STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
AVIATION OFFICE

Statewide Airfield Pavement Management Program
Fernandina Beach Municipal Airport
(Reliever)
Fernandina Beach, Florida
(District 2)

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Prepared for:
Florida Department of Transportation
Aviation Office

by:
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EXECUTIVE SUMMARY

URS Corporation, Inc., MACTEC Engineering and Consulting, Inc. (MACTEC), Planning Technology, Inc. (PTI), and ASC Geosciences, Inc. (ASCG) were awarded with a contract to provide services in support of the Florida Department of Transportation (FDOT) Aviation Office for Phase II of the Statewide Aviation Pavement Management program. As part of this contract, MACTEC conducted pavement condition survey for airside pavements at Fernandina Beach Municipal Airport, evaluated the condition and developed a maintenance and rehabilitation program to improve conditions to prescribed minimum levels.

The total pavement area in 2007 at Fernandina Beach Municipal Airport is 3,047,627 square feet. The breakdown of pavement area for each pavement use is provided as follows:

Pavement Area by Pavement Use

Use	Area, SqFt	% of Total Area
Runway	1,781,000	59
Taxiway	709,477	23
Apron	557,150	18
Total	**3,047,627**	**100**

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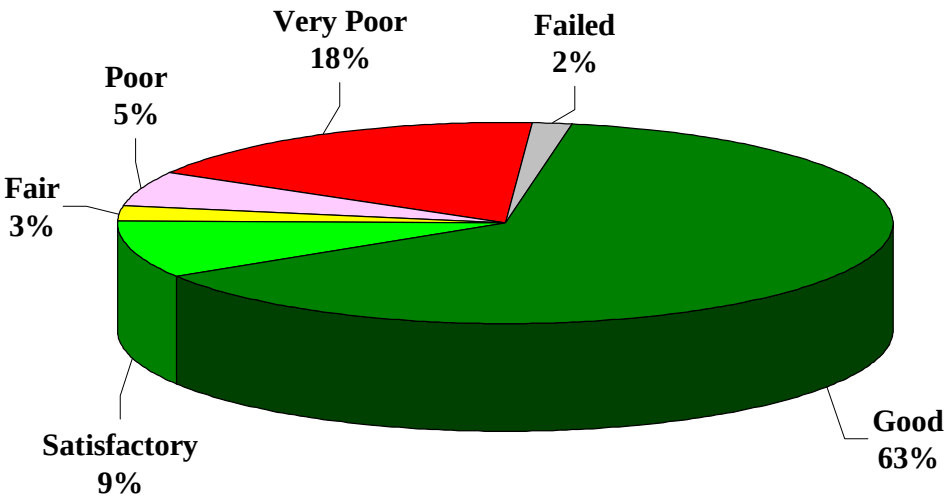
The overall area-weighted Pavement Condition Index (PCI) of the areas in 2007 is 80, representing a Satisfactory overall network condition.

The figure below provides the PCI distribution by rating category for the network. Approximately 72% of the network is in Good and Satisfactory condition while 25% of the network is in Poor to Failed condition. The table Condition Summary by Pavement Use illustrates the area-weighted PCI computed individually for each use. On average, the runways, taxiways, and aprons at Fernandina Beach Municipal Airport are all in Satisfactory condition.

Network PCI Distribution by Rating Category



Prepared by BX *Checked by TH*

Condition Summary by Pavement Use

Use	Area-Weighted PCI
Runway	80
Taxiway	85
Apron	73
All	**80**

Prepared by BX *Checked by TH*

The immediate M&R needs include part of Runway 13-31, some taxiways (Taxiways A, B, and C), and some aprons (North Apron and Southeast Apron). The runway has the highest priority for funding but would need to be programmed over several years. These immediate needs are summarized in the following table.

Immediate Major M&R Needs

Branch	Section	Section Area, SqFt	Major M&R Funded**	PCI Before	Maintenance	PCI After
AP N	4205	32,000	$243,520	40	Major M&R < Critical	100
AP N	4210	24,000	$445,680	2	Major M&R < Critical	100
AP N	4220	24,000	$445,680	3	Major M&R < Critical	100
AP SE	4410	46,900	$870,933	29	Major M&R < Critical	100
RW 13-31	6210	11,000	$119,878	37	Major M&R < Critical	100
RW 13-31	6215	489,000	$5,865,067	36	Major M&R < Critical	100
TW A	310	11,000	$83,710	43	Major M&R < Critical	100
TW A	350	22,500	$162,383	51	Major M&R < Critical	100
TW B	210	94,500	$719,145	45	Major M&R < Critical	100
TW B	230	25,500	$79,662	62	Major M&R < Critical	100
TW B	235	22,000	$98,252	58	Major M&R < Critical	100
TW C	120	5,000	$38,050	41	Major M&R < Critical	100
		Total	**$9,171,960**	**80***	**←Network Avg. PCI →**	**95***

* This table shows the area-weighted PCI before and after Major M&R and routine maintenance work for the first year of the 10-year plan. It includes all pavement sections at Fernandina Beach Municipal Airport, including those sections not shown in this table.
** Cost figures are rounded down. Sum may be different. Costs are adjusted for inflation.

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A forecast of Major M&R needs for a 10-year period was developed using an unlimited budget. The analysis identified ongoing maintenance needs and major M&R during that interval.

10 Year M&R Costs under Unlimited Funding Scenario

Year	Preventive	Major M&R >= Critical	Major M&R < Critical	Total
2008	$33,680	$0	$9,171,960	$9,205,640
2009	$56,689	$0	$26,979	$83,668
2010	$76,619	$0	$27,925	$104,544
2011	$105,572	$0	$17,297	$122,689
2012	$162,925	$0	$7,567	$170,492
2013	$215,337	$0	$7,740	$223,077
2014	$272,454	$0	$0	$272,454
2015	$314,053	$0	$132,646	$446,699
2016	$376,476	$0	$0	$376,476
2017	$442,354	$0	$0	$442,354
Total	**$2,056,159**	**$0**	**$9,392,114**	**$11,448,274**

Note: Cost figures are rounded down. Sum may be different. Costs are adjusted for inflation.
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The 10 year analysis suggests an annual budget on the order of $1.1 million would be expected to provide an improvement in the overall condition, where the area-weighted PCI would decrease slightly from 80 in 2007 to 79 in 2017. However, as stated above, a number of large projects, mostly runway sections, do exist that would need to be programmed over multiple years.

It is important to note that although large projects would have to be conducted over several years, the area-weighted PCI value for all Fernandina Beach Municipal Airport pavements in 2017 may remain near 80. The airport manager should realize that what is most important is that the pavement repair work 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. These public airports range from small general aviation airports to large international hub airports. These airports serve business travelers, tourism, and cargo operations crucial to the daily life of the people of Florida.

There are millions of square yards of pavement for the runways, taxiways, aprons and other areas 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, FDOT has implemented pavement management system technology.

This report describes the procedures used to ensure that the appropriate engineering and scientific standards of care, quality budget, and schedule requirements are implemented at your airport as a result of your participation in the Statewide Aviation Pavement Management Program.

1.1 Purpose

This Florida Airport Pavement Evaluation Report is intended to:

- Describe, briefly, the Florida Department of Transportation (FDOT) Aviation Office Statewide Pavement Management Program and the roles and responsibilities of the program's participants
- Provide background information on pavement management principles, objectives, and benefits to the participating airport
- Outline the procedures used to collect, evaluate and report pavement inspection results at your airport
- Present the findings from the inspection and analysis of the needs for maintenance and rehabilitation activities for this airport.

1.2 FDOT Aviation PMS Program

In 1992, FDOT implemented a Pavement Management System (PMS) program 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 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 was implemented and condition surveys performed in 1992 and 1993 and again updated in 1998 and 1999. The proprietary system, AIRPAV, is no longer supported.

In 2004, the FDOT Aviation Office undertook a project to update the PMS Program software utilized for the PMS program. The Aviation Office selected a consultant team consisting of URS Corporation, Inc., MACTEC Engineering and Consulting, Inc. (MACTEC), Planning Technology, Inc. (PTI), and ASC Geosciences, Inc. (ASCG) to aid with the implementation of the program update. This project involved a review of the AIRPAV software and other available

PMS software. As a result of this review, MicroPAVER was selected as the software for the update project. Condition data from the 1998/1999 surveys were converted to the MicroPAVER system.

The inventory of the pavement systems and drawings of the pavements were updated to reflect maintenance, rehabilitation, and construction activities since 1998/1999 to the extent that information was available. Detailed, specific procedures for the inspection and collection of pavement data were developed for this project. A web-site (www.floridaairportpavement.com) was developed for the input of data under secure procedures. The site also has a public section for dissemination of information to the general public.

1.3 Organization

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

1.3.1 *Consultant Role*

The Consultant (MACTEC Engineering and Consulting/URS Corporation/Planning Technology/ASC Geosciences) developed the PMS based upon procedures outlined in FAA Advisory Circular 150/5380-6B Guidelines and Procedures for Maintenance of Airport Pavements (FAA/AC) and ASTM D 5340 Standard Test Method for Airport Pavement Condition Index Surveys (2004). The Consultant provides technical and administrative assistance to the Aviation Office PM, during the execution of this program, which involves the continuing evaluation of airport pavements and updating of the PMS. A website is available to view and update airport information, including construction activities and pavement condition data. In addition, pavement evaluation reports will be available for viewing and download from the site (www.floridaairportpavement.com).

1.3.2 *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 FDOT Aviation Office. The airport should review system inventory drawings in their folder in the pavement management website and add maintenance and rehabilitation activities conducted on airside pavements on the website system inventory form.

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 asphalt concrete (AC) surface, and
- Rigid pavement composed of 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 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, the base or subbase layer is mainly constructed to provide a smooth and continuous platform for the concrete. Due to the different nature of both 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.

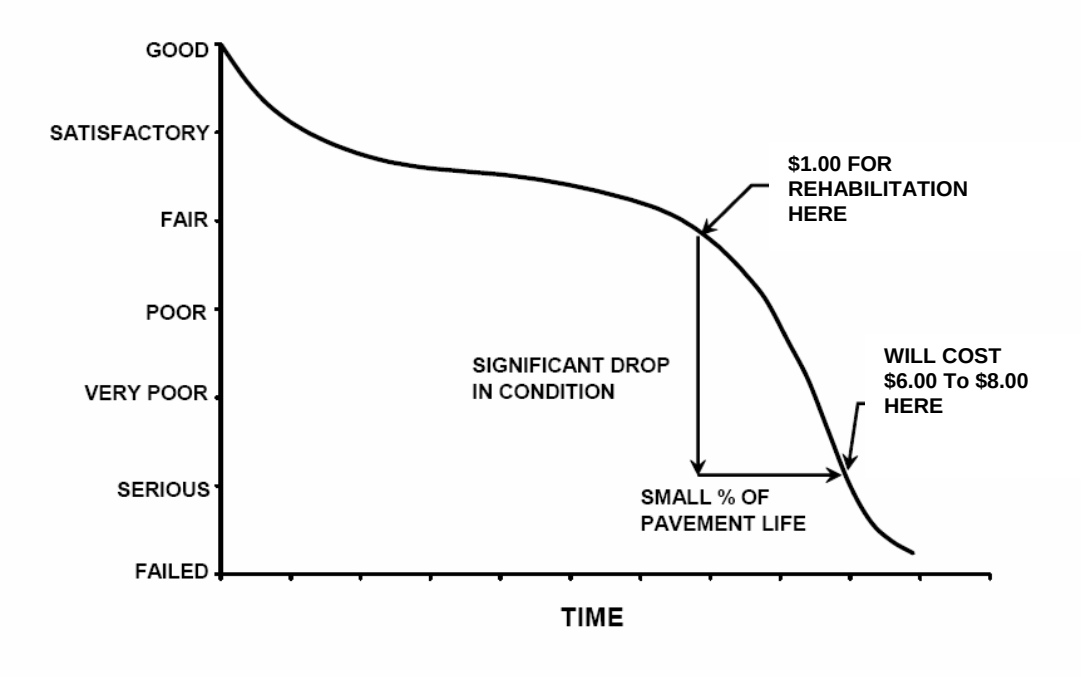
1.4.2 *Pavement Management System Concept*

A pavement management system (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, taken from FAA/AC 5380-7A Pavement Management System, 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 "Satisfactory" condition depends on how well it is maintained. 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.

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 stretch and 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.

Figure 1-1: Pavement Life Cycle



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Pavements deteriorate even if they do not carry any traffic. Pavement distresses may be attributed to climate, environment, materials, construction or traffic. Knowing the cause, extent and predominance of pavement distresses helps determine the most appropriate maintenance or rehabilitation work needed. Planning and applying preventive maintenance prolongs pavement life and minimizes future pavement repair costs. By projecting the rate of deterioration, a life cycle cost analysis can be performed for various alternatives, and the optimal time of application of the most feasible alternative can be determined. Such a decision is critical in order to avoid higher M&R costs at a later date.

A PMS enables the managing agency to identify and maintain the pavement conditions, keeping them at the upper end of the service life-condition curve. At this point, the total annual costs between maintaining a good pavement above a critical condition is much less than rehabilitating a poor pavement that has rapidly deteriorated beyond a critical condition level.

A PMS is a long-term planning tool that will result in an overall improvement of the pavement network condition and will also result in savings by applying the appropriate maintenance and rehabilitation activity at the appropriate time. Accurate estimates and timely M&R decisions and budgeting are of great importance when managing approximately 300 million square feet of Florida airside pavements.

1.4.3 *Pavement Inspection Methodology for PMS*

Pavement condition assessment is one of the primary decision variables in any airport pavement management system. 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.

Pavement sections are broken down into sample units as established in FAA AC 150/5380-6B and ASTM D 5340. Sample unit sizes are approximately 5000 ± 2000 square feet for AC-surfaced pavements and 20 ± 8 slabs for PCC-surfaced pavements. Before 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 FDOT Statewide 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

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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. MicroPAVER provides a rating scale that relates PCI to pavement condition, with a PCI between 0 and 10 considered 'Failed' pavement and a PCI between 86 and 100 considered 'Good' pavement, with five other conditions for PCI values between 11 and 85. Figure 1-2 shows the PCI scale.

Figure 1-2: PCI Rating Scale

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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 worked closely with FDOT District Aviation Specialists, during development of this project. District Aviation Specialists will consult with airport owners in implementation of project recommendations.

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 – (Facility in prior system) - A runway, taxiway or apron is called a Branch. This is an easy reference to a recognizable component of airport pavement. In this report, Branch ID maintains the original AirPAV identification where 100 series through 3000 series facilities are taxiways, 4000 and 5000 series facilities are aprons (the 5000 series represent runup aprons and turnarounds), and 6000 series facilities are runways. It also 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

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.

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.

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.

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 system requirements described by 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.

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.

Network Definition – (Airport Sketch in prior system) – A Network Definition is a CAD drawing which shows the airport pavement outline with Branch and Section boundaries. This sketch is intended to assist the user of the report to quickly associate information from the text to a location on the airport. 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 in this report 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 an instant 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 5340-04, "Standard Test Method for Airport Pavement Condition Index Surveys," 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 – Pavement management is a broad function that uses pavement evaluation and pavement performance trends as a basis for planning, programming, financing, and maintaining a pavement system.

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 – (Feature in prior system) - 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.

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

Fernandina Beach Municipal Airport (55J) 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, Runway 8-26, and Runway 13-31. All runways are served by full-length parallel taxiways. Fernandina Beach Municipal Airport is designated as a Regional Reliever (RL) airport and is located in District 2 of the Florida Department of Transportation.

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. The airport pavement network is subdivided into separate branches (runways, taxiways, or aprons) that have distinctly different uses. Branches are then 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.

The network definition is used to identify changes in the network since the most recent update in 1998/1999 and also to plan the field inspection activities for 2007 survey. Prior to the field inspection process, the network definition drawing was updated. The purpose of this update is to compare the previous airport configuration and history with the current airport configuration and history and update the existing drawing showing network branch, section and sample unit designations to match the current configuration. This drawing serves not only as a primary guide for the airfield inspectors but also as an important history record.

The updated network definition fields of Fernandina Beach Municipal Airport are provided in Table 2-1 and the updated network definition drawing of the airport is given in Appendix A. The field of ***Rank*** in Table 2-1 is defined in the definitions section in section 1.

Table 2-1: Fernandina Beach Municipal Airport Network Definition

Branch Name	Section ID	Rank
NORTH APRON - TERMINAL	4205	P
	4210	P
	4215	P
	4220	P
	4240	T
NORTHWEST APRON	4105	P
	4110	P
NORTH RUN UP APRON	4510	T
SOUTHEAST APRON	4405	P
	4410	P
T-HANGAR APRON	4305	P
	4310	P

Table 2-1: Fernandina Beach Municipal Airport Network Definition

Branch Name	Section ID	Rank
RUNWAY 13-31	6205	P
	6210	P
	6215	P
	6225	P
RUNWAY 4-22	6105	P
RUNWAY 8-26	6305	S
	6310	S
	6315	S
	6317	S
	6320	S
	6325	S
	6330	S
	6335	S
	6340	S
TAXIWAY A	310	P
	315	P
	320	P
	325	P
	330	P
	335	P
	340	P
	350	P
TAXIWAY B	205	P
	210	P
	215	P
	216	P
	220	P
	225	P
	226	P
	230	P
	235	P
TAXIWAY C	105	P
	110	P
	115	P
	120	P
	125	P
	130	P
	140	P
	145	P

Table 2-1: Fernandina Beach Municipal Airport Network Definition

Branch Name	Section ID	Rank
TAXIWAY D	405	P
	410	P
	412	P
	415	P
	417	P
	420	P
	425	P
	426	P
	430	P
	435	P
TAXIWAY TO WEST APRON	505	P

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3. PAVEMENT INVENTORY

The detailed pavement inventory was updated to reflect the network definition update and field inspection results.

The total pavement area in 2007 at Fernandina Beach Municipal Airport is 3,047,627 square feet. The breakdown of pavement area for each pavement use is provided in Table 3-1.

Table 3-1: Pavement Area by Pavement Use

Use	Area, SqFt	% of Total Area
Runway	1,781,000	59
Taxiway	709,477	23
Apron	557,150	18
Total	**3,047,627**	**100**

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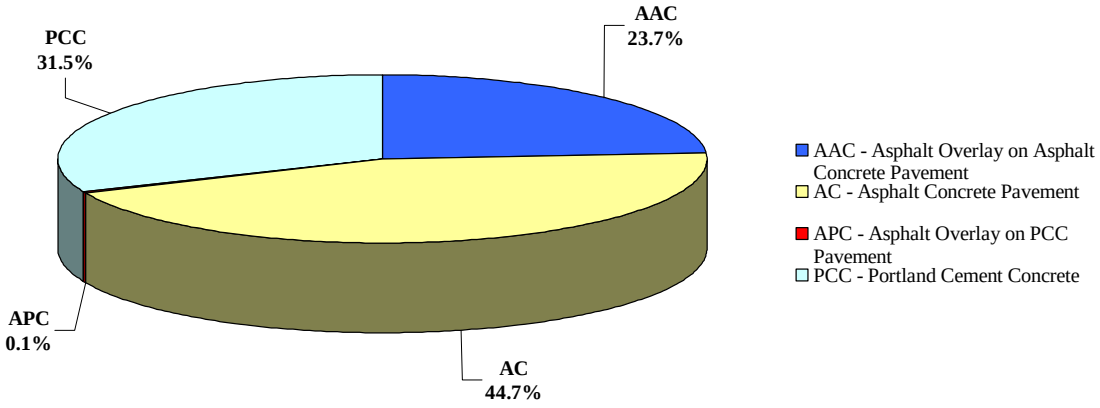
Figure 3-1 presents the breakdown of the pavement area at Fernandina Beach Municipal Airport by surface type. Surface type PCC includes regular Portland Cement Concrete Surface and ultra thin white-topping (UTW) surface. Typical UTW panel size at Fernandina Beach Municipal Airport is approximately 6 feet by 6 feet. As UTW surface is generally placed over AC surface, an area-based sample unit size is maintained resulting higher slab counts than regular PCC surface.

Figure 3-1: Pavement Area by Surface Type



Prepared by BX *Checked by TH*

Details of pavement section information including section dimensions, rank, surface type, last construction date and last inspection date are given in Appendix A.

4. PAVEMENT CONDITION

Pavement conditions were inspected in accordance with the methods outlined in FAA AC 150/5380-6B and ASTM D 5340 "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).

Pavement condition inspections at Fernandina Beach Municipal Airport were performed in May 2007. Data were recorded in the field using hand-held PDA (personal digital assistant) technology. The identifying information for each sample unit was pre-loaded into the PDA, and the survey results were entered directly, at the time of inspection. This simplified data handling and management.

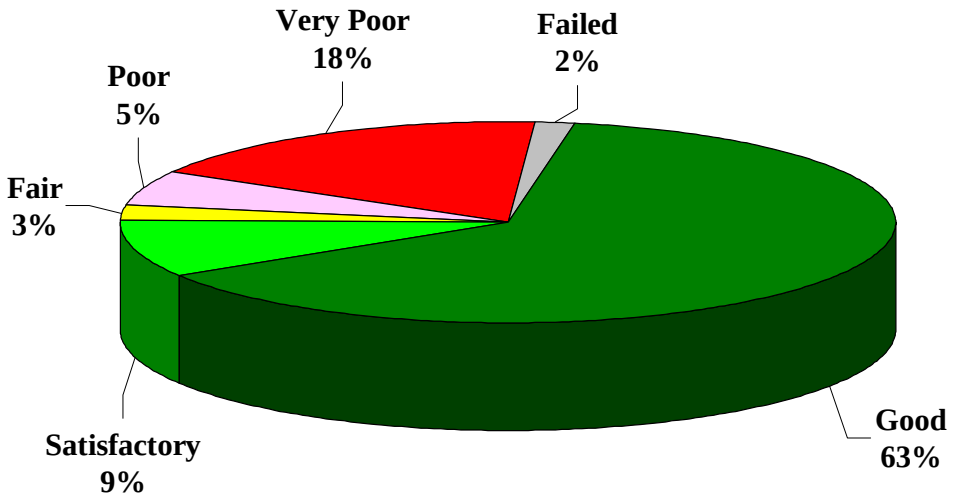
During the inspections Global Positioning System (GPS) coordinates were recorded at the centroid of each sample unit. The centroid is usually the geometric center of the area but in cases where sample units are irregular in shape this is the center of mass. These data are presented in tables on updated Network Definition drawings available from the website.

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

Appendix B includes detailed distress data generated by MicroPAVER, Appendix C contains a table and a map of PCI results by section inspected in 2007, and Appendix D contains a table of PCI results by branch.

According to the 2007 survey, the overall area-weighted PCI at Fernandina Beach Municipal Airport is 80, representing a Satisfactory overall network condition. Figure 4-1 provides the PCI distribution by rating category for the network.

Figure 4-1: Network PCI Distribution by Rating Category



Prepared by BX *Checked by TH*

Approximately 72% of the network is in Good and Satisfactory condition while 25% of the network is in Poor to Failed condition. Table 4-1 illustrates the area-weighted PCI computed individually for each pavement use.

Table 4-1: Condition by Pavement Use

Use	Area-Weighted PCI
Runway	80
Taxiway	85
Apron	73
All	**80**

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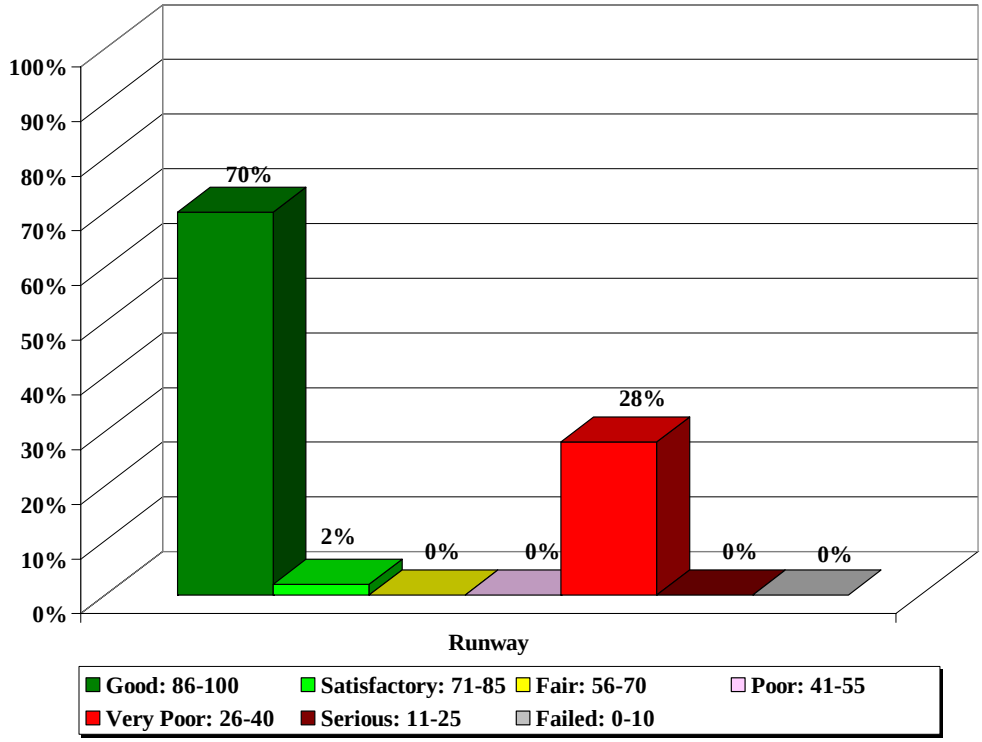
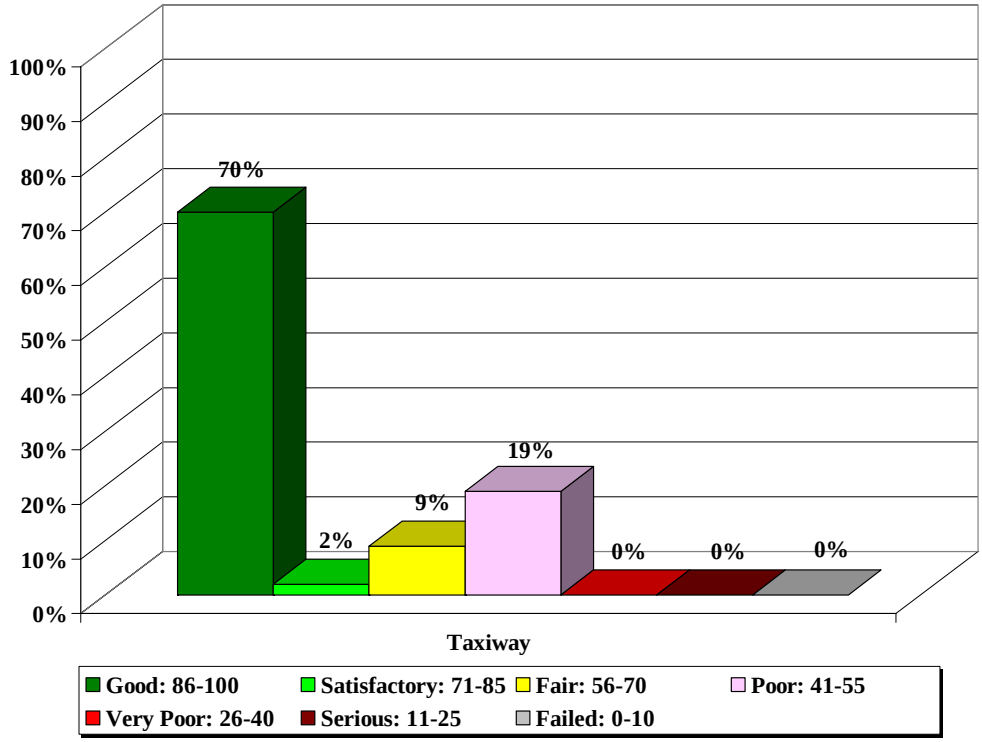
On average, the runways, taxiways and aprons at Fernandina Beach Municipal Airport are all in Satisfactory condition. Figure 4-2 presents the breakdown of PCI by range for each pavement use.

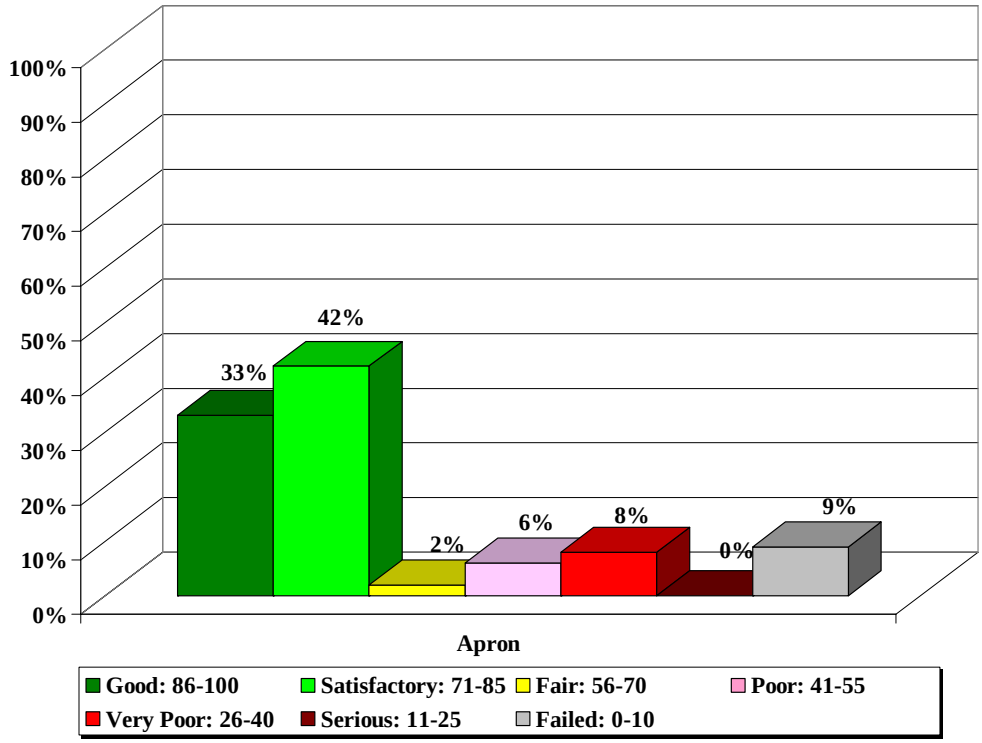
Figure 4-2: Percentage of Pavement Area within Each PCI Range by Pavement Use
(a) Runway



(b) Taxiway



(c) Apron



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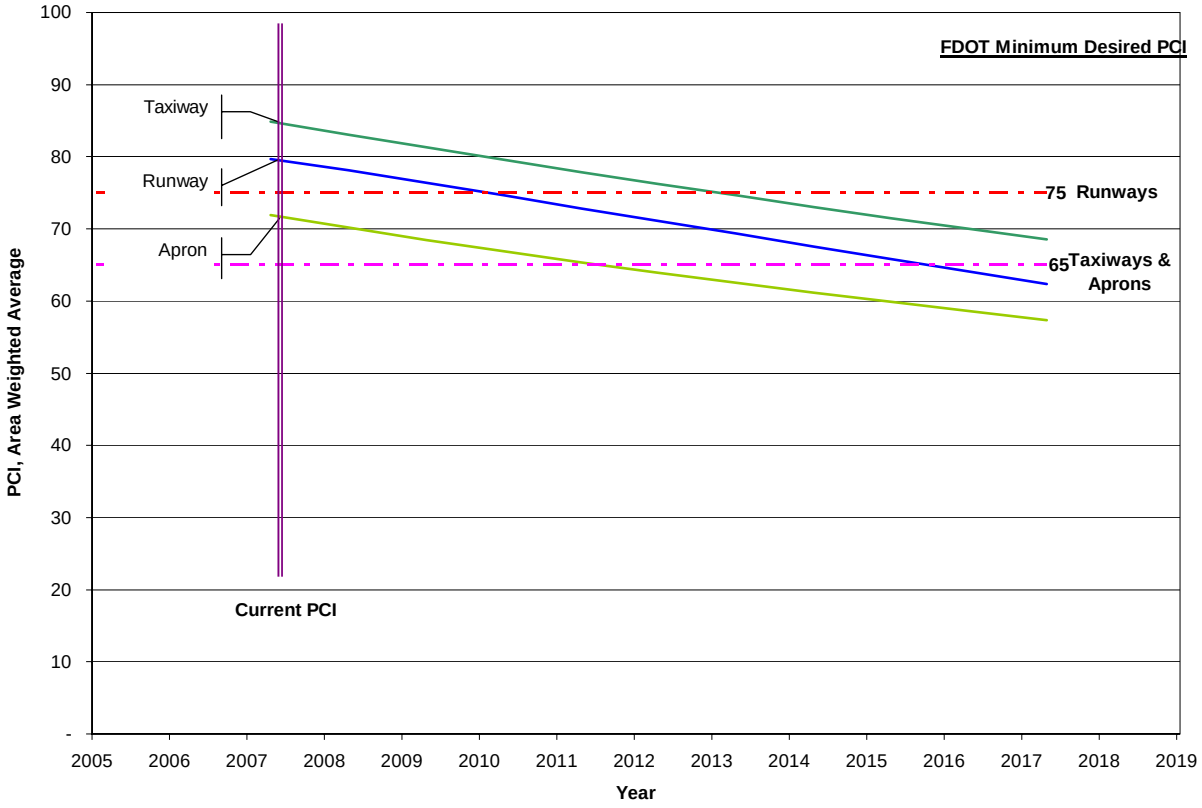
5. PAVEMENT CONDITION PREDICTION

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 5-1 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 condition criteria for regional reliever (RL) airports.

Figure 5-1: Predicted PCI by Pavement Use



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Appendix C presents the tabular summary of the predicted Section PCI for each year from 2008 to 2017.

6. MAINTENANCE POLICIES AND COSTS

6.1 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 6-1 provides the list of the maintenance activities used in MicroPAVER to treat specific distress types. These repairs are used in an analysis only if there is an inspection within one year prior to the first year of the analysis period. MicroPAVER applies repairs to these distresses and adjusts the PCI based on specific rules.

Rehabilitation is warranted when the pavement condition decreases below a critical point such that the deterioration is extensive or 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 Phase I of Statewide Pavement Management Program were reviewed and updated for 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 6-2 gives the critical PCI levels for regional relievers.

Table 6-1: 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	SqFt
	Block Crack	M, H	Crack Sealing – AC	CS-AC	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	SqFt
	Raveling	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	SqFt
	Pumping	N/A	No Localized M&R	NONE	SqFt
	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	Ft
	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

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Table 6-2: Critical PCI for Regional Relievers

Use	Critical PCI
Runway	65
Taxiway	65
Apron	65

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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 6-3 gives the targeted, or desired, Minimum PCI values for runways, taxiways, and aprons of regional relievers.

Table 6-3: Desired Minimum PCI for Regional Relievers

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

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Typical Major M&R activities range from overlays to reconstruction. Based on the critical PCI values in Table 6-2 and our experience with pavement management systems, the PCI trigger range when the likely activity would be a mill and resurface was 31 to 55 and reconstruction at a PCI of 30 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. With this objective, microsurfacing has been recommended to maintain pavements that have a PCI from 56 and 79. Microsurfacing is a surface treatment suggested for pavements in Fair to Satisfactory condition to extend the pavement life by five to seven years.

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 6-4 summarizes the M&R activities for regional relievers based on PCI value.

Table 6-4: M&R Activities for Regional Relievers

	Activity	PCI Range
Maintenance	Crack Sealing and Full-Depth Patching	80 and 90
Rehabilitation	Microsurfacing (AC) or Concrete Pavement Restoration (PCC)	56 to 79
	Mill and Overlay (AC) or Concrete Pavement Restoration (PCC)	31 to 55
	Reconstruction	30 and less

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6.2 Unit Costs

FDOT cost databases for airports and highway pavement maintenance and rehabilitation were reviewed in Phase I of Statewide Pavement Mangement Program in order to determine meaningful costs for the program. Table 6-5 presents the unit costs summary.

Table 6-5: Maintenance Unit Costs for FDOT

Code	Name	Cost	Unit
PA-AL	Patching – AC Leveling	$2.00	SqFt
PA-AS	Patching – AC Shallow	$4.00	SqFt
PA-PF	Patching – PCC Full Depth	$50.00	SqFt
PA-PP	Patching – Partial Depth	$35.00	SqFt
SL-PC	Slab Replacement	$15.00	SqFt
CS-PC	Crack Sealing – PCC	$2.00	Ft
UN-PC	Undersealing – PCC	$3.00	Ft
CS-AC	Crack Sealing – AC	$2.00	Ft
GR-PP	Grinding (Localized for PCC)	$20.00	Ft
JS-LC	Joint Seal (Localized)	$1.75	Ft
JS-SI	Joint Seal – Silicon	$2.50	Ft
PA-AD	Patching – AC Deep	$7.00	SqFt
OL-AT	Overlay – AC Thin	$1.50	SqFt
SS-CT	Surface Seal – Coal Tar	$0.20	SqFt
SS-RE	Surface Seal – Rejuvenating	$0.15	SqFt
ST-SS	Surface Treatment – Slurry Seal	$0.25	SqFt
ST-ST	Surface Treatment – Sand Tar	$0.25	SqFt
MI-AC	Microsurfacing	$0.90	SqFt

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The improvement in condition due to maintenance actions applied to specific distresses is only performed when an inspection is recent 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 PCI. 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 6-6. 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 6-6: M&R Activities and Unit Costs by Condition for Regional Relievers

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

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

7. 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. 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 7-1 presents the M&R needs 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. Several sections were not accessible during inspections due to ongoing maintenance activities; therefore the prediction of current condition from previous inspection data and immediate Major M&R needs would require further evaluation.

The 10 year forecast results are shown in Figure 7-1, 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.

Table 7-1: Summary of Immediate Major M&R Needs

Branch	Section	Section Area, SqFt	Major M&R Funded**	PCI Before	Maintenance	PCI After
AP N	4205	32,000	$243,520	40	Major M&R < Critical	100
AP N	4210	24,000	$445,680	2	Major M&R < Critical	100
AP N	4220	24,000	$445,680	3	Major M&R < Critical	100
AP SE	4410	46,900	$870,933	29	Major M&R < Critical	100
RW 13-31	6210	11,000	$119,878	37	Major M&R < Critical	100
RW 13-31	6215	489,000	$5,865,067	36	Major M&R < Critical	100
TW A	310	11,000	$83,710	43	Major M&R < Critical	100
TW A	350	22,500	$162,383	51	Major M&R < Critical	100
TW B	210	94,500	$719,145	45	Major M&R < Critical	100
TW B	230	25,500	$79,662	62	Major M&R < Critical	100
TW B	235	22,000	$98,252	58	Major M&R < Critical	100
TW C	120	5,000	$38,050	41	Major M&R < Critical	100
		Total	**$9,171,960**	**80***	**←Network Avg. PCI →**	**95***

* This table shows the area-weighted PCI before and after Major M&R and routine maintenance work for the first year of the 10-year plan. It includes all pavement sections at Fernandina Beach Municipal Airport, including those sections not shown in this table.
** Cost figures are rounded down. Sum may be different. Costs are adjusted for inflation.

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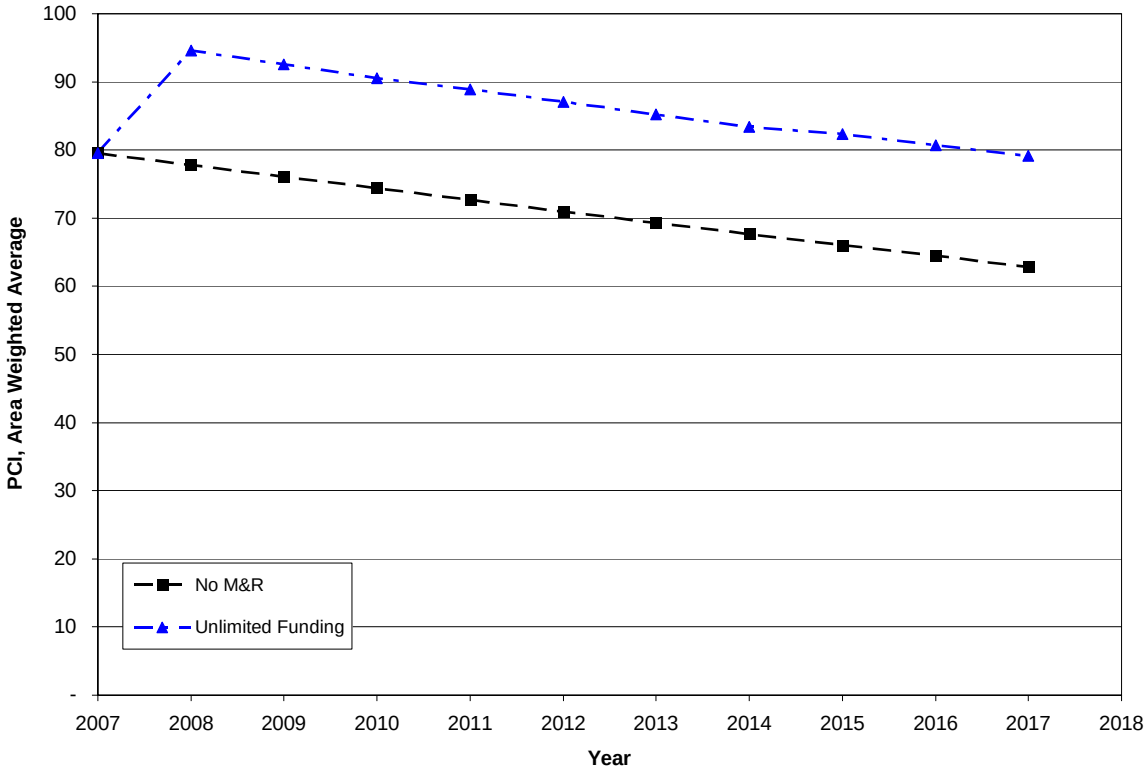
Figure 7-1: Budget Scenario Analysis



Prepared by BX *Checked by TH*

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

- The PCI will deteriorate from 80 to 63 in ten years if no M&R activities are performed.
- The PCI will remain above 79 through the 10-year analysis period under the unlimited budget scenario. A 2017 PCI of 79 with this scenario is 16 PCI points higher than a "No M&R" scenario. The total cost for Major M&R over this 10-year period is about $9.2 million.

8. 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 PCI 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 8-1 provides the summary results under the critical PCI scenario.

Table 8-1: M&R Costs under Unlimited Funding Scenario

Year	Preventive	Major M&R >= Critical	Major M&R < Critical	Total
2008	$33,680	$0	$9,171,960	$9,205,640
2009	$56,689	$0	$26,979	$83,668
2010	$76,619	$0	$27,925	$104,544
2011	$105,572	$0	$17,297	$122,869
2012	$162,925	$0	$7,567	$170,492
2013	$215,337	$0	$7,740	$223,077
2014	$272,454	$0	$0	$272,454
2015	$314,053	$0	$132,646	$446,699
2016	$376,476	$0	$0	$376,476
2017	$442,354	$0	$0	$442,354
Total	**$2,056,159**	**$0**	**$9,392,114**	**$11,448,274**

Note: Cost figures are rounded down. Sum may be different. Costs are adjusted for inflation.

Prepared by BX *Checked by TH*

Approximately 98% of the total Major M&R cost is required in the first year (2008). This is a consequence of part of Runway 13-31, some taxiways (Taxiways A, B, and C), and some aprons (North Apron and Southeast Apron) being below Critical PCI.

Runway 13-31 is in Very Poor to Poor condition with an average PCI value of 40. This runway has immediate need for repair. In addition, several large areas of Taxiway B and Southeast Apron need further evaluation to identify capital project(s) that may be funded separately. The unlimited budget scenario provides the basis for estimating the total repair cost. In reality, it is neither operationally nor fiscally prudent.

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

9. VISUAL AIDS

9.1 GIS Linked Shape File

The pavement inventory data and pavement condition were linked to the airport's shape file to 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.

9.2 Photographs

Selected digital photographs taken during the pavement inspection were provided in an Appendix G to provide visual support to special pavement conditions or distress observed during the inspection of the facility.

10. 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 2007 condition inspections and M&R analysis results:

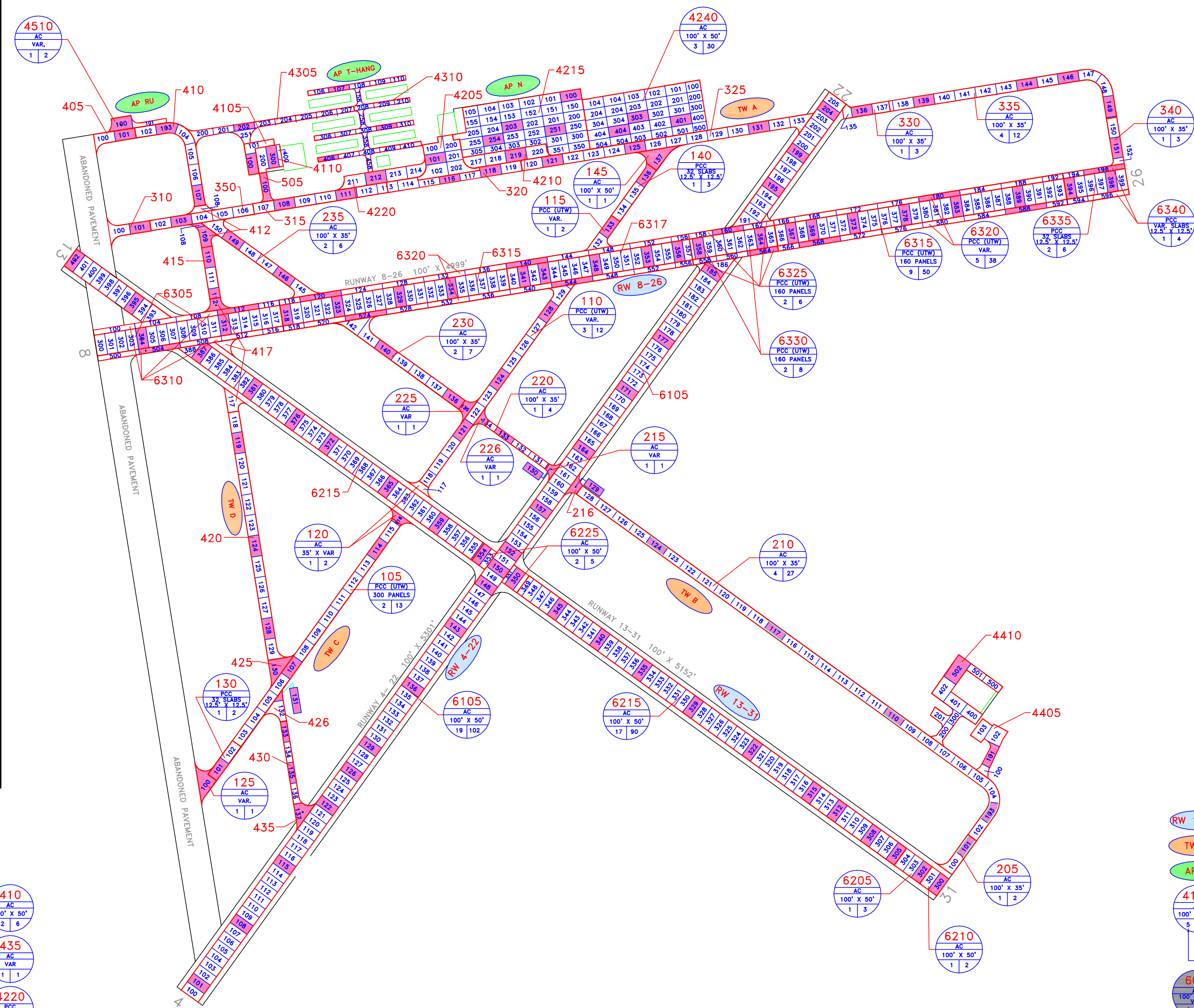
- Runway 13-31 is currently in Very Poor to Poor condition and some immediate repairs are needed. These cannot be addressed with typical annual expenditures as they amount to several million dollars.
- Several large areas of the Taxiway B and Southeast Apron were identified that will also require significant funding to restore them above Minimum PCI levels. Further evaluation of these features is necessary in order to develop repair plans and timing for future budgets.

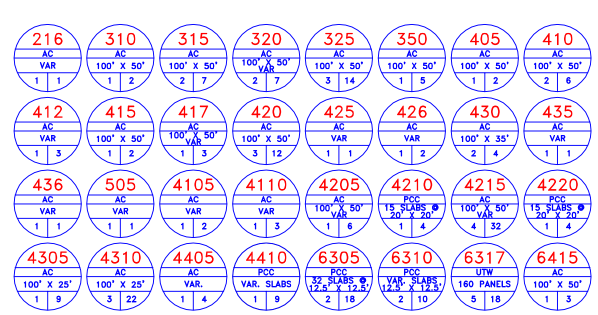
APPENDIX A

NETWORK DEFINITION MAP
AND
PAVEMENT INVENTORY TABLE

GPS COORDINATES – FERNANDINA BEACH MUNICIPAL AIRPORT									
Location	Section	Sample	Latitude	Longitude	Location	Section	Sample	Latitude	Longitude
AP T HANG 402			30.6162505	-81.465811	RW 4/22	6105	136	30.60885573	-81.46317686
AP	4105	100	30.61575457	-81.46563662	RW 4/22	6105	143	30.60967925	-81.46249693
AP	4110	300	30.61587032	-81.46531381	RW 8/26	6315	323	30.61387277	-81.46428008
AP	4205	101	30.61585288	-81.46282038	RW 8/26	6305	304	30.61342424	-81.46753037
AP	4210	219	30.61590899	-81.46150641	RW 8/26	6305	312	30.61364317	-81.46596446
AP	4220	211	30.61561641	-81.46375572	RW 8/26	6310	112	30.61376041	-81.46583369
AP	4410	502	30.60908129	-81.45490902	RW 8/26	6310	504	30.61330771	-81.46765734
AP	505	100	30.61551385	-81.46542896	RW 8/26	6315	329	30.61402371	-81.46333387
AP N	4215	100	30.61665323	-81.46077906	RW 8/26	6315	334	30.61413833	-81.46255092
AP N	4215	203	30.61624534	-81.46166137	RW 8/26	6315	341	30.61429842	-81.46144347
AP N	4215	251	30.61618311	-81.46100959	RW 8/26	6315	343	30.61433722	-81.4611425
AP N	4215	254	30.61605848	-81.46195294	RW 8/26	6315	348	30.61444273	-81.46036164
AP N	4240	303	30.61636086	-81.45978233	RW 26 LEFT	-	-	30.61544816	-81.45229032
AP N	4240	401	30.61631796	-81.45916169	RW 26 RIGHT	-	-	30.61572624	-81.45235852
AP N	4240	404	30.6162105	-81.46005149	RW 26 CENTER	-	-	30.61559133	-81.45232724
AP T HANG	4310	107	30.61678177	-81.4643202	RW 8 CENTER	-	-	30.61335242	-81.46799215
AP T HANG	4310	309	30.61626423	-81.46363797	RW 8 RIGHT	-	-	30.61323667	-81.46795618
AP T HANG	4310	406	30.61584558	-81.46445763	RW 8 LEFT	-	-	30.61348639	-81.46801377
RW 8/26	6315	318	30.61375519	-81.46506324	RW 8/26	6315	353	30.61455871	-81.45958072
RW 13/31	6205	302	30.60647089	-81.45540906	RW 8/26	6315	356	30.61464448	-81.459114
RW 13/31	6210	300	30.60631203	-81.45512886	RW 8/26	6315	358	30.61467526	-81.45878665
RW 13/31	6215	322	30.60807559	-81.4579744	RW 8/26	6315	364	30.61480145	-81.45785246
RW 13/31	6215	305	30.60670345	-81.45578569	RW 8/26	6315	367	30.6148902	-81.45738127
RW 13/31	6215	308	30.60693154	-81.45616551	RW 8/26	6315	369	30.61493827	-81.45705818
RW 13/31	6215	312	30.6072762	-81.45669969	RW 8/26	6315	373	30.61502495	-81.45641862
RW 13/31	6215	315	30.60751854	-81.45708679	RW 8/26	6315	378	30.61513357	-81.45562808
RW 13/31	6215	329	30.60863099	-81.45884902	RW 8/26	6315	383	30.61523588	-81.45484518
RW 13/31	6215	335	30.60910296	-81.4596517	RW 8/26	6315	389	30.61538057	-81.45390894
RW 13/31	6215	340	30.60950556	-81.46029136	RW 8/26	6335	394	30.61550212	-81.45310176
RW 13/31	6215	345	30.60991077	-81.46094025	RW 8/26	6335	398	30.61558879	-81.45248238
RW 13/31	6225	350	30.61029561	-81.46158339	RW 8/26	6340	196	30.61566885	-81.45269533
RW 31 CENTER	-	-	30.60627989	-81.45508047	TW A	330	136	30.61652251	-81.45617804
RW 31 LEFT	-	-	30.60617091	-81.45517978	TW A	335	139	30.61665533	-81.45526169
RW 31 RIGHT	-	-	30.60638869	-81.45499332	TW A	335	144	30.61687282	-81.45368554
RW 13 CENTER	-	-	30.61451194	-81.46840287	TW A	335	146	30.61697391	-81.45303855
RW 13 LEFT	-	-	30.61462687	-81.46831041	TW A	335	149	30.61649642	-81.45253204
RW 13 RIGHT	-	-	30.6144043	-81.46847849	TW A	340	151	30.61592364	-81.45244131
RW 13/31	6215	381	30.6128154	-81.46563016	TW C	105	101	30.60777583	-81.46613116
RW 13/31	6215	359	30.61106951	-81.46282824	TW C	110	107	30.60911614	-81.46500943
RW 13/31	6215	365	30.61161471	-81.46370735	TW C	110	114	30.61066701	-81.46373895
RW 13/31	6215	372	30.61210355	-81.46446865	TW C	110	121	30.61224038	-81.46241608
RW 13/31	6215	376	30.61247843	-81.46509912	TW C	110	124	30.61291065	-81.46186591
RW 13/31	6215	387	30.61335407	-81.46651947	TW C	110	128	30.61380513	-81.46111588
RW 13/31	6215	395	30.61390525	-81.46741331	TW C	115	133	30.61493396	-81.46021927
RW 13/31	6215	402	30.61447869	-81.46834254	TW C	115	136	30.61554806	-81.45968194
RW 13/31	6225	354	30.61063042	-81.46211481	TW C	120	116	30.6111119	-81.46337294
RW 18 CENTER	-	-	30.61611048	-81.46828986	TW D	420	124	30.61066779	-81.46555219
RW 18 LEFT	-	-	30.61614017	-81.46804594	TW D	420	128	30.60957231	-81.465338
RW 18 RIGHT	-	-	30.61606198	-81.46852144	TW D	425	130	30.60906854	-81.46523527
RW 36 CENTER	-	-	30.60541039	-81.46624223	TW D	426	131	30.60872251	-81.4651789
RW 36 LEFT	-	-	30.60516048	-81.46641867	TW D	430	133	30.60825694	-81.46507813
RW 36 RIGHT	-	-	30.60561886	-81.46601784	TW D	430	135	30.60772586	-81.46498273
RW 4/22	6105	148	30.61022754	-81.4620367	TW D	435	137	30.60719739	-81.46487604
RW 4/22	6105	150	30.61045963	-81.46184381	TW PR 13/31	205	101	30.60674759	-81.45478738
RW 4/22	6105	152	30.61068247	-81.46166225	TW PR 13/31	210	103	30.60720472	-81.45440588
RW 4/22	6105	157	30.61123999	-81.46120341	TW PR 13/31	210	110	30.60847776	-81.45576312
RW 4/22	6105	164	30.61202069	-81.46056167	TW PR 13/31	210	117	30.60959292	-81.45755917
RW 4/22	6105	171	30.61281073	-81.45991435	TW PR 13/31	210	124	30.61068525	-81.45936687
RW 4/22	6105	177	30.6134857	-81.45935465	TW PR 13/31	215	130	30.61177467	-81.46110482
RW 4/22	6105	185	30.61436556	-81.45860821	TW PR 13/31	216	129	30.61147043	-81.46060437
RW 4/22	6105	195	30.6154644	-81.45769452	TW PR 13/31	220	133	30.61225066	-81.46185108
RW 4/22	6105	199	30.61589745	-81.45730357	TW PR 13/31	225	135	30.61257388	-81.46240274
RW 4/22	6105	204	30.61650666	-81.45687307	TW PR 13/31	226	134	30.61241671	-81.46211597
RW 22 LEFT			30.61658369	-81.45659906	TW PR 13/31	230	136	30.61272624	-81.46262522
RW 22 CENTER	-	-	30.61666783	-81.4567357	TW PR 13/31	230	140	30.61335107	-81.46365154
RW 22 RIGHT	-	-	30.61674872	-81.45685768	TW PR 13/31	235	146	30.61422156	-81.46503336
RW 4 CENTER	-	-	30.60478821	-81.46651937	TW PR 13/31	235	149	30.61471266	-81.46581661
RW 4 LEFT	-	-	30.60486355	-81.46664788	TW PR 8/26	310	101	30.61491792	-81.4673183
RW 4 RIGHT	-	-	30.60472082	-81.46639605	TW PR 8/26	315	108	30.61522563	-81.46511388
RW 4/22	6105	101	30.60497994	-81.46639884	TW PR 8/26	315	111	30.615365	-81.46418936
RW 4/22	6105	108	30.6057575	-81.46575505	TW PR 8/26	320	116	30.61559005	-81.46265599
RW 4/22	6105	115	30.60654271	-81.4651074	TW PR 8/26	320	118	30.61568764	-81.46201609
RW 4/22	6105	122	30.60730807	-81.46445456	TW PR 8/26	325	121	30.61581946	-81.46107226
RW 4/22	6105	126	30.60774331	-81.46409677	TW PR 8/26	325	125	30.61600826	-81.45982837
RW 4/22	6105	129	30.60808082	-81.46381346	TW PR 8/26	325	131	30.61626767	-81.45794292
					TW PR 8/26	350	103	30.61501163	-81.46669132

Notes: Geodetics represent decimal degrees (GS-84 Datum)
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 — SECTION NUMBER; PAVEMENT TYPE; TYPICAL SAMPLE UNIT INFORMATION: FLEXIBLE (AC) PAVEMENT LENGTH & WIDTH, RIGID (PCC) PAVEMENT NO. OF SLABS AND SLAB SIZE, PCC (UTW) = PCC (ULTRA THIN WITE TOPPING); NUMBER OF SAMPLE UNITS IN SECTION; NUMBER OF SAMPLE UNITS TO BE INSPECTED

605 — SECTION NOT DESIGNATED FOR INSPECTION DUE TO CONSTRUCTION IN 2006, 2007.

100 — DESIGNATED SAMPLE UNITS. GPS COORDINATES ARE AT THE CENTROID OF THE SAMPLE UNIT.

100• — DOT ON A ODD SHAPED SAMPLE UNIT INDICATES THE CENTROID LOCATION.

SOURCE: SYSTEM INVENTORY DRAWING PREPARED BY URS CORPORATION, JUNE 2005.

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

NUMBER	DATE	REVISIONS
1	Jan-09	Draft Report
0	Feb-06	Initial Submittal

DESIGNED: FL DRAWN: GB CHECKED: DATE: 9-07-2007

URS

MACTEC Engineering and Consulting, Inc. Tallahassee, Florida 850-656-1293

PLANNING TECHNOLOGY INC — PANTHER INTERNATIONAL, LLC

NETWORK DEFINITION DRAWING
FERNANDINA BEACH MUNICIPAL AIRPORT
NASSAU COUNTY, FLORIDA
FLORIDA DEPARTMENT OF TRANSPORTATION - AVIATION OFFICE

IDENTIFIER 55J
FDOT DISTRICT 2
26

Table A-1: Pavement Inventory

Network Name	Network ID	Branch Name	Branch ID	Section ID	Length, Ft	Width, Ft	Area, SqFt	Rank	Surface	Last Const. Date	Last Insp. Date
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	NORTH APRON - TERMINAL	AP N	4205	160	200	32,000	P	AC	1/1/1987	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	NORTH APRON - TERMINAL	AP N	4210	400	60	24,000	P	PCC	1/1/1944	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	NORTH APRON - TERMINAL	AP N	4215	600	250	160,000	P	AC	1/1/1993	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	NORTH APRON - TERMINAL	AP N	4220	400	60	24,000	P	PCC	1/1/1944	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	NORTH APRON - TERMINAL	AP N	4240	560	255	142,800	T	AC	1/1/2004	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	NORTHWEST APRON	AP NW	4105	150	50	10,200	P	AC	1/1/2000	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	NORTHWEST APRON	AP NW	4110	120	100	12,200	P	AC	1/1/1987	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	NORTH RUN UP APRON	AP RU N	4510	300	50	12,000	T	AC	1/1/2004	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	SOUTHEAST APRON	AP SE	4405	230	40	19,800	P	AC	12/25/1999	12/25/1999*
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	SOUTHEAST APRON	AP SE	4410	250	150	46,900	P	PCC	1/1/2004	5/8/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	T-HANGAR APRON	AP T-HANG	4305	900	25	22,500	P	AC	12/25/2000	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	T-HANGAR APRON	AP T-HANG	4310	2,030	25	50,750	P	AC	12/25/1999	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	RUNWAY 13-31	RW 13-31	6205	120	100	12,000	P	AC	1/1/1996	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	RUNWAY 13-31	RW 13-31	6210	110	100	11,000	P	AC	1/1/1944	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	RUNWAY 13-31	RW 13-31	6215	4,690	100	489,000	P	AAC	1/1/1996	5/7/2007

See note at end of table.

Table A-1: Pavement Inventory

Network Name	Network ID	Branch Name	Branch ID	Section ID	Length, Ft	Width, Ft	Area, SqFt	Rank	Surface	Last Const. Date	Last Insp. Date
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	RUNWAY 13-31	RW 13-31	6225	165	100	16,500	P	AAC	1/1/1975	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	RUNWAY 4-22	RW 4-22	6105	5,100	100	510,000	P	AC	1/1/2004	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	RUNWAY 8-26	RW 8-26	6305	850	100	85,000	S	PCC	1/1/2004	5/8/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	RUNWAY 8-26	RW 8-26	6310	850	50	42,500	S	PCC	1/1/2004	5/8/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	RUNWAY 8-26	RW 8-26	6315	2,500	100	250,000	S	PCC	1/1/2004	5/8/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	RUNWAY 8-26	RW 8-26	6317	890	100	89,000	S	PCC	1/1/2004	5/8/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	RUNWAY 8-26	RW 8-26	6320	3,390	50	169,500	S	PCC	1/1/2004	5/8/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	RUNWAY 8-26	RW 8-26	6325	410	50	20,500	S	PCC	1/1/2004	1/1/2004*
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	RUNWAY 8-26	RW 8-26	6330	410	100	41,000	S	PCC	1/1/2004	5/8/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	RUNWAY 8-26	RW 8-26	6335	300	100	30,000	S	PCC	1/1/2004	5/8/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	RUNWAY 8-26	RW 8-26	6340	300	50	15,000	S	PCC	1/1/2004	5/8/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY A	TW A	310	220	50	11,000	P	AAC	1/1/1996	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY A	TW A	315	650	50	32,500	P	AAC	1/1/2004	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY A	TW A	320	582	50	29,100	P	AAC	1/1/2004	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY A	TW A	325	1,420	50	71,000	P	AC	1/1/2004	5/7/2007

See note at end of table.

Table A-1: Pavement Inventory

Network Name	Network ID	Branch Name	Branch ID	Section ID	Length, Ft	Width, Ft	Area, SqFt	Rank	Surface	Last Const. Date	Last Insp. Date
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY A	TW A	330	240	35	8,400	P	AAC	1/1/2004	5/8/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY A	TW A	335	1,225	35	42,875	P	AAC	1/1/2004	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY A	TW A	340	230	35	8,050	P	AC	1/1/1944	5/8/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY A	TW A	350	450	50	22,500	P	AAC	1/1/1996	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY B	TW B	205	200	35	7,250	P	AC	1/1/1996	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY B	TW B	210	2,700	35	94,500	P	AAC	1/1/1996	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY B	TW B	215	65	40	2,600	P	AC	1/1/1996	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY B	TW B	216	65	40	2,618	P	AC	1/1/1996	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY B	TW B	220	370	35	13,000	P	AAC	1/1/1996	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY B	TW B	225	43	40	1,738	P	AC	1/1/2004	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY B	TW B	226	55	40	2,200	P	APC	1/1/2004	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY B	TW B	230	700	35	25,500	P	AAC	1/1/1996	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY B	TW B	235	620	35	22,000	P	AAC	1/1/1996	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY C	TW C	105	765	50	38,250	P	PCC	1/1/2004	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY C	TW C	110	1,212	40	48,500	P	PCC	1/1/2004	5/7/2007

See note at end of table.

Table A-1: Pavement Inventory

Network Name	Network ID	Branch Name	Branch ID	Section ID	Length, Ft	Width, Ft	Area, SqFt	Rank	Surface	Last Const. Date	Last Insp. Date
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY C	TW C	115	170	50	9,929	P	PCC	1/1/2004	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY C	TW C	120	125	40	5,000	P	AC	1/1/2004	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY C	TW C	125	175	50	8,102	P	AC	1/1/2004	1/1/2004*
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY C	TW C	130	200	50	10,000	P	PCC	1/1/2004	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY C	TW C	140	300	50	15,000	P	PCC	1/1/2004	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY C	TW C	145	125	50	9,211	P	AC	1/1/2004	1/1/2004*
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY D	TW D	405	200	50	10,250	P	AC	1/1/2004	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY D	TW D	410	600	50	30,000	P	AC	1/1/1944	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY D	TW D	412	170	50	8,500	P	AAC	1/1/1996	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY D	TW D	415	230	50	11,500	P	AC	1/1/2004	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY D	TW D	417	236	50	11,800	P	AAC	1/1/1996	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY D	TW D	420	1,194	50	59,700	P	AC	1/1/2004	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY D	TW D	425	92	50	4,620	P	AAC	1/1/2004	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY D	TW D	426	104	50	5,200	P	AAC	1/1/2004	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY D	TW D	430	500	35	17,500	P	AC	1/1/2004	5/7/2007

See note at end of table.

Table A-1: Pavement Inventory

Network Name	Network ID	Branch Name	Branch ID	Section ID	Length, Ft	Width, Ft	Area, SqFt	Rank	Surface	Last Const. Date	Last Insp. Date
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY D	TW D	435	85	40	3,420	P	AC	1/1/2004	5/7/2007
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY TO WEST APRON	TW W AP	505	140	35	6,164	P	AC	1/1/1987	5/7/2007

Note: If 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 B

PCI RE-INSPECTION REPORT

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: AP N Name: NORTH APRON - TERMINAL Use: APRON Area: 382,800.00 SqFt

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

Last Insp. Date: 5/7/2007 Total Samples: 8 Surveyed: 1
Conditions: PCI:42.00 |
Inspection Comments:

Sample Number: 101 Type: R Area: 5,000.00 SqFt PCI = 42
Sample Comments:
52 M 43 M

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: AP N Name: NORTH APRON - TERMINAL Use: APRON Area: 382,800.00 SqFt

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

Last Insp. Date: 5/7/2007 Total Samples: 4 Surveyed: 1
Conditions: PCI:3.00 |
Inspection Comments:

Sample Number: 219 Type: R Area: 15.00 Count PCI = 3
Sample Comments:
72 M 63 M 72 H 70 L 73 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: AP N Name: NORTH APRON - TERMINAL Use: APRON Area: 382,800.00 SqFt

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

Last Insp. Date: 5/7/2007 Total Samples: 40 Surveyed: 4
Conditions: PCI:80.00 |
Inspection Comments:

Sample Number: 100 Type: R Area: 5,000.00 SqFt PCI = 92
Sample Comments:
48 L

Sample Number: 203 Type: R Area: 5,000.00 SqFt PCI = 100
Sample Comments:
<NO DISTRESSES>

Sample Number: 251 Type: R Area: 5,000.00 SqFt PCI = 66
Sample Comments:
48 L 50 L 52 L

Sample Number: 254 Type: R Area: 5,000.00 SqFt PCI = 62
Sample Comments:
43 L 50 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: AP N Name: NORTH APRON - TERMINAL Use: APRON Area: 382,800.00 SqFt

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

Last Insp. Date: 5/7/2007 Total Samples: 4 Surveyed: 1
Conditions: PCI:4.00 |
Inspection Comments:

Sample Number: 212 Type: R Area: 15.00 Count PCI = 4
Sample Comments:
67 L 74 L 72 M 63 M

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: AP N Name: NORTH APRON - TERMINAL Use: APRON Area: 382,800.00 SqFt

Section: 4240 of 5 From: To: Last Const.: 1/1/2004
Surface: AC Family: FDOT-RL-AP-AC Zone: Category: Rank: T
Area: 142,800.00 SqFt Length: 560.00 Ft Width: 255.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/7/2007 Total Samples: 29 Surveyed: 3
Conditions: PCI:98.00 |
Inspection Comments:

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

Sample Number: 401 Type: R Area: 3,000.00 SqFt PCI = 90
Sample Comments:
50 L

Sample Number: 404 Type: R Area: 5,000.00 SqFt PCI = 100
Sample Comments:
<NO DISTRESSES>

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

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

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

Last Insp. Date: 5/7/2007 Total Samples: 3 Surveyed: 1
Conditions: PCI:66.00 |
Inspection Comments:

Sample Number: 100 Type: R Area: 5,000.00 SqFt PCI = 66
Sample Comments:
48 L 52 L 56 L 50 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

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

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

Last Insp. Date: 5/7/2007 Total Samples: 3 Surveyed: 1
Conditions: PCI:74.00 |
Inspection Comments:

Sample Number: 300 Type: R Area: 9,500.00 SqFt PCI = 74
Sample Comments:
48 L 52 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: AP RU N Name: NORTH RUN UP APRON Use: APRON Area: 12,000.00 SqFt

Section: 4510 of 1 From: To: Last Const.: 1/1/2004
Surface: AC Family: FDOT-RL-AP-AC Zone: Category: Rank: T
Area: 12,000.00 SqFt Length: 300.00 Ft Width: 50.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/7/2007 Total Samples: 3 Surveyed: 1
Conditions: PCI:84.00 |
Inspection Comments:

Sample Number: 100 Type: R Area: 6,800.00 SqFt PCI = 84
Sample Comments:
50 M 45 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: AP SE Name: SOUTHEAST APRON Use: APRON Area: 66,700.00 SqFt

Section: 4405 of 2 From: - To: - Last Const.: 12/25/199
Surface: AC Family: FDOT-RL-AP-AC Zone: Category: Rank: P
Area: 19,800.00 SqFt Length: 230.00 Ft Width: 40.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. 12/25/1999 Total Samples: 0 Surveyed: 0
Date:
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
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: AP SE Name: SOUTHEAST APRON Use: APRON Area: 66,700.00 SqFt

Section: 4410 of 2 From: - To: - Last Const.: 1/1/2004
Surface: PCC Family: FDOT-RL-PCC Zone: Category: Rank: P
Area: 46,900.00 SqFt Length: 250.00 Ft Width: 150.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/8/2007 Total Samples: 30 Surveyed: 1
Conditions: PCI:30.00 |
Inspection Comments:

Sample Number: 502 Type: R Area: 10.00 Count PCI = 30
Sample Comments:
72 L 70 L 73 N 63 L 63 M 74 H 75 L 65 M

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

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

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

Last Insp. Date: 5/7/2007 Total Samples: 5 Surveyed: 1
Conditions: PCI:98.00 |
Inspection Comments:

Sample Number: 202 Type: R Area: 2,500.00 SqFt PCI = 98
Sample Comments:
50 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

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

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

Last Insp. Date: 5/7/2007 Total Samples: 11 Surveyed: 3
Conditions: PCI:78.00 |
Inspection Comments:

Sample Number: 107 Type: R Area: 2,500.00 SqFt PCI = 85
Sample Comments:
48 L

Sample Number: 309 Type: R Area: 2,500.00 SqFt PCI = 61
Sample Comments:
50 M 52 L

Sample Number: 406 Type: R Area: 2,500.00 SqFt PCI = 89
Sample Comments:
52 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: RW 13-31 Name: RUNWAY 13-31 Use: RUNWAY Area: 528,500.00 SqFt

Section: 6205 of 4 From: - To: - Last Const.: 1/1/1996
Surface: AC Family: FDOT-RL-RW-AC Zone: Category: Rank: P
Area: 12,000.00 SqFt Length: 120.00 Ft Width: 100.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/7/2007 Total Samples: 5 Surveyed: 1
Conditions: PCI:80.00 |
Inspection Comments:

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

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: RW 13-31 Name: RUNWAY 13-31 Use: RUNWAY Area: 528,500.00 SqFt

Section: 6210 of 4 From: - To: - Last Const.: 1/1/1944
Surface: AC Family: FDOT-RL-RW-AC Zone: Category: Rank: P
Area: 11,000.00 SqFt Length: 110.00 Ft Width: 100.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/7/2007 Total Samples: 3 Surveyed: 1
Conditions: PCI:38.00 |
Inspection Comments:

Sample Number: 300 Type: R Area: 5,000.00 SqFt PCI = 38
Sample Comments:
48 L 52 H 52 L 52 M

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: RW 13-31 Name: RUNWAY 13-31 Use: RUNWAY Area: 528,500.00 SqFt

Section: 6215 of 4 From: - To: - Last Const.: 1/1/1996
Surface: AAC Family: FDOT-RL-RW-AAC Zone: Category: Rank: P
Area: 489,000.00 SqFt Length: 4,690.00 Ft Width: 100.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/7/2007 Total Samples: 113 Surveyed: 17
Conditions: PCI:38.00 |
Inspection Comments:

Sample Number: 305 Type: R Area: 5,000.00 SqFt PCI = 53
Sample Comments:
43 M 52 L 48 L

Sample Number: 308 Type: R Area: 5,000.00 SqFt PCI = 49
Sample Comments:
43 L 48 L 43 M

Sample Number: 312 Type: R Area: 5,000.00 SqFt PCI = 32
Sample Comments:
43 M 52 M 48 L 52 L 43 L

Sample Number: 315 Type: R Area: 5,000.00 SqFt PCI = 25
Sample Comments:
43 M 52 H 52 M 52 L 48 L

Sample Number: 322 Type: R Area: 5,000.00 SqFt PCI = 44
Sample Comments:
43 M 52 M 48 L 52 H

Sample Number: 329 Type: R Area: 5,000.00 SqFt PCI = 24
Sample Comments:
43 M 52 L 48 L 52 M 52 H

Sample Number: 335 Type: R Area: 5,000.00 SqFt PCI = 46
Sample Comments:
52 H 48 L 43 L 43 M

Sample Number: 340 Type: R Area: 5,000.00 SqFt PCI = 30
Sample Comments:
43 M 52 M 52 L 48 L 52 H

Sample Number: 345 Type: R Area: 5,000.00 SqFt PCI = 27
Sample Comments:
43 L 43 M 48 L 52 M 52 H

Sample Number: 359 Type: R Area: 5,000.00 SqFt PCI = 33
Sample Comments:
52 L 48 L 43 L 48 M 52 H 52 M

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Sample Number: 365 Type: R Area: 5,000.00 SqFt PCI = 24
Sample Comments:
52 M 48 M 52 L 52 H 43 L 48 L

Sample Number: 372 Type: R Area: 5,000.00 SqFt PCI = 38
Sample Comments:
48 M 52 M 43 M 52 L 48 L 43 L

Sample Number: 376 Type: R Area: 5,000.00 SqFt PCI = 28
Sample Comments:
52 M 48 L 52 L 52 H 48 M 43 L

Sample Number: 381 Type: R Area: 5,000.00 SqFt PCI = 51
Sample Comments:
52 M 48 M 52 L 48 L 43 L

Sample Number: 387 Type: R Area: 3,200.00 SqFt PCI = 45
Sample Comments:
43 L 50 L 52 L 52 M

Sample Number: 395 Type: R Area: 5,000.00 SqFt PCI = 42
Sample Comments:
43 M 48 M 52 M 48 H 48 L

Sample Number: 402 Type: R Area: 5,000.00 SqFt PCI = 50
Sample Comments:
43 L 52 M 48 M 43 M 48 L 52 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: RW 13-31 Name: RUNWAY 13-31 Use: RUNWAY Area: 528,500.00 SqFt

Section: 6225 of 4 From: - To: - Last Const.: 1/1/1975
Surface: AAC Family: FDOT-RL-RW-AAC Zone: Category: Rank: P
Area: 16,500.00 SqFt Length: 165.00 Ft Width: 100.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/7/2007 Total Samples: 3 Surveyed: 2
Conditions: PCI:79.00 |
Inspection Comments:

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

Sample Number: 354 Type: R Area: 5,000.00 SqFt PCI = 88
Sample Comments:
48 L 45 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: RW 4-22 Name: RUNWAY 4-22 Use: RUNWAY Area: 510,000.00 SqFt

Section: 6105 of 1 From: - To: - Last Const.: 1/1/2004
Surface: AC Family: FDOT-RL-RW-AC Zone: Category: Rank: P
Area: 510,000.00 SqFt Length: 5,100.00 Ft Width: 100.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/7/2007 Total Samples: 132 Surveyed: 19
Conditions: PCI:94.00 |
Inspection Comments:

Sample Number: 101 Type: R Area: 5,000.00 SqFt PCI = 96
Sample Comments:
48 L

Sample Number: 108 Type: R Area: 5,000.00 SqFt PCI = 97
Sample Comments:
48 L

Sample Number: 115 Type: R Area: 5,000.00 SqFt PCI = 98
Sample Comments:
48 L

Sample Number: 122 Type: R Area: 5,000.00 SqFt PCI = 98
Sample Comments:
48 L

Sample Number: 126 Type: R Area: 5,000.00 SqFt PCI = 98
Sample Comments:
48 L

Sample Number: 129 Type: R Area: 5,000.00 SqFt PCI = 100
Sample Comments:
<NO DISTRESSES>

Sample Number: 136 Type: R Area: 5,000.00 SqFt PCI = 98
Sample Comments:
50 L

Sample Number: 143 Type: R Area: 5,000.00 SqFt PCI = 96
Sample Comments:
48 L

Sample Number: 148 Type: R Area: 5,000.00 SqFt PCI = 94
Sample Comments:
42 L 48 L

Sample Number: 150 Type: R Area: 5,000.00 SqFt PCI = 93
Sample Comments:
45 L 48 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Sample Number: 152 Type: R Area: 5,000.00 SqFt PCI = 87
Sample Comments:
48 M 50 L 48 L

Sample Number: 157 Type: R Area: 5,000.00 SqFt PCI = 95
Sample Comments:
48 L 50 L

Sample Number: 164 Type: R Area: 5,000.00 SqFt PCI = 95
Sample Comments:
48 L

Sample Number: 171 Type: R Area: 5,000.00 SqFt PCI = 100
Sample Comments:
<NO DISTRESSES>

Sample Number: 177 Type: R Area: 5,000.00 SqFt PCI = 84
Sample Comments:
56 L 48 L

Sample Number: 185 Type: R Area: 5,000.00 SqFt PCI = 95
Sample Comments:
48 L

Sample Number: 195 Type: R Area: 5,000.00 SqFt PCI = 96
Sample Comments:
48 L

Sample Number: 199 Type: R Area: 5,000.00 SqFt PCI = 93
Sample Comments:
48 L 50 L

Sample Number: 204 Type: R Area: 5,000.00 SqFt PCI = 74
Sample Comments:
50 L 48 L 43 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: RW 8-26 Name: RUNWAY 8-26 Use: RUNWAY Area: 742,500.00 SqFt

Section: 6305 of 9 From: - To: - Last Const.: 1/1/2004
Surface: PCC Family: FDOT-RL-PCC Zone: Category: Rank: S
Area: 85,000.00 SqFt Length: 850.00 Ft Width: 100.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/8/2007 Total Samples: 9 Surveyed: 2
Conditions: PCI:99.00 |
Inspection Comments:

Sample Number: 304 Type: R Area: 32.00 Count PCI = 100
Sample Comments:
66 L

Sample Number: 312 Type: R Area: 32.00 Count PCI = 99
Sample Comments:
66 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: RW 8-26 Name: RUNWAY 8-26 Use: RUNWAY Area: 742,500.00 SqFt

Section: 6310 of 9 From: - To: - Last Const.: 1/1/2004
Surface: PCC Family: FDOT-RL-PCC Zone: Category: Rank: S
Area: 42,500.00 SqFt Length: 850.00 Ft Width: 50.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/8/2007 Total Samples: 4 Surveyed: 2
Conditions: PCI:97.00 |
Inspection Comments:

Sample Number: 112 Type: R Area: 32.00 Count PCI = 99
Sample Comments:
75 L

Sample Number: 504 Type: R Area: 32.00 Count PCI = 96
Sample Comments:
66 L 74 L 65 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: RW 8-26 Name: RUNWAY 8-26 Use: RUNWAY Area: 742,500.00 SqFt

Section: 6315 of 9 From: - To: - Last Const.: 1/1/2004
Surface: PCC Family: FDOT-RL-PCC Zone: Category: Rank: S
Area: 250,000.00 SqFt Length: 2,500.00 Ft Width: 100.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/8/2007 Total Samples: 70 Surveyed: 9
Conditions: PCI:99.00 |
Inspection Comments:

Sample Number: 318 Type: R Area: 160.00 Count PCI = 99
Sample Comments:
75 L

Sample Number: 323 Type: R Area: 160.00 Count PCI = 97
Sample Comments:
75 L 74 L

Sample Number: 329 Type: R Area: 160.00 Count PCI = 98
Sample Comments:
74 L 75 L

Sample Number: 334 Type: R Area: 160.00 Count PCI = 100
Sample Comments:
<NO DISTRESSES>

Sample Number: 369 Type: R Area: 160.00 Count PCI = 100
Sample Comments:
75 L

Sample Number: 373 Type: R Area: 160.00 Count PCI = 98
Sample Comments:
74 L 75 L

Sample Number: 378 Type: R Area: 160.00 Count PCI = 99
Sample Comments:
75 L

Sample Number: 383 Type: R Area: 160.00 Count PCI = 100
Sample Comments:
<NO DISTRESSES>

Sample Number: 389 Type: R Area: 160.00 Count PCI = 100
Sample Comments:
<NO DISTRESSES>

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: RW 8-26 Name: RUNWAY 8-26 Use: RUNWAY Area: 742,500.00 SqFt

Section: 6317 of 9 From: - To: - Last Const.: 1/1/2004
Surface: PCC Family: FDOT-RL-PCC Zone: Category: Rank: S
Area: 89,000.00 SqFt Length: 890.00 Ft Width: 100.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/8/2007 Total Samples: 22 Surveyed: 5
Conditions: PCI:99.00 |
Inspection Comments:

Sample Number: 341 Type: R Area: 160.00 Count PCI = 100
Sample Comments:
<NO DISTRESSES>

Sample Number: 343 Type: R Area: 160.00 Count PCI = 100
Sample Comments:
75 L

Sample Number: 348 Type: R Area: 160.00 Count PCI = 98
Sample Comments:
66 L 74 L 75 L

Sample Number: 353 Type: R Area: 160.00 Count PCI = 99
Sample Comments:
74 L 66 L

Sample Number: 356 Type: R Area: 160.00 Count PCI = 99
Sample Comments:
74 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: RW 8-26 Name: RUNWAY 8-26 Use: RUNWAY Area: 742,500.00 SqFt

Section: 6320 of 9 From: - To: - Last Const.: 1/1/2004
Surface: PCC Family: FDOT-RL-PCC Zone: Category: Rank: S
Area: 169,500.00 SqFt Length: 3,390.00 Ft Width: 50.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/8/2007 Total Samples: 49 Surveyed: 1
Conditions: PCI:98.00 |
Inspection Comments:

Sample Number: 364 Type: R Area: 160.00 Count PCI = 98
Sample Comments:
71 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: RW 8-26 Name: RUNWAY 8-26 Use: RUNWAY Area: 742,500.00 SqFt

Section: 6325 of 9 From: - To: - Last Const.: 1/1/2004
Surface: PCC Family: FDOT-RL-PCC Zone: Category: Rank: S
Area: 20,500.00 SqFt Length: 410.00 Ft Width: 50.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

NOTE: * Pre-Construction PCI *****
Last Insp. Date: 11/10/1999 Total Samples: 4 Surveyed: 1
Conditions: PCI:10.00 |
Inspection Comments: IMPORTED FROM AIRPAV

Sample Number: 158 Type: R Area: 3,850.00 SqFt PCI = 10
Sample Comments:
48 M 48 L 52 M 53 M 56 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: RW 8-26 Name: RUNWAY 8-26 Use: RUNWAY Area: 742,500.00 SqFt

Section: 6330 of 9 From: - To: - Last Const.: 1/1/2004
Surface: PCC Family: FDOT-RL-PCC Zone: Category: Rank: S
Area: 41,000.00 SqFt Length: 410.00 Ft Width: 100.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/8/2007 Total Samples: 7 Surveyed: 1
Conditions: PCI:98.00 |
Inspection Comments:

Sample Number: 358 Type: R Area: 160.00 Count PCI = 98
Sample Comments:
74 L 75 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: RW 8-26 Name: RUNWAY 8-26 Use: RUNWAY Area: 742,500.00 SqFt

Section: 6335 of 9 From: - To: - Last Const.: 1/1/2004
Surface: PCC Family: FDOT-RL-PCC Zone: Category: Rank: S
Area: 30,000.00 SqFt Length: 300.00 Ft Width: 100.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/8/2007 Total Samples: 5 Surveyed: 2
Conditions: PCI:97.00 |
Inspection Comments:

Sample Number: 394 Type: R Area: 32.00 Count PCI = 98
Sample Comments:
74 L

Sample Number: 398 Type: R Area: 32.00 Count PCI = 96
Sample Comments:
74 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: RW 8-26 Name: RUNWAY 8-26 Use: RUNWAY Area: 742,500.00 SqFt

Section: 6340 of 9 From: - To: - Last Const.: 1/1/2004
Surface: PCC Family: FDOT-RL-PCC Zone: Category: Rank: S
Area: 15,000.00 SqFt Length: 300.00 Ft Width: 50.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/8/2007 Total Samples: 2 Surveyed: 1
Conditions: PCI:87.00 |
Inspection Comments:

Sample Number: 196 Type: R Area: 32.00 Count PCI = 87
Sample Comments:
74 L 75 L 74 M

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 225,425.00 SqFt

Section: 310 of 8 From: - To: - Last Const.: 1/1/1996
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 11,000.00 SqFt Length: 220.00 Ft Width: 50.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/7/2007 Total Samples: 3 Surveyed: 1
Conditions: PCI:45.00 |
Inspection Comments:

Sample Number: 101 Type: R Area: 5,000.00 SqFt PCI = 45
Sample Comments:
50 L 43 M

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 225,425.00 SqFt

Section: 315 of 8 From: - To: - Last Const.: 1/1/1944
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 32,500.00 SqFt Length: 650.00 Ft Width: 50.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/7/2007 Total Samples: 9 Surveyed: 2
Conditions: PCI:100.00 |
Inspection Comments:

Sample Number: 108 Type: R Area: 5,000.00 SqFt PCI = 100
Sample Comments:
<NO DISTRESSES>

Sample Number: 111 Type: R Area: 5,000.00 SqFt PCI = 100
Sample Comments:
<NO DISTRESSES>

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 225,425.00 SqFt

Section: 320 of 8 From: - To: - Last Const.: 1/1/1987
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 29,100.00 SqFt Length: 582.00 Ft Width: 50.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/7/2007 Total Samples: 7 Surveyed: 2
Conditions: PCI:100.00 |
Inspection Comments:

Sample Number: 116 Type: R Area: 5,000.00 SqFt PCI = 100
Sample Comments:
<NO DISTRESSES>

Sample Number: 118 Type: R Area: 5,000.00 SqFt PCI = 100
Sample Comments:
<NO DISTRESSES>

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 225,425.00 SqFt

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

Last Insp. Date: 5/7/2007 Total Samples: 18 Surveyed: 3
Conditions: PCI:97.00 |
Inspection Comments:

Sample Number: 121 Type: R Area: 5,000.00 SqFt PCI = 94
Sample Comments:
48 L

Sample Number: 125 Type: R Area: 5,000.00 SqFt PCI = 100
Sample Comments:
<NO DISTRESSES>

Sample Number: 131 Type: R Area: 5,000.00 SqFt PCI = 98
Sample Comments:
50 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 225,425.00 SqFt

Section: 330 of 8 From: - To: - Last Const.: 1/1/1944
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 8,400.00 SqFt Length: 240.00 Ft Width: 35.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/8/2007 Total Samples: 3 Surveyed: 1
Conditions: PCI:100.00 |
Inspection Comments:

Sample Number: 136 Type: R Area: 3,500.00 SqFt PCI = 100
Sample Comments:
<NO DISTRESSES>

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 225,425.00 SqFt

Section: 335 of 8 From: - To: - Last Const.: 1/1/1944
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 42,875.00 SqFt Length: 1,225.00 Ft Width: 35.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/7/2007 Total Samples: 15 Surveyed: 4
Conditions: PCI:97.00 |
Inspection Comments:

Sample Number: 139 Type: R Area: 3,500.00 SqFt PCI = 100
Sample Comments:
<NO DISTRESSES>

Sample Number: 144 Type: R Area: 3,500.00 SqFt PCI = 95
Sample Comments:
48 L 50 L

Sample Number: 146 Type: R Area: 3,500.00 SqFt PCI = 98
Sample Comments:
48 L

Sample Number: 149 Type: R Area: 3,500.00 SqFt PCI = 94
Sample Comments:
50 M

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 225,425.00 SqFt

Section: 340 of 8 From: - To: - Last Const.: 1/1/1944
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 8,050.00 SqFt Length: 230.00 Ft Width: 35.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/8/2007 Total Samples: 3 Surveyed: 1
Conditions: PCI:100.00 |
Inspection Comments:

Sample Number: 151 Type: R Area: 2,450.00 SqFt PCI = 100
Sample Comments:
<NO DISTRESSES>

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 225,425.00 SqFt

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

Last Insp. Date: 5/7/2007 Total Samples: 5 Surveyed: 1
Conditions: PCI:53.00 |
Inspection Comments:

Sample Number: 103 Type: R Area: 5,000.00 SqFt PCI = 53
Sample Comments:
52 L 43 M

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 171,406.00 SqFt

Section: 205 of 9 From: - To: - Last Const.: 1/1/1996
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 7,250.00 SqFt Length: 200.00 Ft Width: 35.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/7/2007 Total Samples: 2 Surveyed: 1
Conditions: PCI:96.00 |
Inspection Comments:

Sample Number: 101 Type: R Area: 3,500.00 SqFt PCI = 96
Sample Comments:
48 L 50 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 171,406.00 SqFt

Section: 210 of 9 From: - To: - Last Const.: 1/1/1996
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 94,500.00 SqFt Length: 2,700.00 Ft Width: 35.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/7/2007 Total Samples: 24 Surveyed: 4
Conditions: PCI:47.00 |
Inspection Comments:

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

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

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

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

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 171,406.00 SqFt

Section: 215 of 9 From: - To: - Last Const.: 1/1/1996
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 2,600.00 SqFt Length: 65.00 Ft Width: 40.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/7/2007 Total Samples: 1 Surveyed: 1
Conditions: PCI:71.00 |
Inspection Comments:

Sample Number: 130 Type: R Area: 2,800.00 SqFt PCI = 71
Sample Comments:
48 L 52 M

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 171,406.00 SqFt

Section: 216 of 9 From: - To: - Last Const.: 1/1/1996
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 2,618.00 SqFt Length: 65.45 Ft Width: 40.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/7/2007 Total Samples: 1 Surveyed: 1
Conditions: PCI:70.00 |
Inspection Comments:

Sample Number: 129 Type: R Area: 2,870.00 SqFt PCI = 70
Sample Comments:
52 L 43 M

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 171,406.00 SqFt

Section: 220 of 9 From: - To: - Last Const.: 1/1/1996
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 13,000.00 SqFt Length: 370.00 Ft Width: 35.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/7/2007 Total Samples: 3 Surveyed: 1
Conditions: PCI:77.00 |
Inspection Comments:

Sample Number: 133 Type: R Area: 4,300.00 SqFt PCI = 77
Sample Comments:
48 L 52 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 171,406.00 SqFt

Section: 225 of 9 From: - To: - Last Const.: 1/1/2004
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 1,738.00 SqFt Length: 43.45 Ft Width: 40.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/7/2007 Total Samples: 1 Surveyed: 1
Conditions: PCI:94.00 |
Inspection Comments:

Sample Number: 135 Type: R Area: 3,700.00 SqFt PCI = 94
Sample Comments:
48 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 171,406.00 SqFt

Section: 226 of 9 From: - To: - Last Const.: 1/1/2004
Surface: APC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 2,200.00 SqFt Length: 55.00 Ft Width: 40.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/7/2007 Total Samples: 1 Surveyed: 1
Conditions: PCI:86.00 |
Inspection Comments:

Sample Number: 134 Type: R Area: 1,505.00 SqFt PCI = 86
Sample Comments:
52 L 48 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 171,406.00 SqFt

Section: 230 of 9 From: - To: - Last Const.: 1/1/1996
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 25,500.00 SqFt Length: 700.00 Ft Width: 35.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/7/2007 Total Samples: 6 Surveyed: 2
Conditions: PCI:63.00 |
Inspection Comments:

Sample Number: 136 Type: R Area: 4,300.00 SqFt PCI = 74
Sample Comments:
48 L 50 L 43 L

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

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 171,406.00 SqFt

Section: 235 of 9 From: - To: - Last Const.: 1/1/1996
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 22,000.00 SqFt Length: 620.00 Ft Width: 35.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/7/2007 Total Samples: 6 Surveyed: 2
Conditions: PCI:59.00 |
Inspection Comments:

Sample Number: 146 Type: R Area: 3,500.00 SqFt PCI = 70
Sample Comments:
48 L 43 M

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

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 143,992.00 SqFt

Section: 105 of 8 From: - To: - Last Const.: 1/1/2004
Surface: PCC Family: FDOT-RL-PCC Zone: Category: Rank: P
Area: 38,250.00 SqFt Length: 765.00 Ft Width: 50.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/7/2007 Total Samples: 17 Surveyed: 1
Conditions: PCI:99.00 |
Inspection Comments:

Sample Number: 101 Type: R Area: 300.00 Count PCI = 99
Sample Comments:
66 L 74 L 75 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 143,992.00 SqFt

Section: 110 of 8 From: - To: - Last Const.: 1/1/2004
Surface: PCC Family: FDOT-RL-PCC Zone: Category: Rank: P
Area: 48,500.00 SqFt Length: 1,212.50 Ft Width: 40.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/7/2007 Total Samples: 12 Surveyed: 2
Conditions: PCI:99.00 |
Inspection Comments:

Sample Number: 107 Type: R Area: 300.00 Count PCI = 99
Sample Comments:
75 L 66 L

Sample Number: 114 Type: R Area: 300.00 Count PCI = 99
Sample Comments:
74 L 75 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 143,992.00 SqFt

Section: 115 of 8 From: - To: - Last Const.: 1/1/2004
Surface: PCC Family: FDOT-RL-PCC Zone: Category: Rank: P
Area: 9,929.00 SqFt Length: 170.00 Ft Width: 50.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/7/2007 Total Samples: 6 Surveyed: 1
Conditions: PCI:99.00 |
Inspection Comments:

Sample Number: 133 Type: R Area: 300.00 Count PCI = 99
Sample Comments:
74 L 66 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 143,992.00 SqFt

Section: 120 of 8 From: - To: - Last Const.: 1/1/2004
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 5,000.00 SqFt Length: 125.00 Ft Width: 40.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/7/2007 Total Samples: 1 Surveyed: 1
Conditions: PCI:42.00 |
Inspection Comments:

Sample Number: 116 Type: R Area: 3,600.00 SqFt PCI = 42
Sample Comments:
52 L 48 M 50 L 48 L 48 H 52 M

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 143,992.00 SqFt

Section: 125 of 8 From: - To: - Last Const.: 1/1/2004
Surface: AC Family: FDOT-RL-TW-AC Zone: Category: Rank: P
Area: 8,102.00 SqFt Length: 175.00 Ft Width: 50.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 1/1/2004 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
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 143,992.00 SqFt

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

Last Insp. Date: 5/7/2007 Total Samples: 35 Surveyed: 1
Conditions: PCI:99.00 |
Inspection Comments:

Sample Number: 107 Type: R Area: 300.00 Count PCI = 99
Sample Comments:
75 L 66 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 143,992.00 SqFt

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

Last Insp. Date: 5/7/2007 Total Samples: 12 Surveyed: 1
Conditions: PCI:97.00 |
Inspection Comments:

Sample Number: 136 Type: R Area: 32.00 Count PCI = 97
Sample Comments:
74 L 66 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 143,992.00 SqFt

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

Last Insp. Date: 1/1/2004 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
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW D Name: TAXIWAY D Use: TAXIWAY Area: 162,490.00 SqFt

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

Last Insp. Date: 5/7/2007 Total Samples: 3 Surveyed: 1
Conditions: PCI:68.00 |
Inspection Comments:

Sample Number: 101 Type: R Area: 4,300.00 SqFt PCI = 68
Sample Comments:
50 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW D Name: TAXIWAY D Use: TAXIWAY Area: 162,490.00 SqFt

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

Last Insp. Date: 5/7/2007 Total Samples: 8 Surveyed: 2
Conditions: PCI:100.00 |
Inspection Comments:

Sample Number: 103 Type: R Area: 4,300.00 SqFt PCI = 100
Sample Comments:
<NO DISTRESSES>

Sample Number: 107 Type: R Area: 3,600.00 SqFt PCI = 100
Sample Comments:
<NO DISTRESSES>

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW D Name: TAXIWAY D Use: TAXIWAY Area: 162,490.00 SqFt

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

Last Insp. Date: 5/7/2007 Total Samples: 2 Surveyed: 1
Conditions: PCI:94.00 |
Inspection Comments:

Sample Number: 109 Type: R Area: 4,730.00 SqFt PCI = 94
Sample Comments:
45 M

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW D Name: TAXIWAY D Use: TAXIWAY Area: 162,490.00 SqFt

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

Last Insp. Date: 5/7/2007 Total Samples: 3 Surveyed: 1
Conditions: PCI:100.00 |
Inspection Comments:

Sample Number: 110 Type: R Area: 3,600.00 SqFt PCI = 100
Sample Comments:
<NO DISTRESSES>

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW D Name: TAXIWAY D Use: TAXIWAY Area: 162,490.00 SqFt

Section: 417 of 10 From: - To: - Last Const.: 1/1/1996
Surface: AAC Family: FDOT-RL-TW-AAC Zone: Category: Rank: P
Area: 11,800.00 SqFt Length: 236.00 Ft Width: 50.00 Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/7/2007 Total Samples: 3 Surveyed: 1
Conditions: PCI:100.00 |
Inspection Comments:

Sample Number: 112 Type: R Area: 2,700.00 SqFt PCI = 100
Sample Comments:
<NO DISTRESSES>

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW D Name: TAXIWAY D Use: TAXIWAY Area: 162,490.00 SqFt

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

Last Insp. Date: 5/7/2007 Total Samples: 15 Surveyed: 3
Conditions: PCI:100.00 |
Inspection Comments:

Sample Number: 119 Type: R Area: 3,600.00 SqFt PCI = 100
Sample Comments:
<NO DISTRESSES>

Sample Number: 124 Type: R Area: 3,600.00 SqFt PCI = 100
Sample Comments:
<NO DISTRESSES>

Sample Number: 128 Type: R Area: 3,600.00 SqFt PCI = 100
Sample Comments:
<NO DISTRESSES>

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW D Name: TAXIWAY D Use: TAXIWAY Area: 162,490.00 SqFt

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

Last Insp. Date: 5/7/2007 Total Samples: 1 Surveyed: 1
Conditions: PCI:90.00 |
Inspection Comments:

Sample Number: 130 Type: R Area: 3,800.00 SqFt PCI = 90
Sample Comments:
45 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW D Name: TAXIWAY D Use: TAXIWAY Area: 162,490.00 SqFt

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

Last Insp. Date: 5/7/2007 Total Samples: 1 Surveyed: 1
Conditions: PCI:88.00 |
Inspection Comments:

Sample Number: 131 Type: R Area: 1,296.00 SqFt PCI = 88
Sample Comments:
45 L

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW D Name: TAXIWAY D Use: TAXIWAY Area: 162,490.00 SqFt

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

Last Insp. Date: 5/7/2007 Total Samples: 4 Surveyed: 2
Conditions: PCI:100.00 |
Inspection Comments:

Sample Number: 133 Type: R Area: 3,500.00 SqFt PCI = 100
Sample Comments:
<NO DISTRESSES>

Sample Number: 135 Type: R Area: 3,500.00 SqFt PCI = 100
Sample Comments:
<NO DISTRESSES>

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

Branch: TW D Name: TAXIWAY D Use: TAXIWAY Area: 162,490.00 SqFt

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

Last Insp. Date: 5/7/2007 Total Samples: 1 Surveyed: 1
Conditions: PCI:100.00 |
Inspection Comments:

Sample Number: 137 Type: R Area: 3,420.00 SqFt PCI = 100
Sample Comments:
<NO DISTRESSES>

Re-inspection Report

FDOT
Report Generated Date: 12/28/200
Site Name:

Network: 55J Name: FERNANDINA BEACH MUNICIPAL AIRPORT

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

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

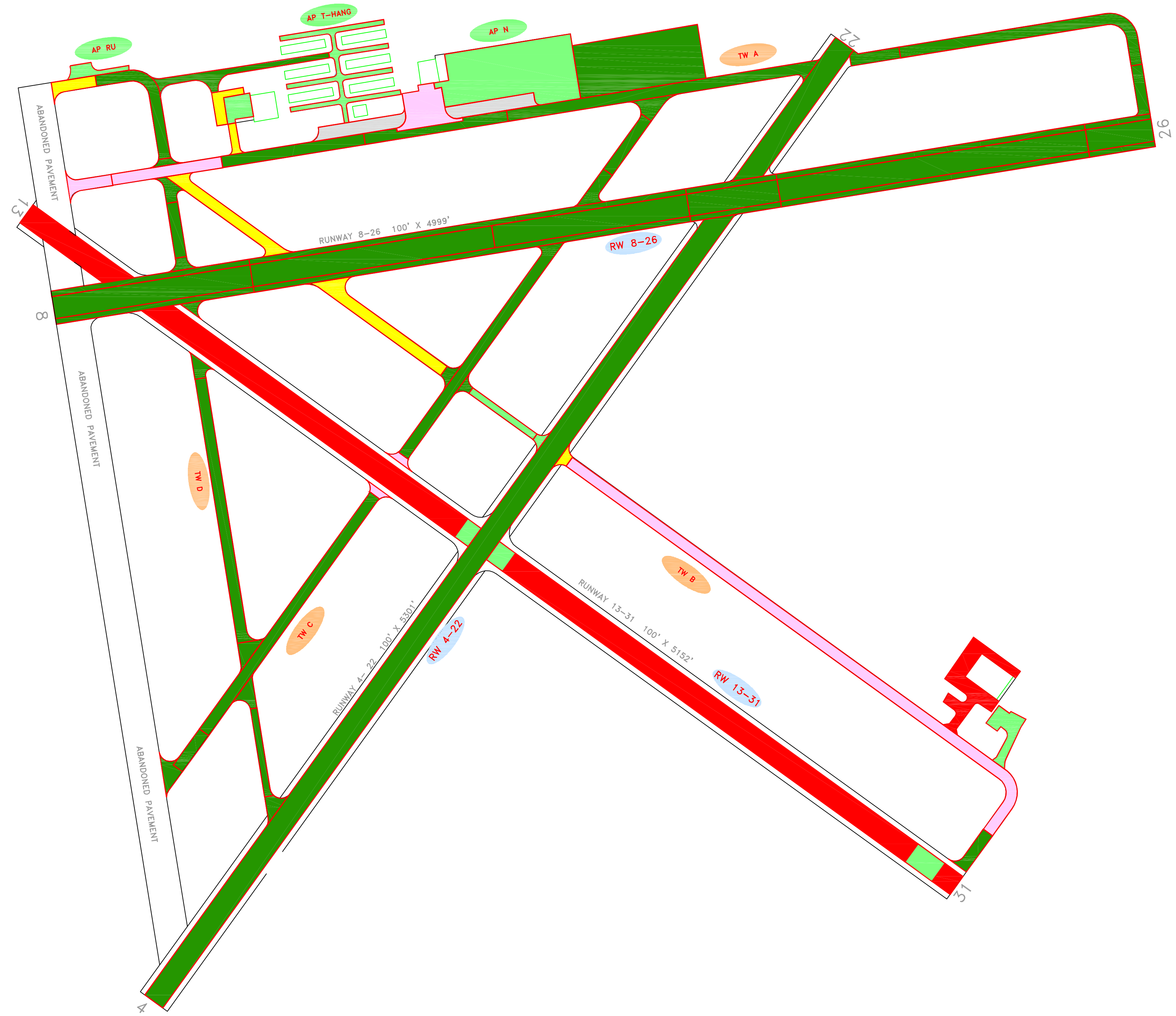
Last Insp. Date: 5/7/2007 Total Samples: 2 Surveyed: 1
Conditions: PCI:69.00 |
Inspection Comments:

Sample Number: 100 Type: R Area: 2,975.00 SqFt PCI = 69
Sample Comments:
52 L 48 L

APPENDIX C

2007 CONDITION MAP AND TABLES

FEATURE PAVEMENT HISTORY
NO HISTORICAL DATA AVAILABLE



LEGEND

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

- Good
- Satisfactory
- Fair
- Poor
- Very Poor
- Serious
- Failed

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

NUMBER	DATE	REVISIONS
1	**Jan-10**	**Draft Report**
0	*Feb-06*	*Initial Submittal*

DESIGNED: FL | DRAWN: GB | CHECKED: | DATE: 9-07-2007

P:\COM_SHARED\FDOT AVIATION\CAD DRAWINGS\SYSTEM INVENTORY\AUTOCAD\FERNANDINABEACHMUNICIPAL.DWG, BB-BB 02/17/06 11:37:56

MACTEC
Engineering and Consulting, Inc.
Tallahassee, Florida
850-656-1293

2007 Condition Map

FERNANDINA BEACH MUNICIPAL AIRPORT
NASSAU COUNTY, FLORIDA

FLORIDA DEPARTMENT OF TRANSPORTATION - AVIATION OFFICE

26

IDENTIFIER 55J

FDOT DISTRICT 2

Table C-1: Pavement Condition Index

Network Name	Network ID	Branch Name	Branch ID	Section ID	Length, Ft	Width, Ft	Area, SqFt	Rank	Surface	Last Const. Date	Last Insp. Date	2007 PCI
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	NORTH APRON - TERMINAL	AP N	4205	160	200	32,000	P	AC	1/1/1987	5/7/2007	42
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	NORTH APRON - TERMINAL	AP N	4210	400	60	24,000	P	PCC	1/1/1944	5/7/2007	3
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	NORTH APRON - TERMINAL	AP N	4215	600	250	160,000	P	AC	1/1/1993	5/7/2007	80
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	NORTH APRON - TERMINAL	AP N	4220	400	60	24,000	P	PCC	1/1/1944	5/7/2007	4
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	NORTH APRON - TERMINAL	AP N	4240	560	255	142,800	T	AC	1/1/2004	5/7/2007	98
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	NORTHWEST APRON	AP NW	4105	150	50	10,200	P	AC	1/1/2000	5/7/2007	66
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	NORTHWEST APRON	AP NW	4110	120	100	12,200	P	AC	1/1/1987	5/7/2007	74
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	NORTH RUN UP APRON	AP RU N	4510	300	50	12,000	T	AC	1/1/2004	5/7/2007	84
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	SOUTHEAST APRON	AP SE	4405	230	40	19,800	P	AC	12/25/1999	12/25/1999*	84
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	SOUTHEAST APRON	AP SE	4410	250	150	46,900	P	PCC	1/1/2004	5/8/2007	30
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	T-HANGAR APRON	AP T-HANG	4305	900	25	22,500	P	AC	12/25/2000	5/7/2007	98
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	T-HANGAR APRON	AP T-HANG	4310	2,030	25	50,750	P	AC	12/25/1999	5/7/2007	78
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	RUNWAY 13-31	RW 13-31	6205	120	100	12,000	P	AC	1/1/1996	5/7/2007	80
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	RUNWAY 13-31	RW 13-31	6210	110	100	11,000	P	AC	1/1/1944	5/7/2007	38
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	RUNWAY 13-31	RW 13-31	6215	4,690	100	489,000	P	AAC	1/1/1996	5/7/2007	38

See note at end of table.

Table C-1: Pavement Condition Index

Network Name	Network ID	Branch Name	Branch ID	Section ID	Length, Ft	Width, Ft	Area, SqFt	Rank	Surface	Last Const. Date	Last Insp. Date	2007 PCI
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	RUNWAY 13-31	RW 13-31	6225	165	100	16,500	P	AAC	1/1/1975	5/7/2007	79
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	RUNWAY 4-22	RW 4-22	6105	5,100	100	510,000	P	AC	1/1/2004	5/7/2007	94
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	RUNWAY 8-26	RW 8-26	6305	850	100	85,000	S	PCC	1/1/2004	5/8/2007	99
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	RUNWAY 8-26	RW 8-26	6310	850	50	42,500	S	PCC	1/1/2004	5/8/2007	97
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	RUNWAY 8-26	RW 8-26	6315	2,500	100	250,000	S	PCC	1/1/2004	5/8/2007	99
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	RUNWAY 8-26	RW 8-26	6317	890	100	89,000	S	PCC	1/1/2004	5/8/2007	99
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	RUNWAY 8-26	RW 8-26	6320	3,390	50	169,500	S	PCC	1/1/2004	5/8/2007	98
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	RUNWAY 8-26	RW 8-26	6325	410	50	20,500	S	PCC	1/1/2004	1/1/2004*	97
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	RUNWAY 8-26	RW 8-26	6330	410	100	41,000	S	PCC	1/1/2004	5/8/2007	98
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	RUNWAY 8-26	RW 8-26	6335	300	100	30,000	S	PCC	1/1/2004	5/8/2007	97
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	RUNWAY 8-26	RW 8-26	6340	300	50	15,000	S	PCC	1/1/2004	5/8/2007	87
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY A	TW A	310	220	50	11,000	P	AAC	1/1/1996	5/7/2007	45
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY A	TW A	315	650	50	32,500	P	AAC	1/1/2004	5/7/2007	100
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY A	TW A	320	582	50	29,100	P	AAC	1/1/2004	5/7/2007	100
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY A	TW A	325	1,420	50	71,000	P	AC	1/1/2004	5/7/2007	97

See note at end of table.

Table C-1: Pavement Condition Index

Network Name	Network ID	Branch Name	Branch ID	Section ID	Length, Ft	Width, Ft	Area, SqFt	Rank	Surface	Last Const. Date	Last Insp. Date	2007 PCI
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY A	TW A	330	240	35	8,400	P	AAC	1/1/2004	5/8/2007	100
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY A	TW A	335	1,225	35	42,875	P	AAC	1/1/2004	5/7/2007	97
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY A	TW A	340	230	35	8,050	P	AC	1/1/1944	5/8/2007	100
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY A	TW A	350	450	50	22,500	P	AAC	1/1/1996	5/7/2007	53
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY B	TW B	205	200	35	7,250	P	AC	1/1/1996	5/7/2007	96
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY B	TW B	210	2,700	35	94,500	P	AAC	1/1/1996	5/7/2007	47
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY B	TW B	215	65	40	2,600	P	AC	1/1/1996	5/7/2007	71
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY B	TW B	216	65	40	2,618	P	AC	1/1/1996	5/7/2007	70
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY B	TW B	220	370	35	13,000	P	AAC	1/1/1996	5/7/2007	77
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY B	TW B	225	43	40	1,738	P	AC	1/1/2004	5/7/2007	94
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY B	TW B	226	55	40	2,200	P	APC	1/1/2004	5/7/2007	86
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY B	TW B	230	700	35	25,500	P	AAC	1/1/1996	5/7/2007	63
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY B	TW B	235	620	35	22,000	P	AAC	1/1/1996	5/7/2007	59
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY C	TW C	105	765	50	38,250	P	PCC	1/1/2004	5/7/2007	99
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY C	TW C	110	1,212	40	48,500	P	PCC	1/1/2004	5/7/2007	99

See note at end of table.

Table C-1: Pavement Condition Index

Network Name	Network ID	Branch Name	Branch ID	Section ID	Length, Ft	Width, Ft	Area, SqFt	Rank	Surface	Last Const. Date	Last Insp. Date	2007 PCI
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY C	TW C	115	170	50	9,929	P	PCC	1/1/2004	5/7/2007	99
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY C	TW C	120	125	40	5,000	P	AC	1/1/2004	5/7/2007	42
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY C	TW C	125	175	50	8,102	P	AC	1/1/2004	1/1/2004*	93
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY C	TW C	130	200	50	10,000	P	PCC	1/1/2004	5/7/2007	99
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY C	TW C	140	300	50	15,000	P	PCC	1/1/2004	5/7/2007	97
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY C	TW C	145	125	50	9,211	P	AC	1/1/2004	1/1/2004*	93
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY D	TW D	405	200	50	10,250	P	AC	1/1/2004	5/7/2007	68
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY D	TW D	410	600	50	30,000	P	AC	1/1/1944	5/7/2007	100
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY D	TW D	412	170	50	8,500	P	AAC	1/1/1996	5/7/2007	94
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY D	TW D	415	230	50	11,500	P	AC	1/1/2004	5/7/2007	100
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY D	TW D	417	236	50	11,800	P	AAC	1/1/1996	5/7/2007	100
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY D	TW D	420	1,194	50	59,700	P	AC	1/1/2004	5/7/2007	100
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY D	TW D	425	92	50	4,620	P	AAC	1/1/2004	5/7/2007	90
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY D	TW D	426	104	50	5,200	P	AAC	1/1/2004	5/7/2007	88
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY D	TW D	430	500	35	17,500	P	AC	1/1/2004	5/7/2007	100

See note at end of table.

Table C-1: Pavement Condition Index

Network Name	Network ID	Branch Name	Branch ID	Section ID	Length, Ft	Width, Ft	Area, SqFt	Rank	Surface	Last Const. Date	Last Insp. Date	2007 PCI
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY D	TW D	435	85	40	3,420	P	AC	1/1/2004	5/7/2007	100
FERNANDINA BEACH MUNICIPAL AIRPORT	55J	TAXIWAY TO WEST APRON	TW W AP	505	140	35	6,164	P	AC	1/1/1987	5/7/2007	69

Note: If 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.

Table C-2: Pavement Condition Prediction

Network ID	Branch ID	Section ID	2007 PCI	PCI Forecast									
				2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
55J	AP N	4205	42	40	39	37	35	33	31	29	27	25	22
55J	AP N	4210	3	2	1	0	0	0	0	0	0	0	0
55J	AP N	4215	80	78	77	75	74	72	71	70	69	67	66
55J	AP N	4220	4	3	2	1	0	0	0	0	0	0	0
55J	AP N	4240	98	95	93	91	89	87	85	83	81	80	78
55J	AP NW	4105	66	65	64	63	62	60	59	58	57	56	55
55J	AP NW	4110	74	73	71	70	69	68	66	65	64	63	62
55J	AP RU N	4510	84	82	80	79	77	76	74	73	72	70	69
55J	AP SE	4405	84	82	80	79	77	76	74	73	72	70	69
55J	AP SE	4410	30	29	28	27	26	25	24	23	22	21	20
55J	AP T-HANG	4305	98	95	93	91	89	87	85	83	81	80	78
55J	AP T-HANG	4310	78	76	75	74	72	71	70	68	67	66	65
55J	RW 13-31	6205	80	78	76	73	71	69	67	65	63	62	60
55J	RW 13-31	6210	38	37	36	36	35	34	33	32	30	29	28
55J	RW 13-31	6215	38	36	33	31	28	26	23	21	18	16	13
55J	RW 13-31	6225	79	76	74	72	70	68	67	65	64	63	62
55J	RW 4-22	6105	94	92	90	88	86	84	81	79	77	75	73
55J	RW 8-26	6305	99	98	97	96	95	94	93	92	91	90	89
55J	RW 8-26	6310	97	96	95	94	93	92	91	90	89	88	87
55J	RW 8-26	6315	99	98	97	96	95	94	93	92	91	90	89
55J	RW 8-26	6317	99	98	97	96	95	94	93	92	91	90	89
55J	RW 8-26	6320	98	97	96	95	94	93	92	91	90	89	88
55J	RW 8-26	6325	97	96	94	93	92	91	90	89	88	87	86
55J	RW 8-26	6330	98	97	96	95	94	93	92	91	90	89	88
55J	RW 8-26	6335	97	96	95	94	93	92	91	90	89	88	87
55J	RW 8-26	6340	87	86	85	84	83	82	81	80	79	78	77
55J	TW A	310	45	43	41	40	38	36	34	33	31	29	27
55J	TW A	315	100	96	93	90	87	85	82	80	78	77	75
55J	TW A	320	100	96	93	90	87	85	82	80	78	77	75
55J	TW A	325	97	95	93	91	89	87	85	83	82	80	79
55J	TW A	330	100	96	93	90	87	85	82	80	78	77	75

See note at end of table.

Table C-2: Pavement Condition Prediction

Network ID	Branch ID	Section ID	2007 PCI	PCI Forecast									
				2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
55J	TW A	335	97	93	90	88	85	83	81	79	77	75	74
55J	TW A	340	100	98	95	93	91	89	88	86	84	82	81
55J	TW A	350	53	51	49	47	46	44	42	40	39	37	35
55J	TW B	205	96	94	92	90	88	86	84	83	81	79	78
55J	TW B	210	47	45	43	42	40	38	36	35	33	31	29
55J	TW B	215	71	70	68	67	66	65	64	63	62	61	60
55J	TW B	216	70	69	68	66	65	64	63	62	61	60	59
55J	TW B	220	77	75	74	73	72	71	70	69	68	67	67
55J	TW B	225	94	92	90	88	86	84	83	81	80	78	77
55J	TW B	226	86	83	81	79	77	76	74	73	72	71	70
55J	TW B	230	63	62	61	61	60	58	57	56	54	53	51
55J	TW B	235	59	58	56	55	53	52	50	48	46	44	43
55J	TW C	105	99	98	97	96	95	94	93	92	91	90	89
55J	TW C	110	99	98	97	96	95	94	93	92	91	90	89
55J	TW C	115	99	98	97	96	95	94	93	92	91	90	89
55J	TW C	120	42	41	39	38	37	35	34	32	31	29	27
55J	TW C	125	93	91	89	87	85	83	82	80	79	77	76
55J	TW C	130	99	98	97	96	95	94	93	92	91	90	89
55J	TW C	140	97	96	95	94	93	92	91	90	89	88	87
55J	TW C	145	93	91	89	87	85	83	82	80	79	77	76
55J	TW D	405	68	67	66	65	63	62	61	60	59	58	57
55J	TW D	410	100	98	95	93	91	89	88	86	84	82	81
55J	TW D	412	94	91	88	85	83	81	79	77	76	74	73
55J	TW D	415	100	98	95	93	91	89	88	86	84	82	81
55J	TW D	417	100	96	93	90	87	85	82	80	78	77	75
55J	TW D	420	100	98	95	93	91	89	88	86	84	82	81
55J	TW D	425	90	87	85	82	80	78	77	75	74	73	71
55J	TW D	426	88	85	83	81	79	77	76	74	73	72	71
55J	TW D	430	100	98	95	93	91	89	88	86	84	82	81
55J	TW D	435	100	98	95	93	91	89	88	86	84	82	81
55J	TW W AP	505	69	68	67	65	64	63	62	61	60	59	58

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

APPENDIX D

AREA-WEIGHTED PCI RESULTS BY BRANCH

Table D-1 Condition Summary by Branch

Network	Branch Name	2007 PCI
FERNANDINA BEACH MUNICIPAL	NORTH APRON - TERMINAL	74
FERNANDINA BEACH MUNICIPAL	NORTHWEST APRON	70
FERNANDINA BEACH MUNICIPAL	NORTH RUN UP APRON	84
FERNANDINA BEACH MUNICIPAL	SOUTHEAST APRON	46
FERNANDINA BEACH MUNICIPAL	T-HANGAR APRON	84
FERNANDINA BEACH MUNICIPAL	RUNWAY 13-31	40
FERNANDINA BEACH MUNICIPAL	RUNWAY 4-22	94
FERNANDINA BEACH MUNICIPAL	RUNWAY 8-26	98
FERNANDINA BEACH MUNICIPAL	TAXIWAY A	91
FERNANDINA BEACH MUNICIPAL	TAXIWAY B	57
FERNANDINA BEACH MUNICIPAL	TAXIWAY C	96
FERNANDINA BEACH MUNICIPAL	TAXIWAY D	97
FERNANDINA BEACH MUNICIPAL	TAXIWAY TO WEST APRON	69

APPENDIX E

MAJOR M&R PLAN BY YEAR

Table E-1: Major M&R Plan by Year

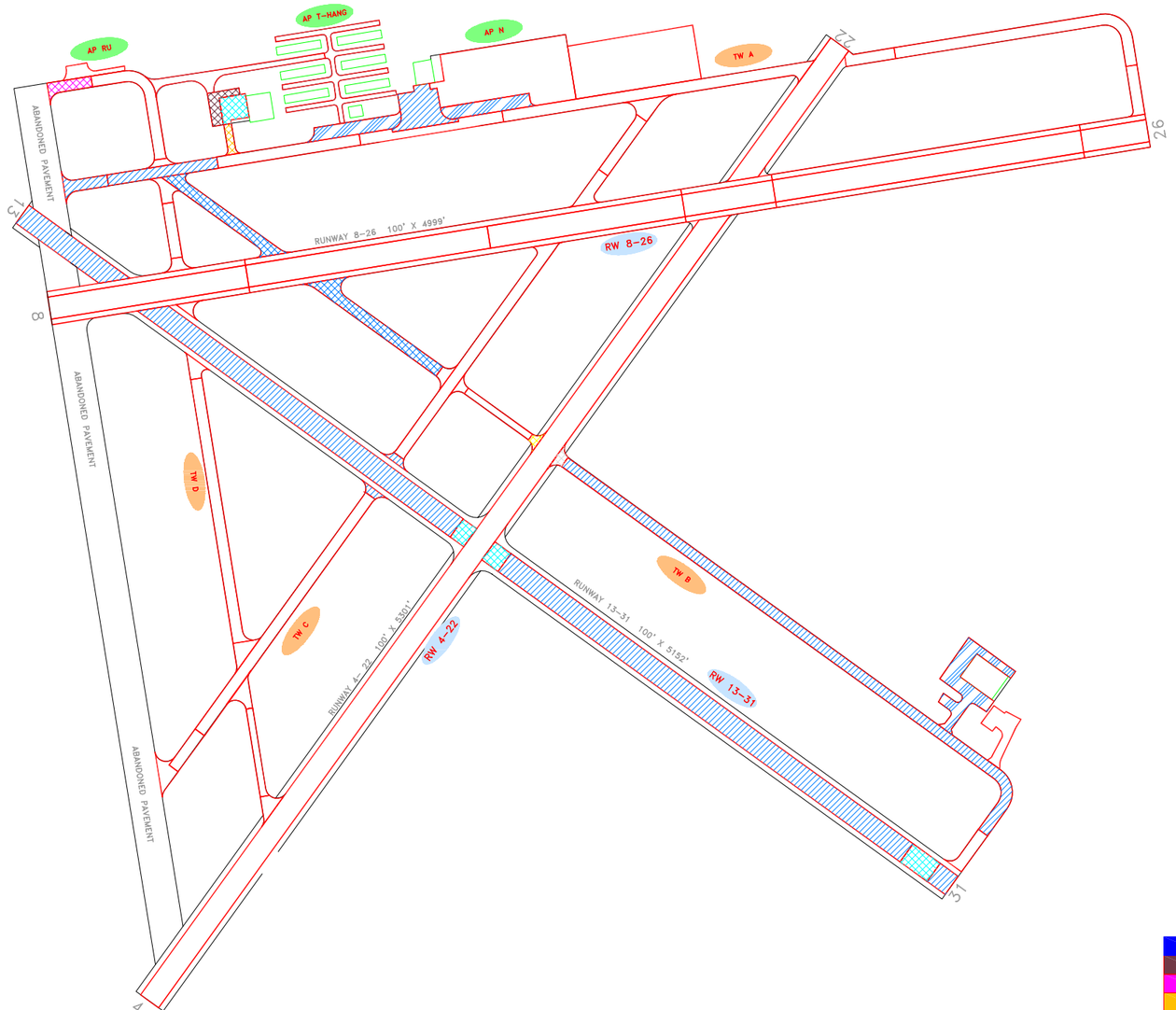
Network	Branch Use	Branch ID	Section ID	Surface	Area, SqFt	Year	PCI Before Maint.	Activities	PCI After Maint.	Cost
55J	APRON	AP N	4205	AC	32,000	2008	40	Mill & Overlay	100	$243,520
55J	APRON	AP N	4210	PCC	24,000	2008	2	Reconstruction	100	$445,680
55J	APRON	AP N	4220	PCC	24,000	2008	3	Reconstruction	100	$445,680
55J	APRON	AP SE	4410	PCC	46,900	2008	29	Reconstruction	100	$870,933
55J	RUNWAY	RW 13-31	6210	AC	11,000	2008	37	Mill & Overlay	100	$119,878
55J	RUNWAY	RW 13-31	6215	AAC	489,000	2008	36	Mill & Overlay	100	$5,865,067
55J	TAXIWAY	TW A	310	AAC	11,000	2008	43	Mill & Overlay	100	$83,710
55J	TAXIWAY	TW A	350	AAC	22,500	2008	51	Mill & Overlay	100	$162,382
55J	TAXIWAY	TW B	210	AAC	94,500	2008	45	Mill & Overlay	100	$719,145
55J	TAXIWAY	TW B	230	AAC	25,500	2008	62	Microsurfacing	100	$79,662
55J	TAXIWAY	TW B	235	AAC	22,000	2008	58	Microsurfacing	100	$98,252
55J	TAXIWAY	TW C	120	AC	5,000	2008	41	Mill & Overlay	100	$38,050
55J	APRON	AP NW	4105	AC	10,200	2009	64	Microsurfacing	100	$26,979
55J	TAXIWAY	TW D	405	AC	10,250	2010	63	Microsurfacing	100	$27,925
55J	TAXIWAY	TW W AP	505	AC	6,164	2011	64	Microsurfacing	100	$17,297
55J	TAXIWAY	TW B	216	AC	2,618	2012	64	Microsurfacing	100	$7,567
55J	TAXIWAY	TW B	215	AC	2,600	2013	64	Microsurfacing	100	$7,740
55J	APRON	AP NW	4110	AC	12,200	2015	64	Microsurfacing	100	$38,531
55J	RUNWAY	RW 13-31	6205	AC	12,000	2015	63	Microsurfacing	100	$42,003
55J	RUNWAY	RW 13-31	6225	AAC	16,500	2015	64	Microsurfacing	100	$52,112

APPENDIX F

10-YEAR M&R MAP

FEATURE PAVEMENT HISTORY

NO HISTORICAL DATA AVAILABLE



LEGEND

RW 13-31 — TYPICAL RUNWAY BRANCH ID

TW A — TYPICAL TAXIWAY BRANCH ID

AP S — TYPICAL APRON BRANCH ID

Year	Activity
2008	Microsurfacing
2009	
2010	Mill & Overlay
2011	
2012	Reconstruction
2013	
2014	Concrete Pavement Restoration
2015	
2016	
2017	

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

NUMBER	DATE	REVISIONS
1	Jan-10	Draft Report
0	Feb-06	Initial Submittal

DESIGNED: FL | DRAWN: GB | CHECKED: | DATE: 9-07-2007

MACTEC
Engineering and Consulting, Inc.
Tallahassee, Florida
850-656-1293

10-Year M&R Map

FERNANDINA BEACH MUNICIPAL AIRPORT
NASSAU COUNTY, FLORIDA

FLORIDA DEPARTMENT OF TRANSPORTATION - AVIATION OFFICE

IDENTIFIER 55J

FDOT DISTRICT 2

APPENDIX G

PHOTOGRAPHS

RW 13-31 Section 6215 SU 305: Low Severity L/T Cracking (May 7, 2007)

RW 13-31 Section 6215 SU 315: High Severity Weathering (May 7, 2007)

RW 13-31 Section 6215 SU 340: Medium Severity Block Cracking (May 7, 2007)

TW A Section 310 SU 101: Medium Severity Block Cracking (May 7, 2007)

TW C Section 120 SU 116: Section Overview (May 7, 2007)

AP NW Section 4110 SU 300: Low Severity L/T Cracking (May 7, 2007)

AP NW Section 4105 SU 100: Section Overview

TW W AP Section 505 SU 100: Low Severity L/T Cracking (May 7, 2007)

AP N Section 4205 SU 101: Medium Severity Weathering (May 7, 2007)

AP N Section 4210 SU 219: High Severity Shattered Slab (May 7, 2007)