C	TAXIWAY	130	10,000	P	PCC	1	2	97	Good
Taxiway Charlie	TW C	TAXIWAY	140	15,000	P	PCC	1	3	98	Good
Taxiway Charlie	TW C	TAXIWAY	145	9,211	P	AC	1	1	84	Satisfactory
Taxiway Delta	TW D	TAXIWAY	405	10,250	P	AC	1	2	92	Good
Taxiway Delta	TW D	TAXIWAY	410	30,000	P	AC	2	6	81	Satisfactory
Taxiway Delta	TW D	TAXIWAY	412	8,500	P	AAC	1	3	72	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 Delta	TW D	TAXIWAY	415	11,500	P	AC	2	3	90	Good
Taxiway Delta	TW D	TAXIWAY	417	13,900	P	AAC	1	3	89	Satisfactory
Taxiway Delta	TW D	TAXIWAY	420	59,700	P	AC	3	12	80	Satisfactory
Taxiway Delta	TW D	TAXIWAY	425	4,620	P	AAC	1	1	77	Satisfactory
Taxiway Delta	TW D	TAXIWAY	426	5,200	P	AAC	1	2	74	Fair
Taxiway Delta	TW D	TAXIWAY	430	17,500	P	AC	2	4	84	Satisfactory
Taxiway Delta	TW D	TAXIWAY	435	3,420	P	AC	1	1	75	Fair
Taxiway Echo	TW E	TAXIWAY	510	75,150	P	AC	2	15	100	Good
Taxiway to West Apron	TW W AP	TAXIWAY	505	6,164	P	AC	2	2	68	Fair

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

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

APPENDIX C

BRANCH CONDITION REPORT
SECTION CONDITION REPORT

Date: 6 /5/2012

Branch Condition Report

Pavement Database: NetworkID: FHB

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 N (NORTH APRON - TERMINAL)	5	2,040.00	161.00	353,740.00	APRON	37.40	33.50	56.98
AP NW (NORTHWEST APRON)	2	270.00	75.00	22,400.00	APRON	51.00	5.00	51.45
AP RU N (NORTH RUN UP APRON)	1	85.00	80.00	7,616.00	APRON	93.00	0.00	93.00
AP T-HANG (T-HANGAR APRON)	2	2,930.00	25.00	73,250.00	APRON	74.00	14.00	68.60
RW 13-31 (RUNWAY 13-31)	4	5,085.00	100.00	532,700.00	RUNWAY	100.00	0.00	100.00
RW 4-22 (RUNWAY 4-22)	1	5,100.00	100.00	514,500.00	RUNWAY	73.00	0.00	73.00
RW 9-27 (RUNWAY 9-27)	2	1,150.00	100.00	115,000.00	RUNWAY	90.00	5.00	87.61
TW A (TAXIWAY A)	8	5,017.00	44.38	226,400.00	TAXIWAY	87.38	5.94	86.81
TW B (TAXIWAY B)	9	4,818.90	37.22	174,706.00	TAXIWAY	89.56	13.01	98.76
TW C (TAXIWAY C)	5	1,550.00	45.00	74,408.00	TAXIWAY	95.80	6.01	97.21
TW D (TAXIWAY D)	10	3,411.90	47.50	164,590.00	TAXIWAY	81.40	6.76	82.02
TW E (TAXIWAY E)	1	1,455.00	50.00	75,150.00	TAXIWAY	100.00	0.00	100.00
TW W AP (TAXIWAY TO WEST APRON)	1	140.00	35.00	6,164.00	TAXIWAY	68.00	0.00	68.00

Branch Condition Report

Pavement Database:

Use Category	Number of Sections	Total Area (SqFt)	Arithmetic Average PCI	Average PCI STD.	Weighted Average PCI
APRON	10	457,006.00	53.00	31.24	59.17
RUNWAY	7	1,162,200.00	93.29	9.74	86.82
TAXIWAY	34	721,418.00	87.24	10.48	90.90
All	51	2,340,624.00	81.35	21.86	82.68

STD = Standard Deviation

Date: 6 /5/2012

Section Condition Report

Pavement Database: *NetworkID: FHB*

Branch ID	Section ID	Last Const. Date	Surface	Use	Rank	Lanes	True Area (SqFt)	Last Inspection Date	Age At Inspection	PCI
AP N (NORTH APRON - TERMINAL)	4205	01/01/1987	AC	APRON	P	0	32,000.00	04/17/2012	25	42.00
AP N (NORTH APRON - TERMINAL)	4210	01/01/1944	PCC	APRON	P	0	24,000.00	04/17/2012	68	2.00
AP N (NORTH APRON - TERMINAL)	4215	01/01/1993	AC	APRON	P	0	160,000.00	04/17/2012	19	54.00
AP N (NORTH APRON - TERMINAL)	4220	01/01/1944	PCC	APRON	P	0	24,000.00	04/17/2012	68	0.00
AP N (NORTH APRON - TERMINAL)	4240	01/01/2004	AC	APRON	T	0	113,740.00	04/17/2012	8	89.00
AP NW (NORTHWEST APRON)	4105	01/01/2000	AC	APRON	P	0	10,200.00	04/17/2012	12	46.00
AP NW (NORTHWEST APRON)	4110	01/01/1987	AC	APRON	P	0	12,200.00	04/17/2012	25	56.00
AP RU N (NORTH RUN UP APRON)	4510	01/01/2004	AC	APRON	T	0	7,616.00	04/17/2012	8	93.00
AP T-HANG (T-HANGAR APRON)	4305	12/25/2000	AC	APRON	P	0	22,500.00	04/17/2012	12	88.00
AP T-HANG (T-HANGAR APRON)	4310	12/25/1999	AC	APRON	P	0	50,750.00	04/17/2012	13	60.00
RW 13-31 (RUNWAY 13-31)	6205	01/01/2010	AAC	RUNWAY	P	0	12,000.00	01/01/2010	0	100.00
RW 13-31 (RUNWAY 13-31)	6210	01/01/2010	AAC	RUNWAY	P	0	11,000.00	01/01/2010	0	100.00
RW 13-31 (RUNWAY 13-31)	6215	01/01/2010	AAC	RUNWAY	P	0	493,200.00	01/01/2010	0	100.00
RW 13-31 (RUNWAY 13-31)	6225	01/01/2010	AAC	RUNWAY	P	0	16,500.00	01/01/2010	0	100.00
RW 4-22 (RUNWAY 4-22)	6105	01/01/2004	AAC	RUNWAY	P	0	514,500.00	04/16/2012	8	73.00
RW 9-27 (RUNWAY 9-27)	6305	01/01/2004	PCC	RUNWAY	T	0	85,000.00	04/16/2012	8	85.00
RW 9-27 (RUNWAY 9-27)	6335	01/01/2004	PCC	RUNWAY	S	0	30,000.00	04/16/2012	8	95.00
TW A (TAXIWAY A)	310	01/01/2010	AAC	TAXIWAY	P	0	11,000.00	01/01/2010	0	100.00
TW A (TAXIWAY A)	315	01/01/2004	AAC	TAXIWAY	P	0	32,500.00	04/17/2012	8	85.00
TW A (TAXIWAY A)	320	01/01/2004	AAC	TAXIWAY	P	0	29,100.00	04/17/2012	8	89.00
TW A (TAXIWAY A)	325	01/01/2004	AC	TAXIWAY	P	0	71,000.00	04/17/2012	8	88.00
TW A (TAXIWAY A)	330	01/01/2004	AAC	TAXIWAY	P	0	8,400.00	04/16/2012	8	91.00
TW A (TAXIWAY A)	335	01/01/2004	AAC	TAXIWAY	P	0	42,875.00	04/16/2012	8	85.00
TW A (TAXIWAY A)	340	01/01/1944	AC	TAXIWAY	P	0	9,025.00	04/16/2012	68	80.00
TW A (TAXIWAY A)	350	01/01/1996	AAC	TAXIWAY	P	0	22,500.00	04/17/2012	16	81.00

Section Condition Report

Pavement Database: *NetworkID: FHB*

Branch ID	Section ID	Last Const. Date	Surface	Use	Rank	Lanes	True Area (SqFt)	Last Inspection Date	Age At Inspection	PCI
TW B (TAXIWAY B)	205	01/01/2010	AAC	TAXIWAY	P	0	7,250.00	01/01/2010	0	100.00
TW B (TAXIWAY B)	210	01/01/2010	AAC	TAXIWAY	P	0	94,500.00	01/01/2010	0	100.00
TW B (TAXIWAY B)	215	01/01/2010	AAC	TAXIWAY	P	0	2,600.00	04/16/2012	2	87.00
TW B (TAXIWAY B)	216	01/01/2010	AAC	TAXIWAY	P	0	2,618.00	04/16/2012	2	63.00
TW B (TAXIWAY B)	220	01/01/2010	AAC	TAXIWAY	P	0	13,000.00	01/01/2010	0	100.00
TW B (TAXIWAY B)	225	01/01/2010	AAC	TAXIWAY	P	0	1,738.00	04/16/2012	2	78.00
TW B (TAXIWAY B)	226	01/01/2010	APC	TAXIWAY	P	0	2,200.00	04/16/2012	2	78.00
TW B (TAXIWAY B)	230	01/01/2010	AAC	TAXIWAY	P	0	27,150.00	01/01/2010	0	100.00
TW B (TAXIWAY B)	235	01/01/2010	AAC	TAXIWAY	P	0	23,650.00	01/01/2010	0	100.00
TW C (TAXIWAY C)	120	01/01/2010	AAC	TAXIWAY	P	0	5,000.00	01/01/2010	0	100.00
TW C (TAXIWAY C)	125	01/01/2010	PCC	TAXIWAY	P	0	35,197.00	01/01/2010	0	100.00
TW C (TAXIWAY C)	130	01/01/2004	PCC	TAXIWAY	P	0	10,000.00	04/16/2012	8	97.00
TW C (TAXIWAY C)	140	01/01/2004	PCC	TAXIWAY	P	0	15,000.00	04/16/2012	8	98.00
TW C (TAXIWAY C)	145	01/01/2004	AC	TAXIWAY	P	0	9,211.00	04/16/2012	8	84.00
TW D (TAXIWAY D)	405	01/01/2004	AC	TAXIWAY	P	0	10,250.00	04/17/2012	8	92.00
TW D (TAXIWAY D)	410	01/01/1944	AC	TAXIWAY	P	0	30,000.00	04/17/2012	68	81.00
TW D (TAXIWAY D)	412	01/01/1996	AAC	TAXIWAY	P	0	8,500.00	04/16/2012	16	72.00
TW D (TAXIWAY D)	415	01/01/2004	AC	TAXIWAY	P	0	11,500.00	04/16/2012	8	90.00
TW D (TAXIWAY D)	417	01/01/1996	AAC	TAXIWAY	P	0	13,900.00	04/16/2012	16	89.00
TW D (TAXIWAY D)	420	01/01/2004	AC	TAXIWAY	P	0	59,700.00	04/16/2012	8	80.00
TW D (TAXIWAY D)	425	01/01/2004	AAC	TAXIWAY	P	0	4,620.00	04/16/2012	8	77.00
TW D (TAXIWAY D)	426	01/01/2004	AAC	TAXIWAY	P	0	5,200.00	04/16/2012	8	74.00
TW D (TAXIWAY D)	430	01/01/2004	AC	TAXIWAY	P	0	17,500.00	04/16/2012	8	84.00
TW D (TAXIWAY D)	435	01/01/2004	AC	TAXIWAY	P	0	3,420.00	04/16/2012	8	75.00
TW E (TAXIWAY E)	510	01/01/2011	AC	TAXIWAY	P	0	75,150.00	01/01/2011	0	100.00
TW W AP (TAXIWAY TO WEST APRON)	505	01/01/1987	AC	TAXIWAY	P	0	6,164.00	04/17/2012	25	68.00

Section Condition Report

Pavement Database:

Age Category	Average Age At Inspection	Total Area (SqFt)	Number of Sections	Arithmetic Average PCI	PCI Standard Deviation	Weighted Average PCI
0-02	0.47	833,753.00	17	94.47	10.81	99.74
06-10	8.00	1,081,132.00	20	86.20	7.26	80.39
11-15	12.33	83,450.00	3	64.67	17.46	65.84
16-20	16.75	204,900.00	4	74.00	13.02	60.09
21-25	25.00	50,364.00	3	55.33	10.62	48.57
over 40	68.00	87,025.00	4	40.75	39.76	36.77
All	12.14	2,340,624.00	51	81.35	21.86	82.68

APPENDIX D

PAVEMENT CONDITION PREDICTION TABLE
PREDICTED PCI BY PAVEMENT USE GRAPH

Table D-1: Pavement Condition Prediction

Branch Name	Branch ID	Section ID	Current PCI	PCI Forecast									
				2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
North Apron - Terminal	AP N	4205	42	42	40	38	37	35	33	31	29	27	24
North Apron - Terminal	AP N	4210	2	2	1	0	0	0	0	0	0	0	0
North Apron - Terminal	AP N	4215	54	54	53	51	50	49	48	46	45	43	42
North Apron - Terminal	AP N	4220	0	0	0	0	0	0	0	0	0	0	0
North Apron - Terminal	AP N	4240	89	89	87	85	83	81	79	78	76	75	74
Northwest Apron	AP NW	4105	46	46	44	43	41	40	38	36	34	32	30
Northwest Apron	AP NW	4110	56	56	55	54	52	51	50	49	47	46	45
North Run Up Apron	AP RU N	4510	93	93	90	88	86	84	83	81	79	78	76
T-Hangar Apron	AP T-HANG	4305	88	88	86	84	82	80	79	77	76	74	73
T-Hangar Apron	AP T-HANG	4310	60	60	59	58	57	55	54	53	52	51	50
Runway 13-31	RW 13-31	6205	100	91	87	84	81	79	76	74	72	70	68
Runway 13-31	RW 13-31	6210	100	91	87	84	81	79	76	74	72	70	68
Runway 13-31	RW 13-31	6215	100	91	87	84	81	79	76	74	72	70	68
Runway 13-31	RW 13-31	6225	100	91	87	84	81	79	76	74	72	70	68
Runway 4-22	RW 4-22	6105	73	73	71	69	67	66	64	63	62	61	60
Runway 9-27	RW 9-27	6305	85	85	84	83	82	81	80	79	78	77	76
Runway 9-27	RW 9-27	6335	95	95	94	93	92	91	90	89	88	87	86
Taxiway Alpha	TW A	310	100	92	89	86	84	81	79	78	76	75	73
Taxiway Alpha	TW A	315	85	85	82	80	78	77	75	74	72	71	70
Taxiway Alpha	TW A	320	89	88	86	83	81	79	77	76	74	73	72
Taxiway Alpha	TW A	325	88	88	86	84	82	81	79	78	76	75	73
Taxiway Alpha	TW A	330	91	90	88	85	83	81	79	77	75	74	73
Taxiway Alpha	TW A	335	85	84	82	80	78	77	75	74	72	71	70
Taxiway Alpha	TW A	340	80	80	78	77	75	74	73	71	70	69	68
Taxiway Alpha	TW A	350	81	81	79	77	75	74	73	72	71	70	69

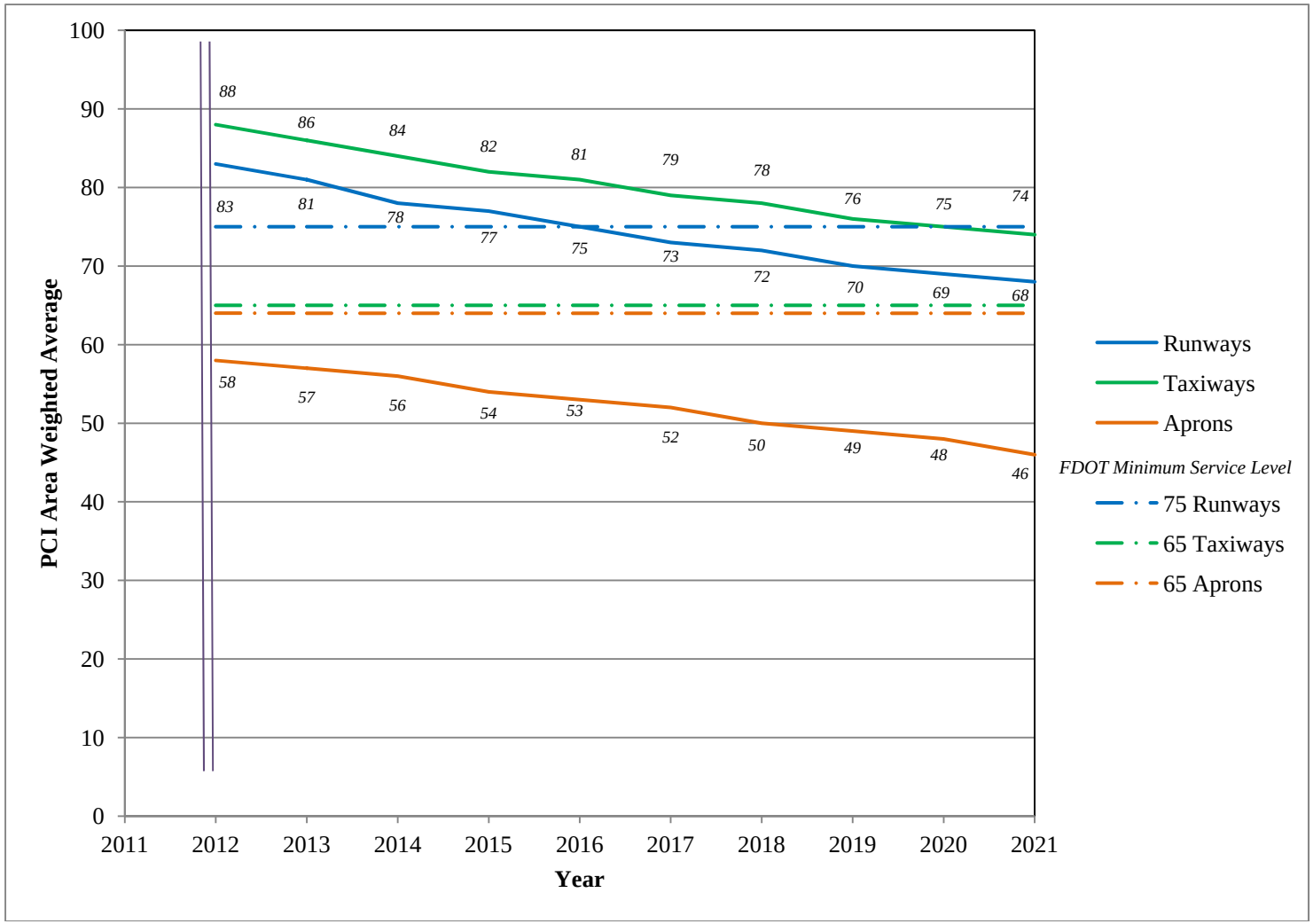
Table D-1: Pavement Condition Prediction (Continued)

Branch Name	Branch ID	Section ID	Current PCI	PCI Forecast									
				2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Taxiway Bravo	TW B	205	100	92	89	86	84	81	79	78	76	75	73
Taxiway Bravo	TW B	210	100	92	89	86	84	81	79	78	76	75	73
Taxiway Bravo	TW B	215	87	86	84	82	80	78	76	75	73	72	71
Taxiway Bravo	TW B	216	63	63	62	61	60	59	58	57	56	54	52
Taxiway Bravo	TW B	220	100	92	89	86	84	81	79	78	76	75	73
Taxiway Bravo	TW B	225	78	78	76	75	73	72	71	70	69	68	68
Taxiway Bravo	TW B	226	78	78	76	75	73	72	71	70	69	68	68
Taxiway Bravo	TW B	230	100	92	89	86	84	81	79	78	76	75	73
Taxiway Bravo	TW B	235	100	92	89	86	84	81	79	78	76	75	73
Taxiway Charlie	TW C	120	100	92	89	86	84	81	79	78	76	75	73
Taxiway Charlie	TW C	125	100	97	96	95	94	93	92	91	90	89	88
Taxiway Charlie	TW C	130	97	97	96	95	94	93	92	91	90	89	88
Taxiway Charlie	TW C	140	98	98	97	96	95	94	93	92	91	90	89
Taxiway Charlie	TW C	145	84	84	82	80	79	77	76	75	73	72	71
Taxiway Delta	TW D	405	92	92	90	88	86	84	83	81	79	78	76
Taxiway Delta	TW D	410	81	81	79	78	76	75	73	72	71	70	68
Taxiway Delta	TW D	412	72	72	71	70	69	68	68	67	66	66	65
Taxiway Delta	TW D	415	90	90	88	86	84	83	81	79	78	76	75
Taxiway Delta	TW D	417	89	88	86	83	81	79	77	76	74	73	72
Taxiway Delta	TW D	420	80	80	78	77	75	74	73	71	70	69	68
Taxiway Delta	TW D	425	77	77	75	74	73	71	70	70	69	68	67
Taxiway Delta	TW D	426	74	74	73	71	70	70	69	68	67	67	66
Taxiway Delta	TW D	430	84	84	82	80	79	77	76	75	73	72	71
Taxiway Delta	TW D	435	75	75	73	72	71	70	68	67	66	65	64
Taxiway Echo	TW E	510	100	97	95	92	91	89	87	85	83	82	80

Table D-1: Pavement Condition Prediction (Continued)

Branch Name	Branch ID	Section ID	Current PCI	PCI Forecast									
				2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Taxiway to West Apron	TW W AP	505	68	68	67	65	64	63	62	61	60	59	58

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
North Apron - Terminal	AP N	4240	WEATH/RAVEL	L	Surface Seal - Rejuvenating	10,133.20	SqFt	$0.40	$4,053.30
North Run Up Apron	AP RU N	4510	WEATH/RAVEL	L	Surface Seal - Rejuvenating	706.60	SqFt	$0.40	$282.62
T-Hangar Apron	AP T-HANG	4305	WEATH/RAVEL	L	Surface Seal - Rejuvenating	2,477.40	SqFt	$0.40	$990.96
Runway 4-22	RW 4-22	6105	WEATH/RAVEL	M	Surface Seal - Coat Tar	250.80	SqFt	$0.40	$100.34
Runway 4-22	RW 4-22	6105	WEATH/RAVEL	L	Surface Seal - Rejuvenating	107,409.40	SqFt	$0.40	$42,964.12
Runway 4-22	RW 4-22	6105	L & T CR	M	Crack Sealing - AC	1,585.30	Ft	$2.25	$3,566.94
Runway 4-22	RW 4-22	6105	SWELLING	M	Patching - AC Deep	2,243.40	SqFt	$4.90	$10,992.79
Runway 9-27	RW 9-27	6305	JOINT SPALL	H	Patching - PCC Partial Depth	68.60	SqFt	$19.06	$1,307.90
Taxiway Alpha	TW A	315	WEATH/RAVEL	L	Surface Seal - Rejuvenating	2,929.20	SqFt	$0.40	$1,171.68
Taxiway Alpha	TW A	320	WEATH/RAVEL	L	Surface Seal - Rejuvenating	2,288.00	SqFt	$0.40	$915.21
Taxiway Alpha	TW A	325	WEATH/RAVEL	L	Surface Seal - Rejuvenating	4,895.30	SqFt	$0.40	$1,958.15
Taxiway Alpha	TW A	330	WEATH/RAVEL	L	Surface Seal - Rejuvenating	443.90	SqFt	$0.40	$177.55
Taxiway Alpha	TW A	335	WEATH/RAVEL	L	Surface Seal - Rejuvenating	2,601.10	SqFt	$0.40	$1,040.44
Taxiway Alpha	TW A	340	WEATH/RAVEL	L	Surface Seal - Rejuvenating	592.00	SqFt	$0.40	$236.81
Taxiway Alpha	TW A	350	WEATH/RAVEL	L	Surface Seal - Rejuvenating	9,708.20	SqFt	$0.40	$3,883.30
Taxiway Bravo	TW B	215	WEATH/RAVEL	L	Surface Seal - Rejuvenating	166.00	SqFt	$0.40	$66.39
Taxiway Bravo	TW B	225	WEATH/RAVEL	L	Surface Seal - Rejuvenating	261.30	SqFt	$0.40	$104.51
Taxiway Bravo	TW B	226	WEATH/RAVEL	L	Surface Seal - Rejuvenating	393.10	SqFt	$0.40	$157.26
Taxiway Bravo	TW B	226	WEATH/RAVEL	M	Surface Seal - Coat Tar	13.70	SqFt	$0.40	$5.47
Taxiway Charlie	TW C	145	WEATH/RAVEL	L	Surface Seal - Rejuvenating	555.70	SqFt	$0.40	$222.30
Taxiway Delta	TW D	405	WEATH/RAVEL	L	Surface Seal - Rejuvenating	590.90	SqFt	$0.40	$236.38
Taxiway Delta	TW D	410	WEATH/RAVEL	L	Surface Seal - Rejuvenating	14,458.40	SqFt	$0.40	$5,783.40
Taxiway Delta	TW D	412	WEATH/RAVEL	M	Surface Seal - Coat Tar	43.80	SqFt	$0.40	$17.51
Taxiway Delta	TW D	412	WEATH/RAVEL	L	Surface Seal - Rejuvenating	2,954.50	SqFt	$0.40	$1,181.79

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 Delta	TW D	415	WEATH/RAVEL	L	Surface Seal - Rejuvenating	746.30	SqFt	$0.40	$298.53
Taxiway Delta	TW D	417	WEATH/RAVEL	L	Surface Seal - Rejuvenating	1,517.80	SqFt	$0.40	$607.14
Taxiway Delta	TW D	420	WEATH/RAVEL	L	Surface Seal - Rejuvenating	13,461.40	SqFt	$0.40	$5,384.59
Taxiway Delta	TW D	425	WEATH/RAVEL	L	Surface Seal - Rejuvenating	1,687.30	SqFt	$0.40	$674.93
Taxiway Delta	TW D	426	WEATH/RAVEL	L	Surface Seal - Rejuvenating	891.30	SqFt	$0.40	$356.52
Taxiway Delta	TW D	426	WEATH/RAVEL	M	Surface Seal - Coat Tar	71.90	SqFt	$0.40	$28.75
Taxiway Delta	TW D	430	WEATH/RAVEL	L	Surface Seal - Rejuvenating	2,468.20	SqFt	$0.40	$987.29
Taxiway Delta	TW D	435	WEATH/RAVEL	L	Surface Seal - Rejuvenating	748.30	SqFt	$0.40	$299.32
Taxiway to West Apron	TW W AP	505	WEATH/RAVEL	M	Surface Seal - Coat Tar	33.00	SqFt	$0.40	$13.21
Taxiway to West Apron	TW W AP	505	L & T CR	M	Crack Sealing - AC	18.70	Ft	$2.25	$42.12
Taxiway to West Apron	TW W AP	505	WEATH/RAVEL	L	Surface Seal - Rejuvenating	3,335.50	SqFt	$0.40	$1,334.20
								Total =	$91,443.72

APPENDIX F

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

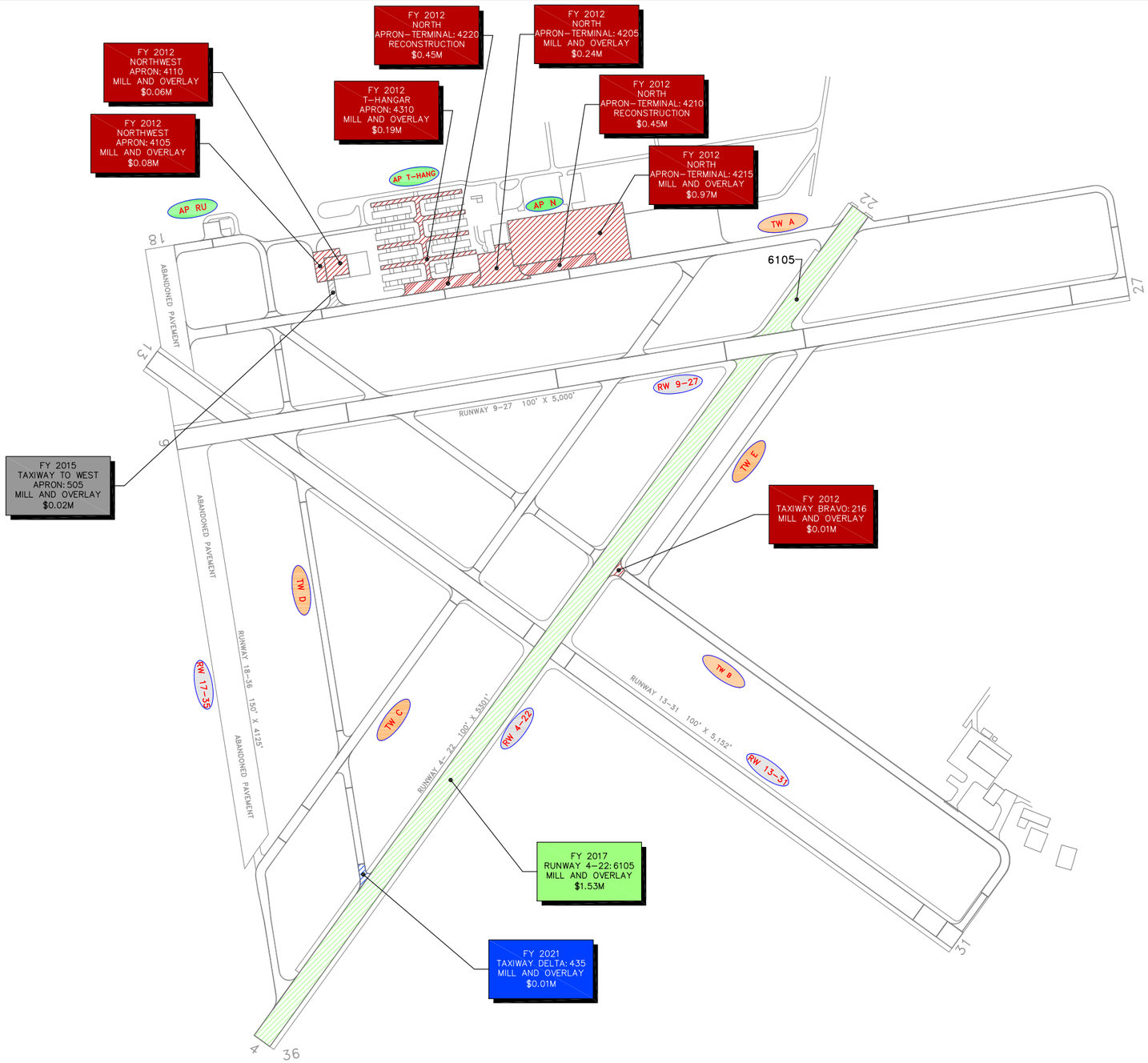
Table F-1: Major M&R Plan by Year under Unlimited Funding Scenario

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	North Apron - Terminal	4205	AC	32,000	$243,520.12	42	Mill and Overlay	100
2012	North Apron - Terminal	4210	PCC	24,000	$445,679.97	2	Reconstruction	100
2012	North Apron - Terminal	4215	AC	160,000	$966,080.48	54	Mill and Overlay	100
2012	North Apron - Terminal	4220	PCC	24,000	$445,679.97	0	Reconstruction	100
2012	Northwest Apron	4105	AC	10,200	$77,622.04	46	Mill and Overlay	100
2012	Northwest Apron	4110	AC	12,200	$64,074.43	56	Mill and Overlay	100
2012	T-Hangar Apron	4310	AC	50,750	$186,760.04	60	Mill and Overlay	100
2012	Taxiway Bravo	216	AAC	2,618	$7,450.83	63	Mill and Overlay	100
2015	Taxiway to West Apron	505	AC	6,164	$17,296.94	64	Mill and Overlay	100
2017	Runway 4-22	6105	AAC	514,500	$1,531,674.52	64	Mill and Overlay	100
2021	Taxiway Delta	435	AC	3,420	$11,459.25	64	Mill and Overlay	100
				Total	**$3,997,298.59**	**57**		**100**

* Costs are adjusted for inflation.

APPENDIX G

10-YEAR M&R MAP



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"

PLOTTED: June 7, 2012 – 9:51 AM, BY: Burton, George A

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

P:\Com_Shared\FDOT Aviation 2010-2011\2010-2011-Phase II\CAD\Revised Airports\FHB\EXHIBITS\004-FHB-MAINTENANCE.dwg

10-YEAR M&R MAP

FERNANDINA BEACH MUNICIPAL AIRPORT
NASSAU COUNTY, FLORIDA

FLORIDA DEPARTMENT OF TRANSPORTATION - AVIATION OFFICE

IDENTIFIER: FHB

FDOT DISTRICT: 2

APPENDIX H

PHOTOGRAPHS

Runway 9-27, Section 6305, Sample Unit 304 – Medium severity (70) Scaling / Map Cracking / Crazing

Taxiway Alpha, Section 335, Sample Unit 149 – Low severity (48) Longitudinal and Transverse Cracking.

Runway 4-22, Section 6105, Sample Unit 199 – Low severity (48) Longitudinal and Transverse Cracking and low severity (52) Weathering and Raveling.

Runway 4-22, Section 6105, Sample Unit 136 – Low severity (48) Longitudinal / Transverse Cracking, low severity (50) Patching and low severity (52) Weathering and Raveling.

Taxiway Charlie, Section 125, Sample Unit 100 – New Pavement, No Distress.

Apron North – Terminal, Section 4210, Sample Unit 219 – Low severity (65) Joint Seal Damage, low severity (70) Scaling, and high severity (72) Shattered Slab.

APPENDIX I

PCI RE-INSPECTION REPORT

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: AP N Name: NORTH APRON - TERMINAL Use: APRON Area: 353,740.00SqFt

Section: 4205 of 5 From: - To: - Last Const.: 1/1/1987
Surface: AC Family: FDOT-RL-AP-AC Zone: Category: Rank: P
Area: 32,000.00SqFt Length: 160.00Ft Width: 200.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/17/2012 Total Samples: 6 Surveyed: 1
Conditions: PCI:42.00 |
Inspection Comments:

Sample Number: 101 Type: R Area: 5,000.05SqFt PCI = 42
Sample Comments:

43 BLOCK CR	L	4,200.00 SqFt	Comments:
43 BLOCK CR	M	800.00 SqFt	Comments:
52 WEATH/RAVEL	L	5,000.00 SqFt	Comments:
56 SWELLING	L	640.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: AP N Name: NORTH APRON - TERMINAL Use: APRON Area: 353,740.00SqFt

Section: 4210 of 5 From: - To: - Last Const.: 1/1/1944
Surface: PCC Family: FDOT-RL-PCC Zone: Category: Rank: P
Area: 24,000.00SqFt Length: 400.00Ft Width: 60.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/17/2012 Total Samples: 4 Surveyed: 1
Conditions: PCI:2.00 |
Inspection Comments:

Sample Number: 219 Type: R Area: 15.48Slabs PCI = 2
Sample Comments:

63 LINEAR CR	L	1.00 Slabs	Comments:
63 LINEAR CR	M	4.00 Slabs	Comments:
65 JT SEAL DMG	L	15.00 Slabs	Comments:
70 SCALING	L	7.00 Slabs	Comments:
70 SCALING	M	1.00 Slabs	Comments:
72 SHAT. SLAB	H	3.00 Slabs	Comments:
72 SHAT. SLAB	L	2.00 Slabs	Comments:
72 SHAT. SLAB	M	4.00 Slabs	Comments:
74 JOINT SPALL	L	2.00 Slabs	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: AP N Name: NORTH APRON - TERMINAL Use: APRON Area: 353,740.00SqFt

Section: 4215 of 5 From: - To: - Last Const.: 1/1/1993
Surface: AC Family: FDOT-RL-AP-AC Zone: Category: Rank: P
Area: 160,000.00SqFt Length: 600.00Ft Width: 250.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/17/2012 Total Samples: 32 Surveyed: 4
Conditions: PCI:54.00 |
Inspection Comments:

Sample Number: 100 Type: R Area: 5,000.05SqFt PCI = 64
Sample Comments:

48 L & T CR	L	214.00 Ft	Comments:
48 L & T CR	M	13.00 Ft	Comments:
50 PATCHING	L	0.25 SqFt	Comments:
52 WEATH/RAVEL	L	1,300.00 SqFt	Comments:
56 SWELLING	L	600.00 SqFt	Comments:

Sample Number: 203 Type: R Area: 5,000.05SqFt PCI = 53
Sample Comments:

48 L & T CR	L	799.00 Ft	Comments:
48 L & T CR	M	15.00 Ft	Comments:
49 OIL SPILLAGE	L	2.00 SqFt	Comments:
52 WEATH/RAVEL	L	1,450.00 SqFt	Comments:
56 SWELLING	L	870.00 SqFt	Comments:

Sample Number: 251 Type: R Area: 5,000.05SqFt PCI = 54
Sample Comments:

48 L & T CR	L	860.00 Ft	Comments:
48 L & T CR	M	11.00 Ft	Comments:
52 WEATH/RAVEL	L	1,450.00 SqFt	Comments:
56 SWELLING	L	830.00 SqFt	Comments:

Sample Number: 254 Type: R Area: 5,000.05SqFt PCI = 46
Sample Comments:

48 L & T CR	L	944.00 Ft	Comments:
48 L & T CR	M	27.00 Ft	Comments:
50 PATCHING	L	0.25 SqFt	Comments:
52 WEATH/RAVEL	L	1,680.00 SqFt	Comments:
52 WEATH/RAVEL	M	20.00 SqFt	Comments:
56 SWELLING	L	900.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: AP N Name: NORTH APRON - TERMINAL Use: APRON Area: 353,740.00SqFt

Section: 4220 of 5 From: - To: - Last Const.: 1/1/1944
Surface: PCC Family: FDOT-RL-PCC Zone: Category: Rank: P
Area: 24,000.00SqFt Length: 400.00Ft Width: 60.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/17/2012 Total Samples: 4 Surveyed: 1
Conditions: PCI:0.00 |
Inspection Comments:

Sample Number: 212 Type: R Area: 15.00Slabs PCI = 0
Sample Comments:

63 LINEAR CR	H	3.00	Slabs	Comments:
65 JT SEAL DMG	H	15.00	Slabs	Comments:
70 SCALING	L	15.00	Slabs	Comments:
71 FAULTING	H	3.00	Slabs	Comments:
71 FAULTING	L	8.00	Slabs	Comments:
71 FAULTING	M	1.00	Slabs	Comments:
72 SHAT. SLAB	H	5.00	Slabs	Comments:
72 SHAT. SLAB	L	6.00	Slabs	Comments:
72 SHAT. SLAB	M	1.00	Slabs	Comments:
74 JOINT SPALL	L	3.00	Slabs	Comments:
75 CORNER SPALL	L	2.00	Slabs	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: AP N Name: NORTH APRON - TERMINAL Use: APRON Area: 353,740.00SqFt

Section: 4240 of 5 From: To: Last Const.: 1/1/2004
Surface: AC Family: FDOT-RL-AP-AC Zone: Category: Rank: T
Area: 113,740.00SqFt Length: 480.00Ft Width: 235.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/17/2012 Total Samples: 25 Surveyed: 3
Conditions: PCI:89.00 |
Inspection Comments:

Sample Number: 303 Type: R Area: 5,000.05SqFt PCI = 94
Sample Comments:

52 WEATH/RAVEL	L	200.00 SqFt	Comments:

Sample Number: 401 Type: R Area: 4,097.28SqFt PCI = 81
Sample Comments:

49 OIL SPILLAGE	L	6.00 SqFt	Comments:
50 PATCHING	L	300.00 SqFt	Comments:
52 WEATH/RAVEL	L	420.00 SqFt	Comments:

Sample Number: 404 Type: R Area: 5,000.05SqFt PCI = 92
Sample Comments:

52 WEATH/RAVEL	L	375.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: AP NW Name: NORTHWEST APRON Use: APRON Area: 22,400.00SqFt

Section: 4105 of 2 From: - To: - Last Const.: 1/1/2000
Surface: AC Family: FDOT-RL-AP-AC Zone: Category: Rank: P
Area: 10,200.00SqFt Length: 150.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/17/2012 Total Samples: 2 Surveyed: 1
Conditions: PCI:46.00 |
Inspection Comments:

Sample Number: 100 Type: R Area: 5,209.95SqFt PCI = 46
Sample Comments:

45 DEPRESSION	L	68.00	SqFt	Comments:
48 L & T CR	L	485.00	Ft	Comments:
50 PATCHING	L	0.50	SqFt	Comments:
52 WEATH/RAVEL	L	5,200.00	SqFt	Comments:
56 SWELLING	L	980.00	SqFt	Comments:
56 SWELLING	M	170.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: AP NW Name: NORTHWEST APRON Use: APRON Area: 22,400.00SqFt

Section: 4110 of 2 From: - To: - Last Const.: 1/1/1987
Surface: AC Family: FDOT-RL-AP-AC Zone: Category: Rank: P
Area: 12,200.00SqFt Length: 120.00Ft Width: 100.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/17/2012 Total Samples: 3 Surveyed: 1
Conditions: PCI:56.00 |
Inspection Comments:

Sample Number: 300 Type: R Area: 5,021.26SqFt PCI = 56
Sample Comments:

48 L & T CR	L	861.00	Ft	Comments:
52 WEATH/RAVEL	L	4,925.00	SqFt	Comments:
52 WEATH/RAVEL	M	75.00	SqFt	Comments:
56 SWELLING	L	55.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: AP RU N Name: NORTH RUN UP APRON Use: APRON Area: 7,616.00SqFt

Section: 4510 of 1 From: To: Last Const.: 1/1/2004
Surface: AC Family: FDOT-RL-AP-AC Zone: Category: Rank: T
Area: 7,616.00SqFt Length: 85.00Ft Width: 80.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/17/2012 Total Samples: 2 Surveyed: 1
Conditions: PCI:93.00 |
Inspection Comments:

Sample Number: 100 Type: R Area: 4,574.88SqFt PCI = 93
Sample Comments:

45 DEPRESSION	L	0.00 SqFt	Comments:
52 WEATH/RAVEL	L	220.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: AP T-HANG Name: T-HANGAR APRON Use: APRON Area: 73,250.00SqFt

Section: 4305 of 2 From: - To: - Last Const.: 12/25/200
Surface: AC Family: FDOT-RL-AP-AC Zone: Category: Rank: P
Area: 22,500.00SqFt Length: 900.00Ft Width: 25.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/17/2012 Total Samples: 9 Surveyed: 1
Conditions: PCI:88.00 |
Inspection Comments:

Sample Number: 202 Type: R Area: 2,000.04SqFt PCI = 88
Sample Comments:

50 PATCHING	L	0.25 SqFt	Comments:
52 WEATH/RAVEL	L	210.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: AP T-HANG Name: T-HANGAR APRON Use: APRON Area: 73,250.00SqFt

Section: 4310 of 2 From: - To: - Last Const.: 12/25/199
Surface: AC Family: FDOT-RL-AP-AC Zone: Category: Rank: P
Area: 50,750.00SqFt Length: 2,030.00Ft Width: 25.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/17/2012 Total Samples: 22 Surveyed: 3
Conditions: PCI:60.00 |
Inspection Comments:

Sample Number: 107 Type: R Area: 2,000.04SqFt PCI = 69
Sample Comments:

48 L & T CR	L	238.00	Ft	Comments:
52 WEATH/RAVEL	L	800.00	SqFt	Comments:

Sample Number: 309 Type: R Area: 2,000.04SqFt PCI = 34
Sample Comments:

48 L & T CR	L	9.00	Ft	Comments:
50 PATCHING	L	400.00	SqFt	Comments:
52 WEATH/RAVEL	L	200.00	SqFt	Comments:
52 WEATH/RAVEL	M	1,600.00	SqFt	Comments:

Sample Number: 406 Type: R Area: 2,000.04SqFt PCI = 78
Sample Comments:

52 WEATH/RAVEL	L	1,300.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: RW 13-31 Name: RUNWAY 13-31 Use: RUNWAY Area: 532,700.00SqFt

Section: 6205 of 4 From: - To: - Last Const.: 1/1/2010
Surface: AAC Family: FDOT-RL-RW-AAC Zone: Category: Rank: P
Area: 12,000.00SqFt Length: 120.00Ft Width: 100.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date5/7/2007 Total Samples: 5 Surveyed: 1
Conditions: PCI:80.00 |
Inspection Comments:

Sample Number: 302 Type: R Area: 5,000.00SqFt PCI = 80
Sample Comments:

52 WEATH/RAVEL	L	2,500.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: RW 13-31 Name: RUNWAY 13-31 Use: RUNWAY Area: 532,700.00SqFt

Section: 6210 of 4 From: - To: - Last Const.: 1/1/2010
Surface: AAC Family: FDOT-RL-RW-AAC Zone: Category: Rank: P
Area: 11,000.00SqFt Length: 110.00Ft Width: 100.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date5/7/2007 Total Samples: 3 Surveyed: 1
Conditions: PCI:38.00 |
Inspection Comments:

Sample Number: 300 Type: R Area: 5,000.00SqFt PCI = 38
Sample Comments:

48 L & T CR	L	40.00	Ft	Comments:
52 WEATH/RAVEL	H	360.00	SqFt	Comments:
52 WEATH/RAVEL	L	1,000.00	SqFt	Comments:
52 WEATH/RAVEL	M	1,000.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: RW 13-31 Name: RUNWAY 13-31 Use: RUNWAY Area: 532,700.00SqFt

Section: 6215 of 4 From: - To: - Last Const.: 1/1/2010
Surface: AAC Family: FDOT-RL-RW-AAC Zone: Category: Rank: P
Area: 493,200.00SqFt Length: 4,690.00Ft Width: 100.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date5/7/2007 Total Samples: 113 Surveyed: 17
Conditions: PCI:38.00 |
Inspection Comments:

Sample Number: 305 Type: R Area: 5,000.00SqFt PCI = 53
Sample Comments:

43 BLOCK CR	M	1,850.00	SqFt	Comments:
48 L & T CR	L	350.00	Ft	Comments:
52 WEATH/RAVEL	L	2,500.00	SqFt	Comments:

Sample Number: 308 Type: R Area: 5,000.00SqFt PCI = 49
Sample Comments:

43 BLOCK CR	L	900.00	SqFt	Comments:
43 BLOCK CR	M	2,500.00	SqFt	Comments:
48 L & T CR	L	169.00	Ft	Comments:

Sample Number: 312 Type: R Area: 5,000.00SqFt PCI = 32
Sample Comments:

43 BLOCK CR	L	1,500.00	SqFt	Comments:
43 BLOCK CR	M	2,500.00	SqFt	Comments:
48 L & T CR	L	200.00	Ft	Comments:
52 WEATH/RAVEL	L	1,500.00	SqFt	Comments:
52 WEATH/RAVEL	M	1,620.00	SqFt	Comments:

Sample Number: 315 Type: R Area: 5,000.00SqFt PCI = 25
Sample Comments:

43 BLOCK CR	M	2,500.00	SqFt	Comments:
48 L & T CR	L	300.00	Ft	Comments:
52 WEATH/RAVEL	H	315.00	SqFt	Comments:
52 WEATH/RAVEL	L	1,000.00	SqFt	Comments:
52 WEATH/RAVEL	M	1,000.00	SqFt	Comments:

Sample Number: 322 Type: R Area: 5,000.00SqFt PCI = 44
Sample Comments:

43 BLOCK CR	M	1,650.00	SqFt	Comments:
48 L & T CR	L	195.00	Ft	Comments:
52 WEATH/RAVEL	H	36.00	SqFt	Comments:
52 WEATH/RAVEL	M	1,650.00	SqFt	Comments:

Sample Number: 329 Type: R Area: 5,000.00SqFt PCI = 24
Sample Comments:

43 BLOCK CR	M	3,250.00	SqFt	Comments:
48 L & T CR	L	245.00	Ft	Comments:
52 WEATH/RAVEL	H	108.00	SqFt	Comments:
52 WEATH/RAVEL	L	1,000.00	SqFt	Comments:
52 WEATH/RAVEL	M	2,500.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Sample Number: 335 Type: R Area: 5,000.00SqFt PCI = 46
Sample Comments:

43 BLOCK CR	L	1,000.00	SqFt	Comments:
43 BLOCK CR	M	2,000.00	SqFt	Comments:
48 L & T CR	L	138.00	Ft	Comments:
52 WEATH/RAVEL	H	72.00	SqFt	Comments:

Sample Number: 340 Type: R Area: 5,000.00SqFt PCI = 30
Sample Comments:

43 BLOCK CR	M	3,250.00	SqFt	Comments:
48 L & T CR	L	125.00	Ft	Comments:
52 WEATH/RAVEL	H	12.00	SqFt	Comments:
52 WEATH/RAVEL	L	1,000.00	SqFt	Comments:
52 WEATH/RAVEL	M	2,500.00	SqFt	Comments:

Sample Number: 345 Type: R Area: 5,000.00SqFt PCI = 27
Sample Comments:

43 BLOCK CR	L	1,000.00	SqFt	Comments:
43 BLOCK CR	M	3,000.00	SqFt	Comments:
48 L & T CR	L	50.00	Ft	Comments:
52 WEATH/RAVEL	H	81.00	SqFt	Comments:
52 WEATH/RAVEL	M	2,500.00	SqFt	Comments:

Sample Number: 359 Type: R Area: 5,000.00SqFt PCI = 33
Sample Comments:

43 BLOCK CR	L	2,600.00	SqFt	Comments:
48 L & T CR	L	150.00	Ft	Comments:
48 L & T CR	M	38.00	Ft	Comments:
52 WEATH/RAVEL	H	240.00	SqFt	Comments:
52 WEATH/RAVEL	L	1,880.00	SqFt	Comments:
52 WEATH/RAVEL	M	700.00	SqFt	Comments:

Sample Number: 365 Type: R Area: 5,000.00SqFt PCI = 24
Sample Comments:

43 BLOCK CR	L	3,050.00	SqFt	Comments:
48 L & T CR	L	62.00	Ft	Comments:
48 L & T CR	M	210.00	Ft	Comments:
52 WEATH/RAVEL	H	250.00	SqFt	Comments:
52 WEATH/RAVEL	L	3,100.00	SqFt	Comments:
52 WEATH/RAVEL	M	1,650.00	SqFt	Comments:

Sample Number: 372 Type: R Area: 5,000.00SqFt PCI = 38
Sample Comments:

43 BLOCK CR	L	1,350.00	SqFt	Comments:
43 BLOCK CR	M	1,050.00	SqFt	Comments:
48 L & T CR	L	180.00	Ft	Comments:
48 L & T CR	M	61.00	Ft	Comments:
52 WEATH/RAVEL	L	800.00	SqFt	Comments:
52 WEATH/RAVEL	M	1,250.00	SqFt	Comments:

Sample Number: 376 Type: R Area: 5,000.00SqFt PCI = 28
Sample Comments:

43 BLOCK CR	L	2,015.00	SqFt	Comments:
48 L & T CR	L	130.00	Ft	Comments:
48 L & T CR	M	229.00	Ft	Comments:
52 WEATH/RAVEL	H	350.00	SqFt	Comments:
52 WEATH/RAVEL	L	1,200.00	SqFt	Comments:
52 WEATH/RAVEL	M	350.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Sample Number: 381 Type: R Area: 5,000.00SqFt PCI = 51
Sample Comments:

43 BLOCK CR	L	1,440.00	SqFt	Comments:
48 L & T CR	L	260.00	Ft	Comments:
48 L & T CR	M	184.00	Ft	Comments:
52 WEATH/RAVEL	L	1,500.00	SqFt	Comments:
52 WEATH/RAVEL	M	300.00	SqFt	Comments:

Sample Number: 387 Type: R Area: 3,200.00SqFt PCI = 45
Sample Comments:

43 BLOCK CR	L	2,730.00	SqFt	Comments:
50 PATCHING	L	0.10	SqFt	Comments:
52 WEATH/RAVEL	L	1,800.00	SqFt	Comments:
52 WEATH/RAVEL	M	720.00	SqFt	Comments:

Sample Number: 395 Type: R Area: 5,000.00SqFt PCI = 42
Sample Comments:

43 BLOCK CR	M	600.00	SqFt	Comments:
48 L & T CR	H	58.00	Ft	Comments:
48 L & T CR	L	120.00	Ft	Comments:
48 L & T CR	M	279.00	Ft	Comments:
52 WEATH/RAVEL	M	1,180.00	SqFt	Comments:

Sample Number: 402 Type: R Area: 5,000.00SqFt PCI = 50
Sample Comments:

43 BLOCK CR	L	1,580.00	SqFt	Comments:
43 BLOCK CR	M	180.00	SqFt	Comments:
48 L & T CR	L	137.00	Ft	Comments:
48 L & T CR	M	70.00	Ft	Comments:
52 WEATH/RAVEL	L	1,600.00	SqFt	Comments:
52 WEATH/RAVEL	M	175.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: RW 13-31 Name: RUNWAY 13-31 Use: RUNWAY Area: 532,700.00SqFt

Section: 6225 of 4 From: - To: - Last Const.: 1/1/2010
Surface: AAC Family: FDOT-RL-RW-AAC Zone: Category: Rank: P
Area: 16,500.00SqFt Length: 165.00Ft Width: 100.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date5/7/2007 Total Samples: 3 Surveyed: 2
Conditions: PCI:79.00 |
Inspection Comments:

Sample Number: 350 Type: R Area: 5,000.00SqFt PCI = 69
Sample Comments:

52 WEATH/RAVEL	M	1,200.00 SqFt	Comments:

Sample Number: 354 Type: R Area: 5,000.00SqFt PCI = 88
Sample Comments:

45 DEPRESSION	L	55.00 SqFt	Comments:
48 L & T CR	L	100.00 Ft	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: RW 4-22 Name: RUNWAY 4-22 Use: RUNWAY Area: 514,500.00SqFt

Section: 6105 of 1 From: - To: - Last Const.: 1/1/2004
Surface: AAC Family: FDOT-RL-RW-AAC Zone: Category: Rank: P
Area: 514,500.00SqFt Length: 5,100.00Ft Width: 100.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/16/2012 Total Samples: 102 Surveyed: 20
Conditions: PCI:73.00 |
Inspection Comments:

Sample Number: 101 Type: R Area: 5,000.05SqFt PCI = 72
Sample Comments:

48 L & T CR	L	170.00 Ft	Comments:
52 WEATH/RAVEL	L	2,600.00 SqFt	Comments:
56 SWELLING	L	30.00 SqFt	Comments:

Sample Number: 108 Type: R Area: 5,000.05SqFt PCI = 81
Sample Comments:

48 L & T CR	L	230.00 Ft	Comments:
52 WEATH/RAVEL	L	925.00 SqFt	Comments:

Sample Number: 115 Type: R Area: 5,000.05SqFt PCI = 75
Sample Comments:

48 L & T CR	L	217.00 Ft	Comments:
48 L & T CR	M	19.00 Ft	Comments:
52 WEATH/RAVEL	L	1,160.00 SqFt	Comments:

Sample Number: 122 Type: R Area: 5,000.05SqFt PCI = 70
Sample Comments:

48 L & T CR	L	241.00 Ft	Comments:
48 L & T CR	M	8.00 Ft	Comments:
52 WEATH/RAVEL	L	1,300.00 SqFt	Comments:
52 WEATH/RAVEL	M	50.00 SqFt	Comments:

Sample Number: 126 Type: R Area: 5,000.05SqFt PCI = 83
Sample Comments:

48 L & T CR	L	188.00 Ft	Comments:
52 WEATH/RAVEL	L	650.00 SqFt	Comments:

Sample Number: 129 Type: R Area: 5,000.05SqFt PCI = 81
Sample Comments:

48 L & T CR	L	241.00 Ft	Comments:
52 WEATH/RAVEL	L	910.00 SqFt	Comments:

Sample Number: 136 Type: R Area: 5,000.05SqFt PCI = 81
Sample Comments:

48 L & T CR	L	7.00 Ft	Comments:
50 PATCHING	L	0.25 SqFt	Comments:
52 WEATH/RAVEL	L	1,100.00 SqFt	Comments:

Sample Number: 140 Type: R Area: 5,000.05SqFt PCI = 75
Sample Comments:

48 L & T CR	L	198.00 Ft	Comments:
48 L & T CR	M	68.00 Ft	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

50 PATCHING	L	0.00	SqFt	Comments:
52 WEATH/RAVEL	L	910.00	SqFt	Comments:

Sample Number: 143 Type: R Area: 5,000.05SqFt PCI = 81
Sample Comments:

48 L & T CR	L	229.00	Ft	Comments:
52 WEATH/RAVEL	L	650.00	SqFt	Comments:

Sample Number: 148 Type: R Area: 5,000.05SqFt PCI = 76
Sample Comments:

48 L & T CR	L	122.00	Ft	Comments:
48 L & T CR	M	28.00	Ft	Comments:
52 WEATH/RAVEL	L	1,050.00	SqFt	Comments:

Sample Number: 150 Type: R Area: 5,000.05SqFt PCI = 77
Sample Comments:

48 L & T CR	L	123.00	Ft	Comments:
48 L & T CR	M	60.00	Ft	Comments:
52 WEATH/RAVEL	L	900.00	SqFt	Comments:

Sample Number: 152 Type: R Area: 5,000.05SqFt PCI = 71
Sample Comments:

48 L & T CR	L	134.00	Ft	Comments:
48 L & T CR	M	36.00	Ft	Comments:
50 PATCHING	L	0.25	SqFt	Comments:
52 WEATH/RAVEL	L	860.00	SqFt	Comments:
56 SWELLING	L	70.00	SqFt	Comments:

Sample Number: 157 Type: R Area: 5,000.05SqFt PCI = 76
Sample Comments:

48 L & T CR	L	148.00	Ft	Comments:
48 L & T CR	M	30.00	Ft	Comments:
50 PATCHING	L	0.20	SqFt	Comments:
52 WEATH/RAVEL	L	750.00	SqFt	Comments:

Sample Number: 164 Type: R Area: 5,000.05SqFt PCI = 82
Sample Comments:

48 L & T CR	L	211.00	Ft	Comments:
52 WEATH/RAVEL	L	570.00	SqFt	Comments:

Sample Number: 171 Type: R Area: 5,000.05SqFt PCI = 77
Sample Comments:

48 L & T CR	L	188.00	Ft	Comments:
48 L & T CR	M	9.00	Ft	Comments:
52 WEATH/RAVEL	L	425.00	SqFt	Comments:
56 SWELLING	L	10.00	SqFt	Comments:

Sample Number: 177 Type: R Area: 5,000.05SqFt PCI = 57
Sample Comments:

48 L & T CR	L	344.00	Ft	Comments:
52 WEATH/RAVEL	L	790.00	SqFt	Comments:
56 SWELLING	L	510.00	SqFt	Comments:
56 SWELLING	M	320.00	SqFt	Comments:

Sample Number: 185 Type: R Area: 5,025.89SqFt PCI = 60
Sample Comments:

48 L & T CR	L	209.00	Ft	Comments:
48 L & T CR	M	4.00	Ft	Comments:
52 WEATH/RAVEL	L	2,790.00	SqFt	Comments:

Re-inspection Report

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Report Generated Date: 6/5/2012
Site Name:

53 RUTTING	L	50.00	SqFt	Comments:
56 SWELLING	L	740.00	SqFt	Comments:

Sample Number: 195 Type: R Area: 5,000.05SqFt PCI = 70
Sample Comments:

48 L & T CR	L	164.00	Ft	Comments:
52 WEATH/RAVEL	L	2,300.00	SqFt	Comments:
56 SWELLING	L	225.00	SqFt	Comments:

Sample Number: 199 Type: R Area: 5,000.05SqFt PCI = 60
Sample Comments:

48 L & T CR	L	192.00	Ft	Comments:
48 L & T CR	M	33.00	Ft	Comments:
52 WEATH/RAVEL	L	370.00	SqFt	Comments:
56 SWELLING	L	700.00	SqFt	Comments:
56 SWELLING	M	50.00	SqFt	Comments:

Sample Number: 204 Type: R Area: 5,000.05SqFt PCI = 62
Sample Comments:

48 L & T CR	L	337.00	Ft	Comments:
48 L & T CR	M	21.00	Ft	Comments:
52 WEATH/RAVEL	L	400.00	SqFt	Comments:
56 SWELLING	L	200.00	SqFt	Comments:
56 SWELLING	M	40.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: RW 9-27 Name: RUNWAY 9-27 Use: RUNWAY Area: 495,000.00SqFt

Section: 6305 of 5 From: - To: - Last Const.: 1/1/2004
Surface: PCC Family: FDOT-RL-PCC Zone: Category: Rank: T
Area: 85,000.00SqFt Length: 850.00Ft Width: 100.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/16/2012 Total Samples: 18 Surveyed: 2
Conditions: PCI:85.00 |
Inspection Comments:

Sample Number: 304 Type: R Area: 32.00Slabs PCI = 76
Sample Comments:

66 SMALL PATCH	L	2.00 Slabs	Comments:
70 SCALING/CRAZING	M	5.00 Slabs	Comments:
74 JOINT SPALLING	H	1.00 Slabs	Comments:

Sample Number: 312 Type: R Area: 32.00Slabs PCI = 94
Sample Comments:

65 JOINT SEAL DAMAGE	L	32.00 Slabs	Comments:
66 SMALL PATCH	L	3.00 Slabs	Comments:
70 SCALING/CRAZING	L	2.00 Slabs	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: RW 9-27 Name: RUNWAY 9-27 Use: RUNWAY Area: 495,000.00SqFt

Section: 6335 of 5 From: - To: - Last Const.: 1/1/2004
Surface: PCC Family: FDOT-RL-PCC Zone: Category: Rank: S
Area: 30,000.00SqFt Length: 300.00Ft Width: 100.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/16/2012 Total Samples: 6 Surveyed: 2
Conditions: PCI:95.00 |
Inspection Comments:

Sample Number: 394 Type: R Area: 32.00Slabs PCI = 98
Sample Comments:

65 JOINT SEAL DAMAGE	L	32.00 Slabs	Comments:
66 SMALL PATCH	L	1.00 Slabs	Comments:

Sample Number: 398 Type: R Area: 32.00Slabs PCI = 93
Sample Comments:

65 JOINT SEAL DAMAGE	L	32.00 Slabs	Comments:
70 SCALING/CRAZING	L	4.00 Slabs	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 226,400.00SqFt

Section: 310 of 8 From: - To: - Last Const.: 1/1/2010
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 11,000.00SqFt Length: 220.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date5/7/2007 Total Samples: 3 Surveyed: 1
Conditions: PCI:45.00 |
Inspection Comments:

Sample Number: 101 Type: R Area: 5,000.00SqFt PCI = 45
Sample Comments:

43 BLOCK CR	M	5,000.00 SqFt	Comments:	
50 PATCHING	L	0.10 SqFt	Comments:	

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 226,400.00SqFt

Section: 315 of 8 From: - To: - Last Const.: 1/1/2004
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 32,500.00SqFt Length: 650.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/17/2012 Total Samples: 7 Surveyed: 2
Conditions: PCI:85.00 |
Inspection Comments:

Sample Number: 108 Type: R Area: 4,998.22SqFt PCI = 85
Sample Comments:

48 L & T CR	L	51.00 Ft	Comments:
52 WEATH/RAVEL	L	440.00 SqFt	Comments:
56 SWELLING	L	3.00 SqFt	Comments:

Sample Number: 111 Type: R Area: 4,988.00SqFt PCI = 85
Sample Comments:

48 L & T CR	L	56.00 Ft	Comments:
52 WEATH/RAVEL	L	475.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 226,400.00SqFt

Section: 320 of 8 From: - To: - Last Const.: 1/1/2004
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 29,100.00SqFt Length: 582.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/17/2012 Total Samples: 7 Surveyed: 2
Conditions: PCI:89.00 |
Inspection Comments:

Sample Number: 116 Type: R Area: 5,000.00SqFt PCI = 90
Sample Comments:

52 WEATH/RAVEL	L	500.00 SqFt	Comments:

Sample Number: 118 Type: R Area: 4,992.30SqFt PCI = 87
Sample Comments:

48 L & T CR	L	17.00 Ft	Comments:
52 WEATH/RAVEL	L	300.00 SqFt	Comments:
56 SWELLING	L	14.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 226,400.00SqFt

Section: 325 of 8 From: - To: - Last Const.: 1/1/2004
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 71,000.00SqFt Length: 1,420.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/17/2012 Total Samples: 14 Surveyed: 2
Conditions: PCI:88.00 |
Inspection Comments:

Sample Number: 121 Type: R Area: 4,996.71SqFt PCI = 86
Sample Comments:

48 L & T CR	L	111.00 Ft	Comments:
52 WEATH/RAVEL	L	450.00 SqFt	Comments:

Sample Number: 125 Type: R Area: 5,000.16SqFt PCI = 91
Sample Comments:

42 BLEEDING	L	6.00 SqFt	Comments:
48 L & T CR	L	2.00 Ft	Comments:
52 WEATH/RAVEL	L	250.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 226,400.00SqFt

Section: 330 of 8 From: - To: - Last Const.: 1/1/2004
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 8,400.00SqFt Length: 240.00Ft Width: 35.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/16/2012 Total Samples: 3 Surveyed: 1
Conditions: PCI:91.00 |
Inspection Comments:

Sample Number: 136 Type: R Area: 3,505.16SqFt PCI = 91
Sample Comments:

50 PATCHING	L	3.00 SqFt	Comments:
52 WEATH/RAVEL	L	180.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 226,400.00SqFt

Section: 335 of 8 From: - To: - Last Const.: 1/1/2004
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 42,875.00SqFt Length: 1,225.00Ft Width: 35.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/16/2012 Total Samples: 12 Surveyed: 4
Conditions: PCI:85.00 |
Inspection Comments:

Sample Number: 139 Type: R Area: 3,499.99SqFt PCI = 93
Sample Comments:

52 WEATH/RAVEL	L	180.00 SqFt	Comments:

Sample Number: 144 Type: R Area: 3,499.99SqFt PCI = 82
Sample Comments:

48 L & T CR	L	119.00 Ft	Comments:
50 PATCHING	L	0.20 SqFt	Comments:
52 WEATH/RAVEL	L	300.00 SqFt	Comments:

Sample Number: 146 Type: R Area: 3,499.99SqFt PCI = 82
Sample Comments:

48 L & T CR	L	112.00 Ft	Comments:
50 PATCHING	L	0.25 SqFt	Comments:
52 WEATH/RAVEL	L	160.00 SqFt	Comments:

Sample Number: 149 Type: R Area: 3,762.52SqFt PCI = 83
Sample Comments:

48 L & T CR	L	114.00 Ft	Comments:
50 PATCHING	L	0.50 SqFt	Comments:
52 WEATH/RAVEL	L	200.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 226,400.00SqFt

Section: 340 of 8 From: - To: - Last Const.: 1/1/1944
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 9,025.00SqFt Length: 230.00Ft Width: 35.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/16/2012 Total Samples: 3 Surveyed: 1
Conditions: PCI:80.00 |
Inspection Comments:

Sample Number: 151 Type: R Area: 3,499.99SqFt PCI = 80
Sample Comments:

48 L & T CR	L	177.00 Ft	Comments:
52 WEATH/RAVEL	L	250.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 226,400.00SqFt

Section: 350 of 8 From: - To: - Last Const.: 1/1/1996
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 22,500.00SqFt Length: 450.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/17/2012 Total Samples: 5 Surveyed: 1
Conditions: PCI:81.00 |
Inspection Comments:

Sample Number: 103 Type: R Area: 5,012.65SqFt PCI = 81
Sample Comments:

52 WEATH/RAVEL	L	2,200.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 174,706.00SqFt

Section: 205 of 9 From: - To: - Last Const.: 1/1/2010
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 7,250.00SqFt Length: 200.00Ft Width: 35.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date5/7/2007 Total Samples: 2 Surveyed: 1
Conditions: PCI:96.00 |
Inspection Comments:

Sample Number: 101 Type: R Area: 3,500.00SqFt PCI = 96
Sample Comments:

48 L & T CR	L	3.00 Ft	Comments:
50 PATCHING	L	0.20 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 174,706.00SqFt

Section: 210 of 9 From: - To: - Last Const.: 1/1/2010
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 94,500.00SqFt Length: 2,700.00Ft Width: 35.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date5/7/2007 Total Samples: 24 Surveyed: 4
Conditions: PCI:47.00 |
Inspection Comments:

Sample Number: 103 Type: R Area: 3,500.00SqFt PCI = 47
Sample Comments:
43 BLOCK CR M 3,500.00 SqFt Comments:

Sample Number: 110 Type: R Area: 3,500.00SqFt PCI = 47
Sample Comments:
43 BLOCK CR M 3,500.00 SqFt Comments:

Sample Number: 117 Type: R Area: 3,500.00SqFt PCI = 47
Sample Comments:
43 BLOCK CR M 3,500.00 SqFt Comments:

Sample Number: 124 Type: R Area: 3,500.00SqFt PCI = 47
Sample Comments:
43 BLOCK CR M 3,500.00 SqFt Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 174,706.00SqFt

Section: 215 of 9 From: - To: - Last Const.: 1/1/2010
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 2,600.00SqFt Length: 65.00Ft Width: 40.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/16/2012 Total Samples: 1 Surveyed: 1
Conditions: PCI:87.00 |
Inspection Comments:

Sample Number: 130 Type: R Area: 2,801.63SqFt PCI = 87
Sample Comments:

48 L & T CR	L	62.00 Ft	Comments:
52 WEATH/RAVEL	L	180.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 174,706.00SqFt

Section: 216 of 9 From: - To: - Last Const.: 1/1/2010
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 2,618.00SqFt Length: 65.45Ft Width: 40.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/16/2012 Total Samples: 1 Surveyed: 1
Conditions: PCI:63.00 |
Inspection Comments:

Sample Number: 129 Type: R Area: 3,153.40SqFt PCI = 63
Sample Comments:

48 L & T CR	L	128.00 Ft	Comments:
48 L & T CR	M	22.00 Ft	Comments:
52 WEATH/RAVEL	L	1,900.00 SqFt	Comments:
52 WEATH/RAVEL	M	320.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 174,706.00SqFt

Section: 220 of 9 From: - To: - Last Const.: 1/1/2010
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 13,000.00SqFt Length: 370.00Ft Width: 35.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date5/7/2007 Total Samples: 3 Surveyed: 1
Conditions: PCI:77.00 |
Inspection Comments:

Sample Number: 133 Type: R Area: 4,300.00SqFt PCI = 77
Sample Comments:

48 L & T CR	L	52.00 Ft	Comments:
52 WEATH/RAVEL	L	1,527.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 174,706.00SqFt

Section: 225 of 9 From: - To: - Last Const.: 1/1/2010
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 1,738.00SqFt Length: 43.45Ft Width: 40.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/16/2012 Total Samples: 1 Surveyed: 1
Conditions: PCI:78.00 |
Inspection Comments:

Sample Number: 135 Type: R Area: 3,084.83SqFt PCI = 78
Sample Comments:

48 L & T CR	L	31.00 Ft	Comments:
52 WEATH/RAVEL	L	480.00 SqFt	Comments:
56 SWELLING	L	70.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 174,706.00SqFt

Section: 226 of 9 From: - To: - Last Const.: 1/1/2010
Surface: APC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 2,200.00SqFt Length: 55.00Ft Width: 40.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/16/2012 Total Samples: 1 Surveyed: 1
Conditions: PCI:78.00 |
Inspection Comments:

Sample Number: 134 Type: R Area: 3,211.52SqFt PCI = 78
Sample Comments:

48 L & T CR	L	16.00 Ft	Comments:
52 WEATH/RAVEL	L	575.00 SqFt	Comments:
52 WEATH/RAVEL	M	20.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 174,706.00SqFt

Section: 230 of 9 From: - To: - Last Const.: 1/1/2010
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 27,150.00SqFt Length: 700.00Ft Width: 35.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date5/7/2007 Total Samples: 6 Surveyed: 2
Conditions: PCI:63.00 |
Inspection Comments:

Sample Number: 136 Type: R Area: 4,300.00SqFt PCI = 74
Sample Comments:

43 BLOCK CR	L	351.00 SqFt	Comments:
48 L & T CR	L	114.00 Ft	Comments:
50 PATCHING	L	230.00 SqFt	Comments:

Sample Number: 140 Type: R Area: 3,500.00SqFt PCI = 50
Sample Comments:

43 BLOCK CR	M	3,000.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 174,706.00SqFt

Section: 235 of 9 From: - To: - Last Const.: 1/1/2010
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 23,650.00SqFt Length: 620.00Ft Width: 35.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date5/7/2007 Total Samples: 6 Surveyed: 2
Conditions: PCI:59.00 |
Inspection Comments:

Sample Number: 146 Type: R Area: 3,500.00SqFt PCI = 70
Sample Comments:

43 BLOCK CR	M	420.00 SqFt	Comments:
48 L & T CR	L	45.00 Ft	Comments:

Sample Number: 149 Type: R Area: 3,500.00SqFt PCI = 47
Sample Comments:

43 BLOCK CR	M	3,500.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 171,087.00SqFt

Section: 120 of 8 From: - To: - Last Const.: 1/1/2010
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 5,000.00SqFt Length: 125.00Ft Width: 40.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date5/7/2007 Total Samples: 1 Surveyed: 1
Conditions: PCI:42.00 |
Inspection Comments:

Sample Number: 116 Type: R Area: 3,600.00SqFt PCI = 42
Sample Comments:

48 L & T CR	H	55.00	Ft	Comments:
48 L & T CR	L	96.00	Ft	Comments:
48 L & T CR	M	205.00	Ft	Comments:
50 PATCHING	L	58.00	SqFt	Comments:
52 WEATH/RAVEL	L	1,500.00	SqFt	Comments:
52 WEATH/RAVEL	M	584.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 171,087.00SqFt

Section: 125 of 8 From: - To: - Last Const.: 1/1/2010
Surface: PCC Family: FDOT-RL-PCC Zone: Category: Rank: P
Area: 35,197.00SqFt Length: 800.00Ft Width: 35.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

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

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

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 171,087.00SqFt

Section: 130 of 8 From: - To: - Last Const.: 1/1/2004
Surface: PCC Family: FDOT-RL-PCC Zone: Category: Rank: P
Area: 10,000.00SqFt Length: 200.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/16/2012 Total Samples: 2 Surveyed: 1
Conditions: PCI:97.00 |
Inspection Comments:

Sample Number: 10 Type: R Area: 32.00Slabs PCI = 97
Sample Comments:

65 JOINT SEAL DAMAGE	L	32.00 Slabs	Comments:
66 SMALL PATCH	L	2.00 Slabs	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 171,087.00SqFt

Section: 140 of 8 From: - To: - Last Const.: 1/1/2004
Surface: PCC Family: FDOT-RL-PCC Zone: Category: Rank: P
Area: 15,000.00SqFt Length: 300.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/16/2012 Total Samples: 3 Surveyed: 1
Conditions: PCI:98.00 |
Inspection Comments:

Sample Number: 136 Type: R Area: 24.00Slabs PCI = 98
Sample Comments:

65 JOINT SEAL DAMAGE	L	24.00 Slabs	Comments:	
66 SMALL PATCH	L	1.00 Slabs	Comments:	

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 171,087.00SqFt

Section: 145 of 8 From: - To: - Last Const.: 1/1/2004
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 9,211.00SqFt Length: 125.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/16/2012 Total Samples: 1 Surveyed: 1
Conditions: PCI:84.00 |
Inspection Comments:

Sample Number: 137 Type: R Area: 9,494.52SqFt PCI = 84
Sample Comments:

42 BLEEDING	L	9.00	SqFt	Comments:
48 L & T CR	L	272.00	Ft	Comments:
52 WEATH/RAVEL	L	860.00	SqFt	Comments:
56 SWELLING	L	35.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW D Name: TAXIWAY D Use: TAXIWAY Area: 164,590.00SqFt

Section: 405 of 10 From: - To: - Last Const.: 1/1/2004
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 10,250.00SqFt Length: 200.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/17/2012 Total Samples: 2 Surveyed: 1
Conditions: PCI:92.00 |
Inspection Comments:

Sample Number: 101 Type: R Area: 4,499.96SqFt PCI = 92
Sample Comments:

52 WEATH/RAVEL	L	270.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW D Name: TAXIWAY D Use: TAXIWAY Area: 164,590.00SqFt

Section: 410 of 10 From: - To: - Last Const.: 1/1/1944
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 30,000.00SqFt Length: 600.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/17/2012 Total Samples: 6 Surveyed: 2
Conditions: PCI:81.00 |
Inspection Comments:

Sample Number: 103 Type: R Area: 4,336.24SqFt PCI = 86
Sample Comments:

52 WEATH/RAVEL	L	870.00 SqFt	Comments:

Sample Number: 107 Type: R Area: 3,572.43SqFt PCI = 75
Sample Comments:

52 WEATH/RAVEL	L	3,000.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW D Name: TAXIWAY D Use: TAXIWAY Area: 164,590.00SqFt

Section: 412 of 10 From: - To: - Last Const.: 1/1/1996
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 8,500.00SqFt Length: 170.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/16/2012 Total Samples: 3 Surveyed: 1
Conditions: PCI:72.00 |
Inspection Comments:

Sample Number: 109 Type: R Area: 3,836.37SqFt PCI = 72
Sample Comments:

48 L & T CR	L	53.00 Ft	Comments:
52 WEATH/RAVEL	L	1,350.00 SqFt	Comments:
52 WEATH/RAVEL	M	20.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW D Name: TAXIWAY D Use: TAXIWAY Area: 164,590.00SqFt

Section: 415 of 10 From: - To: - Last Const.: 1/1/2004
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 11,500.00SqFt Length: 230.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/16/2012 Total Samples: 3 Surveyed: 2
Conditions: PCI:90.00 |
Inspection Comments:

Sample Number: 110 Type: R Area: 3,499.99SqFt PCI = 91
Sample Comments:

48 L & T CR	L	15.00 Ft	Comments:
52 WEATH/RAVEL	L	100.00 SqFt	Comments:

Sample Number: 112 Type: R Area: 2,557.61SqFt PCI = 89
Sample Comments:

52 WEATH/RAVEL	L	300.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW D Name: TAXIWAY D Use: TAXIWAY Area: 164,590.00SqFt

Section: 417 of 10 From: - To: - Last Const.: 1/1/1996
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 13,900.00SqFt Length: 236.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/16/2012 Total Samples: 3 Surveyed: 1
Conditions: PCI:89.00 |
Inspection Comments:

Sample Number: 112 Type: R Area: 1,148.83SqFt PCI = 89
Sample Comments:

52 WEATH/RAVEL	L	150.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW D Name: TAXIWAY D Use: TAXIWAY Area: 164,590.00SqFt

Section: 420 of 10 From: - To: - Last Const.: 1/1/2004
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 59,700.00SqFt Length: 1,194.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/16/2012 Total Samples: 12 Surveyed: 3
Conditions: PCI:80.00 |
Inspection Comments:

Sample Number: 119 Type: R Area: 3,499.99SqFt PCI = 81
Sample Comments:

48 L & T CR	L	86.00 Ft	Comments:
52 WEATH/RAVEL	L	680.00 SqFt	Comments:

Sample Number: 124 Type: R Area: 3,499.99SqFt PCI = 80
Sample Comments:

48 L & T CR	L	119.00 Ft	Comments:
52 WEATH/RAVEL	L	900.00 SqFt	Comments:

Sample Number: 128 Type: R Area: 3,499.99SqFt PCI = 80
Sample Comments:

48 L & T CR	L	69.00 Ft	Comments:
52 WEATH/RAVEL	L	825.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW D Name: TAXIWAY D Use: TAXIWAY Area: 164,590.00SqFt

Section: 425 of 10 From: - To: - Last Const.: 1/1/2004
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 4,620.00SqFt Length: 92.40Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/16/2012 Total Samples: 1 Surveyed: 1
Conditions: PCI:77.00 |
Inspection Comments:

Sample Number: 130 Type: R Area: 4,152.93SqFt PCI = 77
Sample Comments:

42 BLEEDING	L	3.00	SqFt	Comments:
48 L & T CR	L	54.00	Ft	Comments:
52 WEATH/RAVEL	L	1,550.00	SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW D Name: TAXIWAY D Use: TAXIWAY Area: 164,590.00SqFt

Section: 426 of 10 From: - To: - Last Const.: 1/1/2004
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 5,200.00SqFt Length: 104.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/16/2012 Total Samples: 2 Surveyed: 1
Conditions: PCI:74.00 |
Inspection Comments:

Sample Number: 131 Type: R Area: 1,797.03SqFt PCI = 74
Sample Comments:

45 DEPRESSION	L	30.00 SqFt	Comments:
48 L & T CR	L	5.00 Ft	Comments:
52 WEATH/RAVEL	L	310.00 SqFt	Comments:
52 WEATH/RAVEL	M	25.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW D Name: TAXIWAY D Use: TAXIWAY Area: 164,590.00SqFt

Section: 430 of 10 From: - To: - Last Const.: 1/1/2004
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 17,500.00SqFt Length: 500.00Ft Width: 35.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/16/2012 Total Samples: 4 Surveyed: 2
Conditions: PCI:84.00 |
Inspection Comments:

Sample Number: 133 Type: R Area: 3,499.99SqFt PCI = 83
Sample Comments:

48 L & T CR	L	37.00 Ft	Comments:
52 WEATH/RAVEL	L	500.00 SqFt	Comments:

Sample Number: 135 Type: R Area: 3,499.99SqFt PCI = 85
Sample Comments:

48 L & T CR	L	19.00 Ft	Comments:
52 WEATH/RAVEL	L	460.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW D Name: TAXIWAY D Use: TAXIWAY Area: 164,590.00SqFt

Section: 435 of 10 From: - To: - Last Const.: 1/1/2004
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 3,420.00SqFt Length: 85.50Ft Width: 40.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/16/2012 Total Samples: 1 Surveyed: 1
Conditions: PCI:75.00 |
Inspection Comments:

Sample Number: 137 Type: R Area: 4,039.16SqFt PCI = 75
Sample Comments:

45 DEPRESSION	L	28.00 SqFt	Comments:
48 L & T CR	L	27.00 Ft	Comments:
52 WEATH/RAVEL	L	900.00 SqFt	Comments:
56 SWELLING	L	6.00 SqFt	Comments:

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW E Name: TAXIWAY E Use: TAXIWAY Area: 75,150.00SqFt

Section: 510 of 1 From: - To: - Last Const.: 1/1/2011
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 75,150.00SqFt Length: 1,455.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date1/1/2011 Total Samples: 0 Surveyed: 0
Conditions: PCI:100.00 |
Inspection Comments: Construction/Major M&R inspection record.

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

Re-inspection Report

FDOT_COMB
Report Generated Date: 6/5/2012
Site Name:

Network: FHB Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW W AP Name: TAXIWAY TO WEST APRON Use: TAXIWAY Area: 6,164.00SqFt

Section: 505 of 1 From: - To: - Last Const.: 1/1/1987
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 6,164.00SqFt Length: 140.00Ft Width: 35.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date4/17/2012 Total Samples: 2 Surveyed: 2
Conditions: PCI:68.00 |
Inspection Comments:

Sample Number: 100 Type: R Area: 1,650.00SqFt PCI = 84
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	27.01	Ft	Comments:
52	WEATHERING/RAVELING	L	225.00	SqFt	Comments:

Sample Number: 101 Type: R Area: 2,975.00SqFt PCI = 59
Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	313.08	Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	17.00	Ft	Comments:
52	WEATHERING/RAVELING	L	2,804.98	SqFt	Comments:
52	WEATHERING/RAVELING	M	30.00	SqFt	Comments: