

**STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
AVIATION OFFICE**

**Statewide Airfield Pavement Management Program
Space Coast Regional Airport
(General Aviation)
Titusville, Florida
(District 5)**

February 4, 2008



Prepared for:
**Florida Department of Transportation
Aviation Office**

by:
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Planning Technology, Inc. / ASC Geosciences, Inc.**



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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 Space Coast Regional 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 Space Coast Regional Airport is 3,304,490 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	1,513,700	46
Taxiway	1,224,190	37
Apron	566,600	17
Total	3,304,490	100

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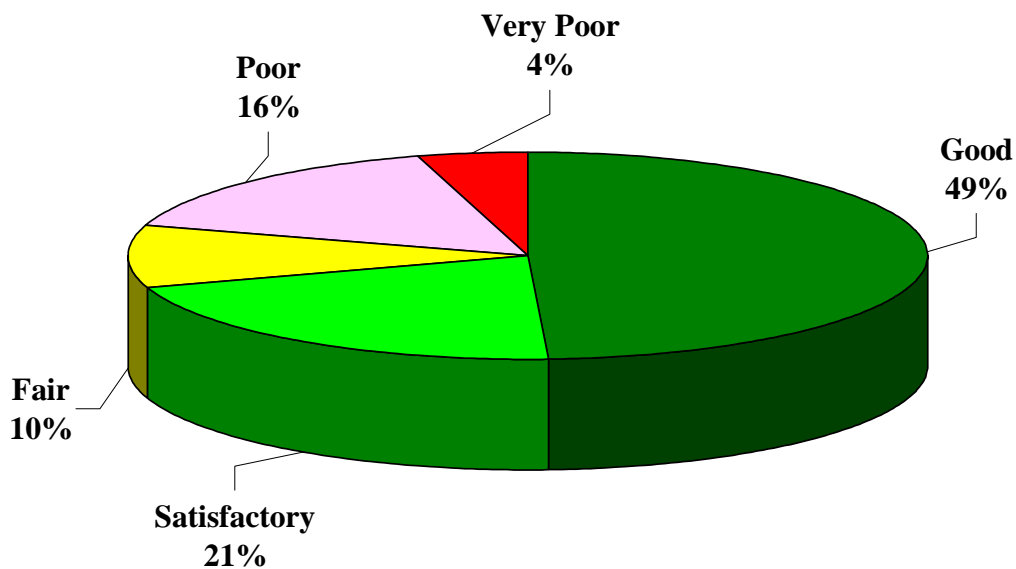
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The overall area-weighted Pavement Condition Index (PCI) of the areas in 2007 is 76, representing a Satisfactory overall network condition.

The figure below provides the PCI distribution by rating category for the network. Approximately 70% of the network is in Good and Satisfactory condition while 20% of the network is in Poor to Very Poor condition.

The condition summary by pavement use table illustrates the area-weighted PCI computed individually for each use. On average, the runways, taxiways, and aprons are in Good, Satisfactory, and Poor condition, respectively.

Network PCI Distribution by Rating Category



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Condition Summary by Pavement Use

Use	Area-Weighted PCI
Runway	88
Taxiway	73
Apron	52
All	76

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The immediate M&R needs include South Apron and Taxiways B, C, and F. Several large areas of South Apron and Taxiways B and F 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 S	4205	56,820	\$357,398	50	Major M&R < Critical	100
AP S	4215	376,400	\$2,367,556	45	Major M&R < Critical	100
AP S	4220	14,985	\$68,452	56	Major M&R < Critical	100
AP S	4225	9,325	\$29,346	61	Major M&R < Critical	100
AP S	4226	13,040	\$82,022	43	Major M&R < Critical	100
AP S	4227	13,200	\$34,333	63	Major M&R < Critical	100
AP S	4228	12,000	\$31,212	63	Major M&R < Critical	100
AP S	4230	8,680	\$22,577	63	Major M&R < Critical	100
TW B	210	236,550	\$1,148,451	55	Major M&R < Critical	100
TW B	220	5,000	\$21,405	57	Major M&R < Critical	100
TW C	315	30,850	\$167,485	53	Major M&R < Critical	100
TW F	605	28,493	\$179,221	44	Major M&R < Critical	100
TW F	610	58,200	\$579,381	35	Major M&R < Critical	100
TW F	615	16,800	\$105,672	40	Major M&R < Critical	100
TW F	620	88,791	\$948,998	34	Major M&R < Critical	100
		Total	\$6,143,508	76*	← Network Avg. PCI →	90*

* 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 Space Coast Regional 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	\$13,990	\$0	\$6,143,508	\$6,157,498
2009	\$180,190	\$0	\$0	\$180,190
2010	\$223,694	\$0	\$57,546	\$281,239
2011	\$267,361	\$0	\$254,305	\$521,666
2012	\$324,615	\$0	\$12,295	\$336,910
2013	\$397,068	\$0	\$0	\$397,068
2014	\$460,259	\$0	\$204,978	\$665,237
2015	\$451,667	\$0	\$1,047,675	\$1,499,342
2016	\$518,369	\$0	\$164,744	\$683,113
2017	\$403,422	\$0	\$2,206,132	\$2,609,553
Total	\$3,240,634	\$0	\$10,091,183	\$13,331,817

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 \$1.3 million would be expected to provide an improvement in the overall condition, where the area-weighted PCI would increase from 76 in 2007 to 83 in 2017. However, as stated above, a number of large projects exist that would need to be programmed over multiple years.

It is important to note that although preventative and some major M&R activities would have to be conducted over several years, the area-weighted PCI value for all Space Coast Regional Airport pavements in 2017 may remain near 83. The airport manager should realize that what is most important is that the pavement repair work (preventative and major M&R) that has been identified for Space Coast Regional 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.floridairportpavement.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.floridairportpavement.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.

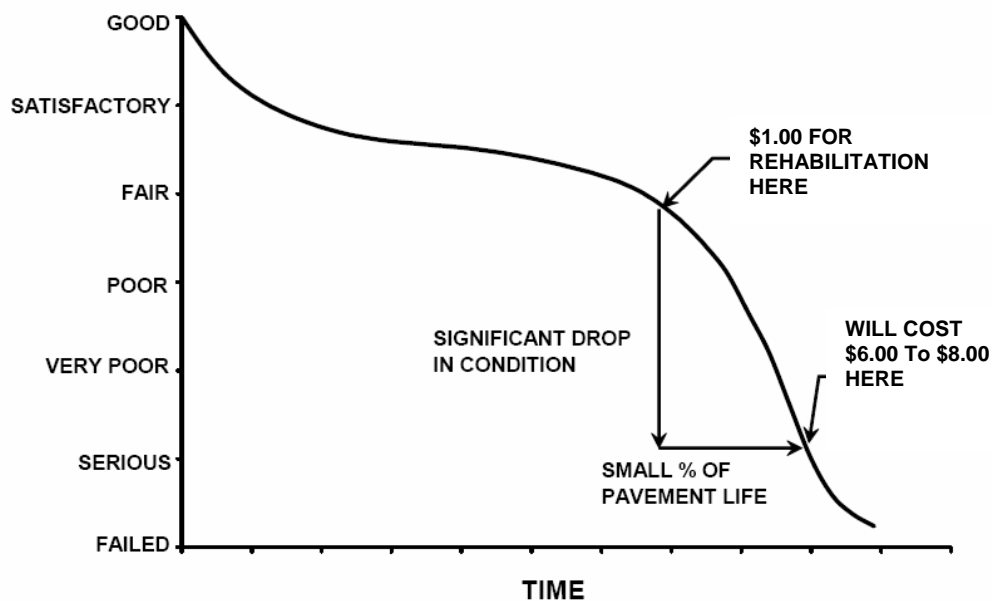
1.4.2 Pavement Management System Concept

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 nonrepresentative 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 $5,000 \pm 2,000$ 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

Space Coast Regional Airport (TIX) is located approximately 5 miles south of Titusville, Florida. Overseen by the Titusville-Cocoa Airport Authority, this airport is primarily a corporate/general aviation facility with extensive flight training operations. The airport facility includes two intersecting runways: Runway 9-27 and Runway 18-36. Runway 9-27 is served by full-length parallel taxiway. Space Coast Regional Airport is designated as a General Aviation (GA) airport and is located in District 5 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 Space Coast Regional 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: Space Coast Regional Airport Network Definition

Name	Section ID	Rank
SOUTH APRON	4205	P
	4209	P
	4210	P
	4215	P
	4220	P
	4225	P
	4226	P
	4227	P
	4228	P
	4230	P
	4240	P
	4241	P
RUNWAY 18-36	6105	P
	6110	P
	6112	P

Table 2-1: Space Coast Regional Airport Network Definition

Name	Section ID	Rank
RUNWAY 18-36	6115	P
	6120	P
	6125	P
	6130	P
	6135	P
	6140	P
	6145	P
RUNWAY 9-27	6202	S
	6205	S
	6206	S
	6210	S
	6215	S
	6217	S
TAXIWAY A	105	P
	110	P
	112	P
	115	P
	120	P
	125	P
TAXIWAY B	205	P
	210	P
	220	P
TAXIWAY C	305	P
	310	P
	315	P
TAXIWAY D	408	P
	410	P
	404	T
TAXIWAY E	505	P
	510	P
	515	P
	520	P
TAXIWAY F	610	P
	615	P
	605	T
	620	T

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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 Space Coast Regional Airport is 3,304,490 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

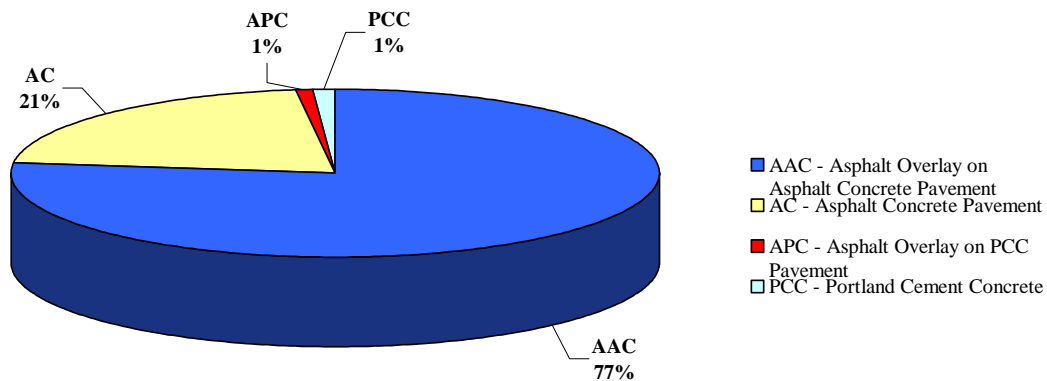
Use	Area, SqFt	% of Total Area
Runway	1,513,700	46
Taxiway	1,224,190	37
Apron	566,600	17
Total	3,304,490	100

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Figure 3-1 presents the breakdown of the pavement area at Space Coast Regional Airport by surface type.

Figure 3-1: Pavement Area by Surface Type



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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 Space Coast Regional Airport were performed in June 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.

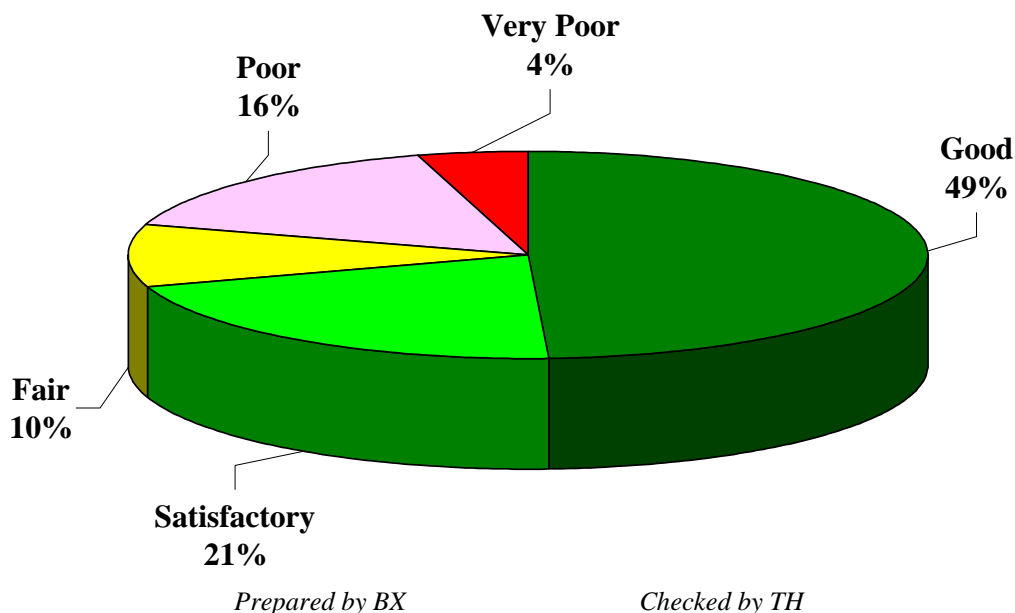
After the completion of data collection, the data were imported into MicroPAVER and PCI values were calculated for the pavement sections.

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 Space Coast Regional Airport is 76, 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



Approximately 70% of the network is in Good and Satisfactory condition while 20% of the network is in Poor to Very Poor 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	88
Taxiway	73
Apron	52
All	76

Prepared by BX

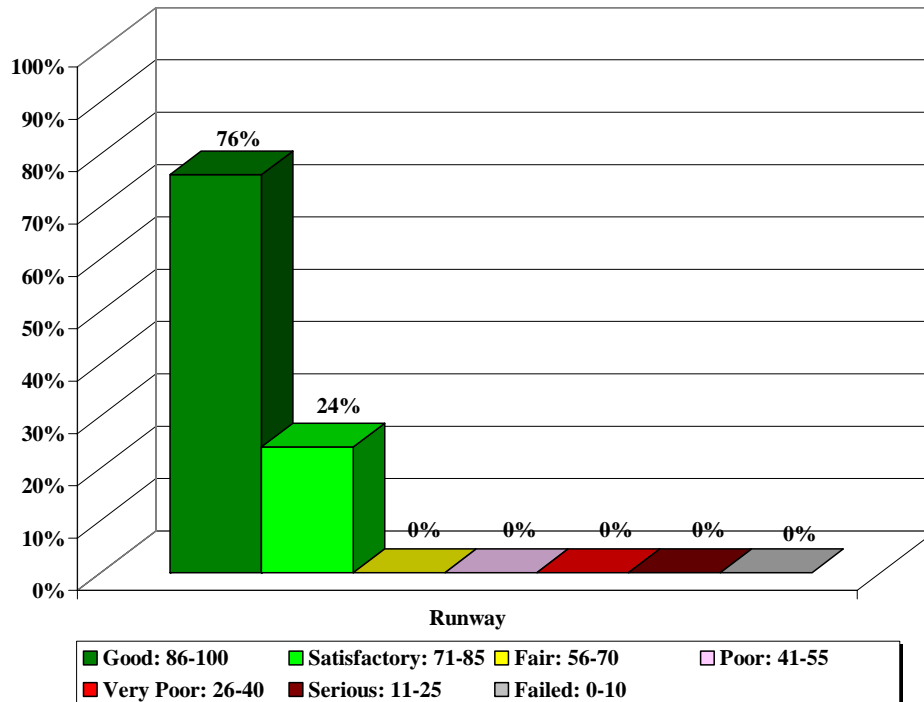
Checked by TH

On average, the runways, taxiways, and aprons are in Good, Satisfactory, and Poor condition, respectively.

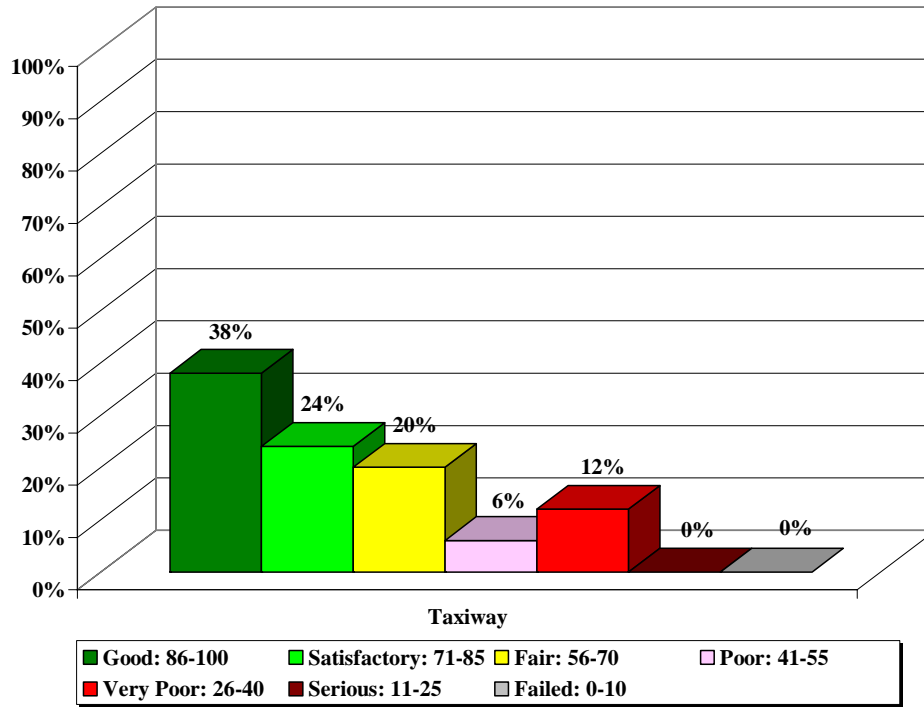
Figure 4-2 presents the breakdown of PCI by range for each pavement use.

Figure 4-2: Percentage of Pavement Area within Each PCI Range by Pavement Use

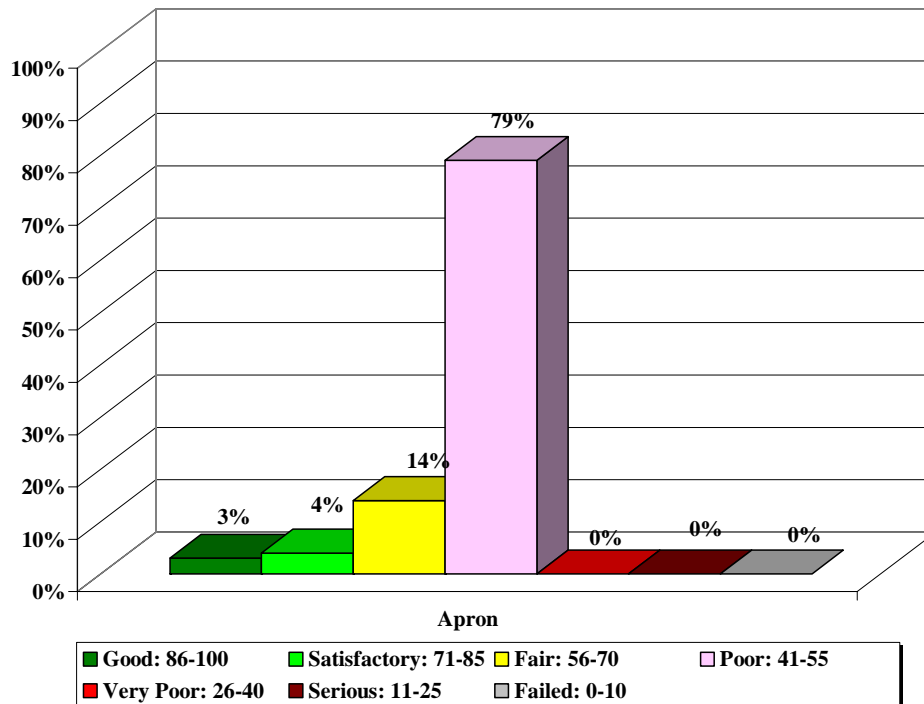
(a) Runway



(b) Taxiway



(c) Apron



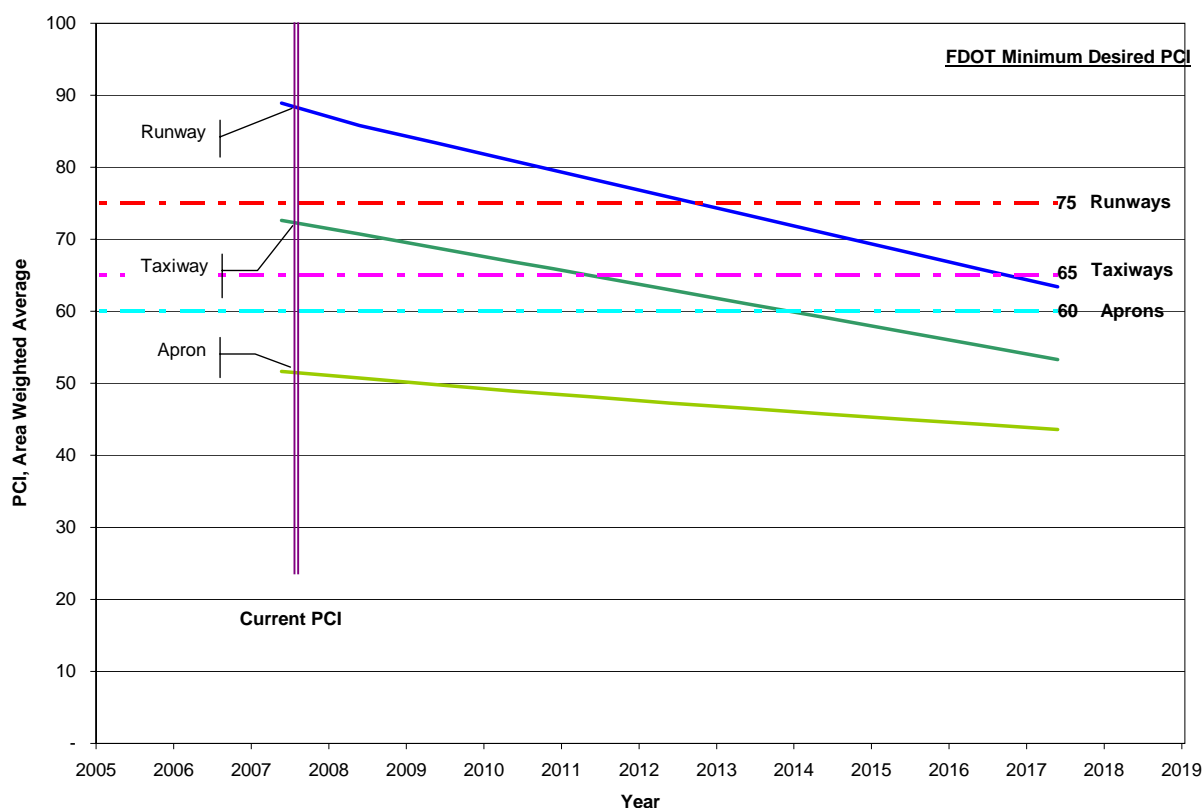
Prepared by BX

Checked by TH

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 Space Coast Regional 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 General Aviation (GA) airports.

Figure 5-1: Predicted PCI by Pavement Use



Prepared by BX

Checked by TH

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 General Aviation Airports.

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
	Corrugation	L, M, H	Patching - AC Deep	PA-AD	SqFt
	Depression	M, H	Patching - AC Deep	PA-AD	SqFt
	Jet Blast	N/A	Patching - AC Deep	PA-AD	SqFt
	Joint Ref. Crack	M, H	Crack Sealing – AC	CS-AC	Ft
	L & T Crack	M, H	Crack Sealing – AC	CS-AC	Ft
	Oil Spillage	N/A	Patching - AC Shallow	PA-AS	SqFt
	Patching	M, H	Patching - AC Deep	PA-AD	SqFt
	Polished Agg.	N/A	No Localized M&R	NONE	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

Prepared by BX

Checked by TH

Table 6-2: Critical PCI for General Aviation Airports

Use	Critical PCI
Runway	65
Taxiway	65
Apron	65

Prepared by BX

Checked by TH

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 General Aviation Airports.

Table 6-3: Desired Minimum PCI for General Aviation Airports

Minimum PCI		
Runway	Taxiway	Apron
75	65	60

Prepared by BX

Checked by TH

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 General Aviation Airports based on PCI value.

Table 6-4: M&R Activities for General Aviation Airports

	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

Prepared by BX

Checked by TH

6.2 Unit Costs

FDOT cost databases for airports and highway pavement maintenance and rehabilitation were reviewed in Phase I of Statewide Pavement Management 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
GR-LL	Grinding (Localized for AC)	\$6.00	SqFt
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

Prepared by BX

Checked by TH

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 General Aviation Airports

	Activity	PCI Trigger	Cost/SqFt
Maintenance	Crack Sealing and Full-Depth Patching	90	\$0.06
		80	\$0.24
Rehabilitation	Microsurfacing (AC) or Concrete Pavement Restoration (PCC)	70	\$0.69
		60	\$3.42
	Mill and Overlay (AC) or Concrete Pavement Restoration (PCC)	50	\$6.29
		40	\$6.29
	Reconstruction	30	\$13.62
		20	\$13.62

Prepared by BX

Checked by TH

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.

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 S	4205	56,820	\$357,398	50	Major M&R < Critical	100
AP S	4215	376,400	\$2,367,556	45	Major M&R < Critical	100
AP S	4220	14,985	\$68,452	56	Major M&R < Critical	100
AP S	4225	9,325	\$29,346	61	Major M&R < Critical	100
AP S	4226	13,040	\$82,022	43	Major M&R < Critical	100
AP S	4227	13,200	\$34,333	63	Major M&R < Critical	100
AP S	4228	12,000	\$31,212	63	Major M&R < Critical	100
AP S	4230	8,680	\$22,577	63	Major M&R < Critical	100
TW B	210	236,550	\$1,148,451	55	Major M&R < Critical	100
TW B	220	5,000	\$21,405	57	Major M&R < Critical	100
TW C	315	30,850	\$167,485	53	Major M&R < Critical	100
TW F	605	28,493	\$179,221	44	Major M&R < Critical	100
TW F	610	58,200	\$579,381	35	Major M&R < Critical	100
TW F	615	16,800	\$105,672	40	Major M&R < Critical	100
TW F	620	88,791	\$948,998	34	Major M&R < Critical	100
		Total	\$6,143,508	76*	← Network Avg. PCI →	90*

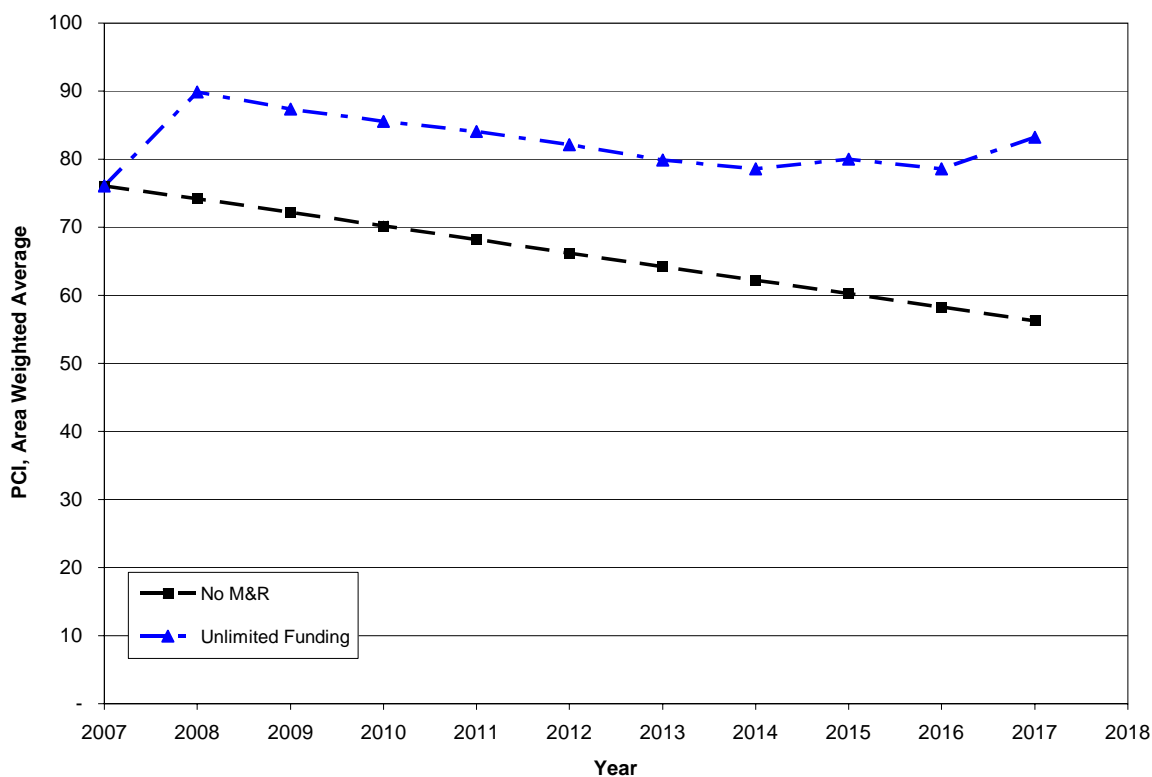
* This table shows the area-weighted PCI before and after Major M&R and routine maintenance work for the first year of the 10-year plan. It includes all pavement sections at Space Coast Regional Airport, including those sections not shown in this table.

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

Prepared by BX

Checked by TH

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 76 to 56 in ten years if no M&R activities are performed.
- The PCI will remain at or above 79 through the 10-year analysis period under the unlimited budget scenario. A 2017 PCI of 83 with this scenario is 27 PCI points higher than a “No M&R” scenario. The total cost for Major M&R over this 10-year period is about \$10 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	\$13,990	\$0	\$6,143,508	\$6,157,498
2009	\$180,190	\$0	\$0	\$180,190
2010	\$223,694	\$0	\$57,546	\$281,239
2011	\$267,361	\$0	\$254,305	\$521,666
2012	\$324,615	\$0	\$12,295	\$336,910
2013	\$397,068	\$0	\$0	\$397,068
2014	\$460,259	\$0	\$204,978	\$665,237
2015	\$451,667	\$0	\$1,047,675	\$1,499,342
2016	\$518,369	\$0	\$164,744	\$683,113
2017	\$403,422	\$0	\$2,206,132	\$2,609,553
Total	\$3,240,634	\$0	\$10,091,183	\$13,331,817

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

Prepared by BX

Checked by TH

Approximately 61% of the total Major M&R cost is required in the first year (2008). This is a consequence of several very large areas of the aprons and taxiways (South Apron and Taxiways B and F) being below Critical PCI.

Runway 9-27 and Runway 18-36 are currently in Good condition with an average PCI value of 86 and 90, respectively. Both runways have no immediate need for repair. However, several large areas of South Apron and Taxiways B and F 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.

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

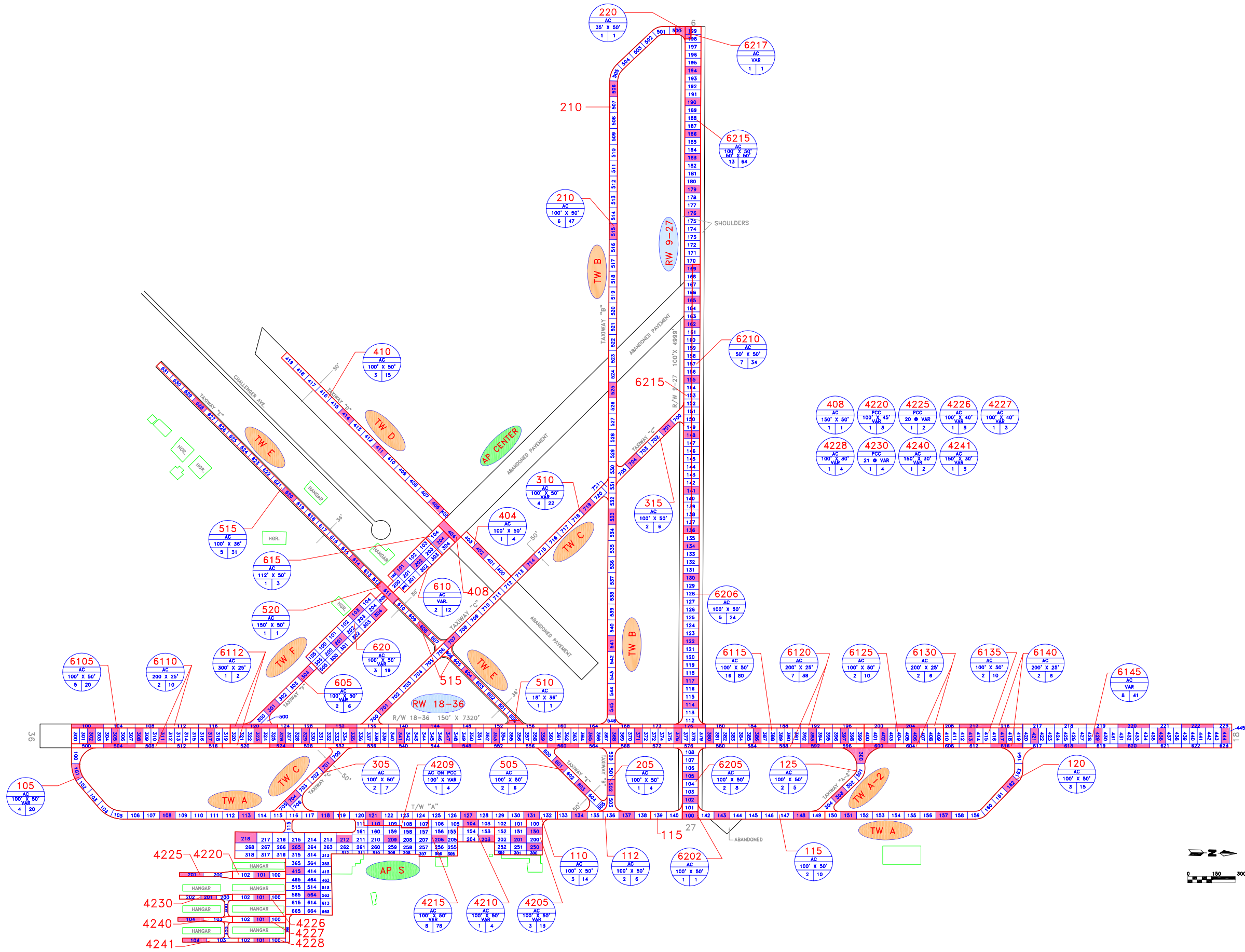
Pavement condition inspections were performed at Space Coast Regional Airport and a 10-year M&R plan was developed based on the unlimited funding scenario.

The following recommendations were made based on 2007 condition inspections and M&R analysis results:

- Runway 9-27 and Runway 18-36 are currently in Good condition and no immediate repair is needed.
- Several large areas of the aprons and taxiways (South Apron and Taxiways B and F) were identified that will require significant funding to improve them above Minimum PCI levels. Further evaluation of these features is necessary in order to develop repair plans and timing for future budgets. These needs can not be addressed with typical annual expenditures as they amount to over half million dollars.

APPENDIX A

**NETWORK DEFINITION MAP
AND
PAVEMENT INVENTORY TABLE**



LEGEND

- (RW 13-31) TYPICAL RUNWAY BRANCH ID
- (TW A) TYPICAL TAXIWAY BRANCH ID
- (AP S) TYPICAL APRON BRANCH ID
- 4105 SECTION NUMBER
- AC PAVEMENT TYPE
- 100' X 50' TYPICAL SAMPLE UNIT INFORMATION
- 5 14 FLEXIBLE (AC) PAVEMENT LENGTH & WIDTH
- 5 14 RIGID (PCC) PAVEMENT NO. OF SLABS AND SLAB SIZE
- NUMBER OF SAMPLE UNITS IN SECTION
- NUMBER OF SAMPLE UNITS TO BE INSPECTED
- 100 DESIGNATED SAMPLE UNITS. GPS COORDINATES ARE AT THE CENTROID OF THE SAMPLE UNIT.
- 100+ DOT ON AN 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-31	Draft Report
0	Feb-06	Initial Submittal
DESIGNED: JCB	DRAWN: RWF	CHECKED: DATE: 3-2-2006



NETWORK DEFINITION DRAWING
SPACE COAST REGIONAL AIRPORT
TITUSVILLE, BREVARD, FLORIDA
FLORIDA DEPARTMENT OF TRANSPORTATION - AVIATION OFFICE

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
SPACE COAST REGIONAL	TIX	SOUTH APRON	AP S	4205	300	175	56,820	P	AC	1/1/1968	6/25/2007
SPACE COAST REGIONAL	TIX	SOUTH APRON	AP S	4209	400	45	18,000	P	APC	1/1/1992	6/25/2007
SPACE COAST REGIONAL	TIX	SOUTH APRON	AP S	4210	100	233	23,300	P	AC	1/1/1967	6/25/2007
SPACE COAST REGIONAL	TIX	SOUTH APRON	AP S	4215	1,400	200	376,400	P	AC	1/1/1971	6/25/2007
SPACE COAST REGIONAL	TIX	SOUTH APRON	AP S	4220	330	45	14,985	P	AC	1/1/1980	6/25/2007
SPACE COAST REGIONAL	TIX	SOUTH APRON	AP S	4225	300	20	9,325	P	PCC	1/1/1991	6/25/2007
SPACE COAST REGIONAL	TIX	SOUTH APRON	AP S	4226	326	40	13,040	P	AC	1/1/1985	6/25/2007
SPACE COAST REGIONAL	TIX	SOUTH APRON	AP S	4227	330	40	13,200	P	AC	1/1/1992	6/25/2007
SPACE COAST REGIONAL	TIX	SOUTH APRON	AP S	4228	400	30	12,000	P	AC	1/1/1992	6/25/2007
SPACE COAST REGIONAL	TIX	SOUTH APRON	AP S	4230	330	21	8,680	P	PCC	1/1/1991	6/25/2007
SPACE COAST REGIONAL	TIX	SOUTH APRON	AP S	4240	300	30	9,600	P	AC	1/1/1987	6/25/2007
SPACE COAST REGIONAL	TIX	SOUTH APRON	AP S	4241	450	25	11,250	P	AC	1/1/1987	6/25/2007
SPACE COAST REGIONAL	TIX	RUNWAY 18-36	RW 18-36	6105	1,000	100	100,000	P	AAC	1/1/2004	6/25/2007
SPACE COAST REGIONAL	TIX	RUNWAY 18-36	RW 18-36	6110	1,950	25	48,750	P	AAC	1/1/2004	6/25/2007
SPACE COAST REGIONAL	TIX	RUNWAY 18-36	RW 18-36	6112	600	25	15,000	P	AAC	1/1/2004	6/25/2007

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
SPACE COAST REGIONAL	TIX	RUNWAY 18-36	RW 18-36	6115	4,000	100	400,000	P	AAC	1/1/2004	6/25/2007
SPACE COAST REGIONAL	TIX	RUNWAY 18-36	RW 18-36	6120	7,450	25	186,250	P	AAC	1/1/2004	6/25/2007
SPACE COAST REGIONAL	TIX	RUNWAY 18-36	RW 18-36	6125	500	100	50,000	P	AAC	1/1/2004	6/25/2007
SPACE COAST REGIONAL	TIX	RUNWAY 18-36	RW 18-36	6130	1,000	25	25,000	P	AAC	1/1/2004	6/25/2007
SPACE COAST REGIONAL	TIX	RUNWAY 18-36	RW 18-36	6135	500	100	51,000	P	AAC	1/1/2004	6/25/2007
SPACE COAST REGIONAL	TIX	RUNWAY 18-36	RW 18-36	6140	1,000	25	25,500	P	AAC	1/1/2004	6/25/2007
SPACE COAST REGIONAL	TIX	RUNWAY 18-36	RW 18-36	6145	1,320	100	132,000	P	AAC	1/1/2004	6/25/2007
SPACE COAST REGIONAL	TIX	RUNWAY 9-27	RW 9-27	6202	50	100	5,000	S	AAC	1/1/1998	6/25/2007
SPACE COAST REGIONAL	TIX	RUNWAY 9-27	RW 9-27	6205	400	100	41,000	S	AAC	1/1/1998	6/25/2007
SPACE COAST REGIONAL	TIX	RUNWAY 9-27	RW 9-27	6206	1,250	100	125,000	S	AAC	1/1/1998	6/25/2007
SPACE COAST REGIONAL	TIX	RUNWAY 9-27	RW 9-27	6210	1,700	50	85,000	S	AAC	1/1/1998	6/26/2007
SPACE COAST REGIONAL	TIX	RUNWAY 9-27	RW 9-27	6215	1,300	100	220,000	S	AAC	1/1/1998	6/26/2007
SPACE COAST REGIONAL	TIX	RUNWAY 9-27	RW 9-27	6217	42	100	4,200	S	AAC	1/1/1998	6/26/2007
SPACE COAST REGIONAL	TIX	TAXIWAY A	TW A	105	1,900	50	103,250	P	AAC	1/1/1998	6/25/2007
SPACE COAST REGIONAL	TIX	TAXIWAY A	TW A	110	1,300	50	66,000	P	AAC	1/1/1998	6/25/2007

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
SPACE COAST REGIONAL	TIX	TAXIWAY A	TW A	112	600	50	29,000	P	AAC	1/1/1998	6/25/2007
SPACE COAST REGIONAL	TIX	TAXIWAY A	TW A	115	1,000	50	50,000	P	AAC	1/1/1998	6/25/2007
SPACE COAST REGIONAL	TIX	TAXIWAY A	TW A	120	1,500	50	77,120	P	AAC	1/1/1998	6/25/2007
SPACE COAST REGIONAL	TIX	TAXIWAY A	TW A	125	450	50	22,770	P	AAC	1/1/1998	6/25/2007
SPACE COAST REGIONAL	TIX	TAXIWAY B	TW B	205	400	50	21,400	P	AAC	1/1/1998	6/25/2007
SPACE COAST REGIONAL	TIX	TAXIWAY B	TW B	210	4,605	50	236,550	P	AAC	1/1/1976	6/25/2007
SPACE COAST REGIONAL	TIX	TAXIWAY B	TW B	220	60	50	5,000	P	AAC	1/1/1998	6/26/2007
SPACE COAST REGIONAL	TIX	TAXIWAY C	TW C	305	550	50	33,550	P	AAC	1/1/2004	6/25/2007
SPACE COAST REGIONAL	TIX	TAXIWAY C	TW C	310	2,100	50	108,400	P	AAC	1/1/1986	6/25/2007
SPACE COAST REGIONAL	TIX	TAXIWAY C	TW C	315	600	50	30,850	P	AAC	1/1/1976	6/25/2007
SPACE COAST REGIONAL	TIX	TAXIWAY D	TW D	404	400	50	20,000	T	AAC	1/1/2004	6/25/2007
SPACE COAST REGIONAL	TIX	TAXIWAY D	TW D	408	150	50	7,500	P	AAC	1/1/2004	6/25/2007
SPACE COAST REGIONAL	TIX	TAXIWAY D	TW D	410	1,452	50	72,600	P	AAC	1/1/2004	6/25/2007
SPACE COAST REGIONAL	TIX	TAXIWAY E	TW E	505	550	50	29,300	P	AAC	1/1/1998	6/25/2007
SPACE COAST REGIONAL	TIX	TAXIWAY E	TW E	510	60	24	1,896	P	AAC	1/1/1998	6/25/2007

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
SPACE COAST REGIONAL	TIX	TAXIWAY E	TW E	515	3,000	36	109,220	P	AAC	1/1/1998	6/25/2007
SPACE COAST REGIONAL	TIX	TAXIWAY E	TW E	520	150	50	7,500	P	AAC	1/1/1998	6/25/2007
SPACE COAST REGIONAL	TIX	TAXIWAY F	TW F	605	520	50	28,493	T	AAC	1/1/1998	6/25/2007
SPACE COAST REGIONAL	TIX	TAXIWAY F	TW F	610	388	150	58,200	P	AC	1/1/1943	6/25/2007
SPACE COAST REGIONAL	TIX	TAXIWAY F	TW F	615	112	150	16,800	P	AC	1/1/1943	6/25/2007
SPACE COAST REGIONAL	TIX	TAXIWAY F	TW F	620	570	150	88,791	T	AC	1/1/1943	6/25/2007

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

APPENDIX B

PCI RE-INSPECTION REPORT

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: AP S Name: SOUTH APRON Use: APRON Area: 566,600.00 SqFt

Section: 4205 of 12 From: - To: - Last Const.: 1/1/1968

Surface: AC Family: FDOT-GA-AP-AC Zone: Category: Rank: P

Area: 56,820.00 SqFt Length: 300.00 Ft Width: 175.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 14 Surveyed: 3

Date:

Conditions: PCI:51.00 |

Inspection Comments:

Sample Number: 150 Type: R Area: 5,000.00 SqFt PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 201 Type: R Area: 5,000.00 SqFt PCI = 26

Sample Comments:

43 M 43 H 52 L

Sample Number: 250 Type: R Area: 5,000.00 SqFt PCI = 26

Sample Comments:

48 M 43 M 43 H 43 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: AP S Name: SOUTH APRON Use: APRON Area: 566,600.00 SqFt

Section: 4209 of 12 From: - To: - Last Const.: 1/1/1992

Surface: APC Family: FDOT-GA-AP-AAC Zone: Category: Rank: P

Area: 18,000.00 SqFt Length: 400.00 Ft Width: 45.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 2 Surveyed: 1

Date:

Conditions: PCI:89.00 |

Inspection Comments:

Sample Number: 110 Type: R Area: 4,000.00 SqFt PCI = 89

Sample Comments:

47 L 48 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: AP S Name: SOUTH APRON Use: APRON Area: 566,600.00 SqFt

Section: 4210 of 12 From: - To: - Last Const.: 1/1/1967

Surface: AC Family: FDOT-GA-AP-AC Zone: Category: Rank: P

Area: 23,300.00 SqFt Length: 100.00 Ft Width: 233.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 6 Surveyed: 1

Date:

Conditions: PCI:69.00 |

Inspection Comments:

Sample Number: 203 Type: R Area: 5,000.00 SqFt PCI = 69

Sample Comments:

52 L 50 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: AP S Name: SOUTH APRON Use: APRON Area: 566,600.00 SqFt

Section: 4215 of 12 From: - To: - Last Const.: 1/1/1971

Surface: AC Family: FDOT-GA-AP-AC Zone: Category: Rank: P

Area: 376,400.00 SqFt Length: 1,400.00 Ft Width: 200.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 89 Surveyed: 8

Date:

Conditions: PCI:46.00 |

Inspection Comments:

Sample Number: 104 Type: R Area: 5,000.00 SqFt PCI = 75

Sample Comments:

48 M 48 L 52 L

Sample Number: 206 Type: R Area: 5,000.00 SqFt PCI = 47

Sample Comments:

43 M

Sample Number: 209 Type: R Area: 5,000.00 SqFt PCI = 42

Sample Comments:

52 L 43 M

Sample Number: 212 Type: R Area: 5,000.00 SqFt PCI = 42

Sample Comments:

52 L 43 M

Sample Number: 218 Type: R Area: 8,340.00 SqFt PCI = 35

Sample Comments:

52 M 52 H 43 M 50 L

Sample Number: 265 Type: R Area: 5,000.00 SqFt PCI = 46

Sample Comments:

43 M 52 M

Sample Number: 415 Type: R Area: 6,000.00 SqFt PCI = 53

Sample Comments:

52 M 52 L

Sample Number: 564 Type: R Area: 5,000.00 SqFt PCI = 37

Sample Comments:

52 H 52 M 52 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: AP S Name: SOUTH APRON Use: APRON Area: 566,600.00 SqFt

Section: 4220 of 12 From: - To: - Last Const.: 1/1/1980

Surface: AC Family: FDOT-GA-AP-AC Zone: Category: Rank: P

Area: 14,985.00 SqFt Length: 330.00 Ft Width: 45.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 4 Surveyed: 1

Date:

Conditions: PCI:57.00 |

Inspection Comments:

Sample Number: 101 Type: R Area: 4,500.00 SqFt PCI = 57

Sample Comments:

43 L 52 L 50 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: AP S Name: SOUTH APRON Use: APRON Area: 566,600.00 SqFt

Section: 4225 of 12 From: - To: - Last Const.: 1/1/1991

Surface: PCC Family: FDOT-GA-PCC Zone: Category: Rank: P

Area: 9,325.00 SqFt Length: 300.00 Ft Width: 20.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 3 Surveyed: 1

Date:

Conditions: PCI:62.00 |

Inspection Comments:

Sample Number: 201 Type: R Area: 20.00 Count PCI = 62

Sample Comments:

74 L 63 L 70 L 73 L 65 H

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: AP S Name: SOUTH APRON Use: APRON Area: 566,600.00 SqFt

Section: 4226 of 12 From: - To: - Last Const.: 1/1/1985

Surface: AC Family: FDOT-GA-AP-AC Zone: Category: Rank: P

Area: 13,040.00 SqFt Length: 326.00 Ft Width: 40.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 3 Surveyed: 1

Date:

Conditions: PCI:44.00 |

Inspection Comments:

Sample Number: 101 Type: R Area: 4,000.00 SqFt PCI = 44

Sample Comments:

43 M 43 L 50 L 53 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: AP S Name: SOUTH APRON Use: APRON Area: 566,600.00 SqFt

Section: 4227 of 12 From: - To: - Last Const.: 1/1/1992

Surface: AC Family: FDOT-GA-AP-AC Zone: Category: Rank: P

Area: 13,200.00 SqFt Length: 330.00 Ft Width: 40.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 3 Surveyed: 1

Date:

Conditions: PCI:64.00 |

Inspection Comments:

Sample Number: 101 Type: R Area: 4,000.00 SqFt PCI = 64

Sample Comments:

48 L 52 L 48 M

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: AP S Name: SOUTH APRON Use: APRON Area: 566,600.00 SqFt

Section: 4228 of 12 From: - To: - Last Const.: 1/1/1992

Surface: AC Family: FDOT-GA-AP-AC Zone: Category: Rank: P

Area: 12,000.00 SqFt Length: 400.00 Ft Width: 30.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 2 Surveyed: 1

Date:

Conditions: PCI:64.00 |

Inspection Comments:

Sample Number: 101 Type: R Area: 3,000.00 SqFt PCI = 64

Sample Comments:

43 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: AP S Name: SOUTH APRON Use: APRON Area: 566,600.00 SqFt

Section: 4230 of 12 From: - To: - Last Const.: 1/1/1991

Surface: PCC Family: FDOT-GA-PCC Zone: Category: Rank: P

Area: 8,680.00 SqFt Length: 330.00 Ft Width: 21.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 6 Surveyed: 1

Date:

Conditions: PCI:64.00 |

Inspection Comments:

Sample Number: 201 Type: R Area: 21.00 Count PCI = 64

Sample Comments:

73 L 70 L 63 L 74 M 65 H

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: AP S Name: SOUTH APRON Use: APRON Area: 566,600.00 SqFt

Section: 4240 of 12 From: - To: - Last Const.: 1/1/1987

Surface: AC Family: FDOT-GA-AP-AC Zone: Category: Rank: P

Area: 9,600.00 SqFt Length: 300.00 Ft Width: 30.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 2 Surveyed: 1

Date:

Conditions: PCI:78.00 |

Inspection Comments:

Sample Number: 104 Type: R Area: 3,200.00 SqFt PCI = 78

Sample Comments:

52 L 48 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: AP S Name: SOUTH APRON Use: APRON Area: 566,600.00 SqFt

Section: 4241 of 12 From: - To: - Last Const.: 1/1/1987

Surface: AC Family: FDOT-GA-AP-AC Zone: Category: Rank: P

Area: 11,250.00 SqFt Length: 450.00 Ft Width: 25.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 2 Surveyed: 1

Date:

Conditions: PCI:82.00 |

Inspection Comments:

Sample Number: 104 Type: R Area: 3,000.00 SqFt PCI = 82

Sample Comments:

48 L 52 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: RW 18-36 Name: RUNWAY 18-36 Use: RUNWAY Area: 1,033,500.00 SqFt

Section: 6105 of 10 From: - To: - Last Const.: 1/1/2004

Surface: AAC Family: FDOT-GA-RW-AAC Zone: Category: Rank: P

Area: 100,000.00 SqFt Length: 1,000.00 Ft Width: 100.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 25 Surveyed: 5

Date:

Conditions: PCI:92.00 |

Inspection Comments:

Sample Number: 302 Type: R Area: 5,000.00 SqFt PCI = 90

Sample Comments:

48 L 52 L

Sample Number: 305 Type: R Area: 5,000.00 SqFt PCI = 94

Sample Comments:

48 L

Sample Number: 308 Type: R Area: 5,000.00 SqFt PCI = 94

Sample Comments:

48 L

Sample Number: 311 Type: R Area: 5,000.00 SqFt PCI = 94

Sample Comments:

48 L

Sample Number: 317 Type: R Area: 5,000.00 SqFt PCI = 90

Sample Comments:

48 L 52 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: RW 18-36 Name: RUNWAY 18-36 Use: RUNWAY Area: 1,033,500.00 SqFt

Section: 6110 of 10 From: - To: - Last Const.: 1/1/2004

Surface: AAC Family: FDOT-GA-RW-AAC Zone: Category: Rank: P

Area: 48,750.00 SqFt Length: 1,950.00 Ft Width: 25.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 12 Surveyed: 2

Date:

Conditions: PCI:95.00 |

Inspection Comments:

Sample Number: 100 Type: R Area: 5,000.00 SqFt PCI = 97

Sample Comments:

48 L

Sample Number: 504 Type: R Area: 5,000.00 SqFt PCI = 94

Sample Comments:

48 L 50 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: RW 18-36 Name: RUNWAY 18-36 Use: RUNWAY Area: 1,033,500.00 SqFt

Section: 6112 of 10 From: - To: - Last Const.: 1/1/2004

Surface: AAC Family: FDOT-GA-RW-AAC Zone: Category: Rank: P

Area: 15,000.00 SqFt Length: 600.00 Ft Width: 25.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 4 Surveyed: 1

Date:

Conditions: PCI:96.00 |

Inspection Comments:

Sample Number: 120 Type: R Area: 7,500.00 SqFt PCI = 96

Sample Comments:

48 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: RW 18-36 Name: RUNWAY 18-36 Use: RUNWAY Area: 1,033,500.00 SqFt

Section: 6115 of 10 From: - To: - Last Const.: 1/1/2004

Surface: AAC Family: FDOT-GA-RW-AAC Zone: Category: Rank: P

Area: 400,000.00 SqFt Length: 4,000.00 Ft Width: 100.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 100 Surveyed: 16

Date:

Conditions: PCI:87.00 |

Inspection Comments:

Sample Number: 323 Type: R Area: 5,000.00 SqFt PCI = 89

Sample Comments:

48 L 52 L

Sample Number: 326 Type: R Area: 5,000.00 SqFt PCI = 95

Sample Comments:

48 L

Sample Number: 329 Type: R Area: 5,000.00 SqFt PCI = 95

Sample Comments:

48 L

Sample Number: 335 Type: R Area: 5,000.00 SqFt PCI = 85

Sample Comments:

52 H 48 L 52 L

Sample Number: 341 Type: R Area: 5,000.00 SqFt PCI = 90

Sample Comments:

48 L 52 L

Sample Number: 347 Type: R Area: 5,000.00 SqFt PCI = 90

Sample Comments:

52 L 48 L

Sample Number: 353 Type: R Area: 5,000.00 SqFt PCI = 91

Sample Comments:

52 L 48 L

Sample Number: 359 Type: R Area: 5,000.00 SqFt PCI = 91

Sample Comments:

52 L 48 L

Sample Number: 365 Type: R Area: 5,000.00 SqFt PCI = 83

Sample Comments:

48 L 52 L

Sample Number: 368 Type: R Area: 5,000.00 SqFt PCI = 89

Sample Comments:

48 L 52 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Sample Number:	371	Type:	R	Area:	5,000.00	SqFt	PCI = 91
Sample Comments:	48 L						

Sample Number:	376	Type:	R	Area:	5,000.00	SqFt	PCI = 82
Sample Comments:	48 L 52 L						

Sample Number:	380	Type:	R	Area:	5,000.00	SqFt	PCI = 86
Sample Comments:	48 L 52 L						

Sample Number:	386	Type:	R	Area:	5,000.00	SqFt	PCI = 81
Sample Comments:	48 L 52 L						

Sample Number:	393	Type:	R	Area:	5,000.00	SqFt	PCI = 73
Sample Comments:	52 L 42 L						

Sample Number:	397	Type:	R	Area:	5,000.00	SqFt	PCI = 83
Sample Comments:	52 H 48 L 52 L						

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: RW 18-36 Name: RUNWAY 18-36 Use: RUNWAY Area: 1,033,500.00 SqFt

Section: 6120 of 10 From: - To: - Last Const.: 1/1/2004

Surface: AAC Family: FDOT-GA-RW-AAC Zone: Category: Rank: P

Area: 186,250.00 SqFt Length: 7,450.00 Ft Width: 25.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 50 Surveyed: 7

Date:

Conditions: PCI:92.00 |

Inspection Comments:

Sample Number: 132 Type: R Area: 5,000.00 SqFt PCI = 83

Sample Comments:

48 L

Sample Number: 144 Type: R Area: 5,000.00 SqFt PCI = 96

Sample Comments:

52 L

Sample Number: 176 Type: R Area: 5,000.00 SqFt PCI = 90

Sample Comments:

48 L 52 L

Sample Number: 524 Type: R Area: 3,750.00 SqFt PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 548 Type: R Area: 5,000.00 SqFt PCI = 94

Sample Comments:

48 L

Sample Number: 560 Type: R Area: 5,000.00 SqFt PCI = 86

Sample Comments:

52 M 52 L 48 L

Sample Number: 592 Type: R Area: 5,000.00 SqFt PCI = 94

Sample Comments:

50 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: RW 18-36 Name: RUNWAY 18-36 Use: RUNWAY Area: 1,033,500.00 SqFt

Section: 6125 of 10 From: - To: - Last Const.: 1/1/2004

Surface: AAC Family: FDOT-GA-RW-AAC Zone: Category: Rank: P

Area: 50,000.00 SqFt Length: 500.00 Ft Width: 100.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 12 Surveyed: 2

Date:

Conditions: PCI:85.00 |

Inspection Comments:

Sample Number: 402 Type: R Area: 5,000.00 SqFt PCI = 89

Sample Comments:

48 L

Sample Number: 406 Type: R Area: 5,000.00 SqFt PCI = 81

Sample Comments:

52 L 48 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: RW 18-36 Name: RUNWAY 18-36 Use: RUNWAY Area: 1,033,500.00 SqFt

Section: 6130 of 10 From: - To: - Last Const.: 1/1/2004

Surface: AAC Family: FDOT-GA-RW-AAC Zone: Category: Rank: P

Area: 25,000.00 SqFt Length: 1,000.00 Ft Width: 25.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 6 Surveyed: 2

Date:

Conditions: PCI:98.00 |

Inspection Comments:

Sample Number: 204 Type: R Area: 5,000.00 SqFt PCI = 96

Sample Comments:

48 L

Sample Number: 600 Type: R Area: 5,000.00 SqFt PCI = 100

Sample Comments:

<NO DISTRESSES>

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: RW 18-36 Name: RUNWAY 18-36 Use: RUNWAY Area: 1,033,500.00 SqFt

Section: 6135 of 10 From: - To: - Last Const.: 1/1/2004

Surface: AAC Family: FDOT-GA-RW-AAC Zone: Category: Rank: P

Area: 51,000.00 SqFt Length: 500.00 Ft Width: 100.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 13 Surveyed: 2

Date:

Conditions: PCI:88.00 |

Inspection Comments:

Sample Number: 413 Type: R Area: 5,000.00 SqFt PCI = 86

Sample Comments:

48 L 52 L

Sample Number: 417 Type: R Area: 5,000.00 SqFt PCI = 91

Sample Comments:

48 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: RW 18-36 Name: RUNWAY 18-36 Use: RUNWAY Area: 1,033,500.00 SqFt

Section: 6140 of 10 From: - To: - Last Const.: 1/1/2004

Surface: AAC Family: FDOT-GA-RW-AAC Zone: Category: Rank: P

Area: 25,500.00 SqFt Length: 1,000.00 Ft Width: 25.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 6 Surveyed: 2

Date:

Conditions: PCI:96.00 |

Inspection Comments:

Sample Number: 212 Type: R Area: 5,000.00 SqFt PCI = 95

Sample Comments:

48 L

Sample Number: 616 Type: R Area: 5,000.00 SqFt PCI = 97

Sample Comments:

48 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: RW 18-36 Name: RUNWAY 18-36 Use: RUNWAY Area: 1,033,500.00 SqFt

Section: 6145 of 10 From: To: Last Const.: 1/1/2004

Surface: AAC Family: FDOT-GA-RW-AAC Zone: Category: Rank: P

Area: 132,000.00 SqFt Length: 1,320.00 Ft Width: 100.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 3 Surveyed: 8

Date:

Conditions: PCI:94.00 |

Inspection Comments:

Sample Number: 220 Type: R Area: 5,000.00 SqFt PCI = 91

Sample Comments:

52 L 48 L 50 L

Sample Number: 222 Type: R Area: 5,000.00 SqFt PCI = 93

Sample Comments:

48 L 52 L

Sample Number: 421 Type: R Area: 5,000.00 SqFt PCI = 92

Sample Comments:

48 L 52 L

Sample Number: 429 Type: R Area: 2,500.00 SqFt PCI = 86

Sample Comments:

48 L 52 L

Sample Number: 436 Type: R Area: 5,000.00 SqFt PCI = 93

Sample Comments:

52 L

Sample Number: 444 Type: R Area: 5,000.00 SqFt PCI = 94

Sample Comments:

48 L 52 L

Sample Number: 618 Type: R Area: 5,000.00 SqFt PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 620 Type: R Area: 5,000.00 SqFt PCI = 96

Sample Comments:

48 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: RW 9-27 Name: RUNWAY 9-27 Use: RUNWAY Area: 480,200.00 SqFt

Section: 6202 of 6 From: - To: - Last Const.: 1/1/1998

Surface: AAC Family: FDOT-GA-RW-AAC Zone: Category: Rank: s

Area: 5,000.00 SqFt Length: 50.00 Ft Width: 100.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 1 Surveyed: 1

Date:

Conditions: PCI:74.00 |

Inspection Comments:

Sample Number: 100 Type: R Area: 5,000.00 SqFt PCI = 74

Sample Comments:

45 L 48 L 52 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: RW 9-27 Name: RUNWAY 9-27 Use: RUNWAY Area: 480,200.00 SqFt

Section: 6205 of 6 From: - To: - Last Const.: 1/1/1998

Surface: AAC Family: FDOT-GA-RW-AAC Zone: Category: Rank: s

Area: 41,000.00 SqFt Length: 400.00 Ft Width: 100.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 10 Surveyed: 2

Date:

Conditions: PCI:89.00 |

Inspection Comments:

Sample Number: 102 Type: R Area: 5,000.00 SqFt PCI = 89

Sample Comments:

48 L 50 L

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

Sample Comments:

48 L 50 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: RW 9-27 Name: RUNWAY 9-27 Use: RUNWAY Area: 480,200.00 SqFt

Section: 6206 of 6 From: - To: - Last Const.: 1/1/1998

Surface: AAC Family: FDOT-GA-RW-AAC Zone: Category: Rank: s

Area: 125,000.00 SqFt Length: 1,250.00 Ft Width: 100.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 30 Surveyed: 5

Date:

Conditions: PCI:93.00 |

Inspection Comments:

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

Sample Comments:

48 L

Sample Number: 117 Type: R Area: 5,000.00 SqFt PCI = 87

Sample Comments:

48 L 50 L 52 L 56 L

Sample Number: 122 Type: R Area: 5,000.00 SqFt PCI = 95

Sample Comments:

48 L 50 L

Sample Number: 130 Type: R Area: 5,000.00 SqFt PCI = 91

Sample Comments:

52 L 56 L 48 L

Sample Number: 134 Type: R Area: 5,000.00 SqFt PCI = 95

Sample Comments:

48 L 52 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: RW 9-27 Name: RUNWAY 9-27 Use: RUNWAY Area: 480,200.00 SqFt

Section: 6210 of 6 From: - To: - Last Const.: 1/1/1998

Surface: AAC Family: FDOT-GA-RW-AAC Zone: Category: Rank: s

Area: 85,000.00 SqFt Length: 1,700.00 Ft Width: 50.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/26/2007 Total Samples: 7 Surveyed: 7

Date:

Conditions: PCI:73.00 |

Inspection Comments:

Sample Number: 136 Type: R Area: 1,850.00 SqFt PCI = 70

Sample Comments:

43 L 48 L 50 L

Sample Number: 141 Type: R Area: 2,500.00 SqFt PCI = 70

Sample Comments:

43 L 50 L

Sample Number: 148 Type: R Area: 2,500.00 SqFt PCI = 74

Sample Comments:

48 L 52 L

Sample Number: 155 Type: R Area: 2,500.00 SqFt PCI = 76

Sample Comments:

50 L 48 L 56 L 56 M

Sample Number: 162 Type: R Area: 2,500.00 SqFt PCI = 79

Sample Comments:

48 L 52 L 50 L

Sample Number: 165 Type: R Area: 2,500.00 SqFt PCI = 79

Sample Comments:

48 L 50 L 45 L

Sample Number: 169 Type: R Area: 2,500.00 SqFt PCI = 62

Sample Comments:

45 L 48 L 56 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: RW 9-27 Name: RUNWAY 9-27 Use: RUNWAY Area: 480,200.00 SqFt

Section: 6215 of 6 From: - To: - Last Const.: 1/1/1998

Surface: AAC Family: FDOT-GA-RW-AAC Zone: Category: Rank: s

Area: 220,000.00 SqFt Length: 1,300.00 Ft Width: 100.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/26/2007 Total Samples: 13 Surveyed: 13

Date:

Conditions: PCI:83.00 |

Inspection Comments:

Sample Number: 136 Type: R Area: 5,000.00 SqFt PCI = 71

Sample Comments:

43 L 50 L 48 L 56 L

Sample Number: 141 Type: R Area: 5,000.00 SqFt PCI = 72

Sample Comments:

43 L 48 L 56 L 50 L

Sample Number: 148 Type: R Area: 5,000.00 SqFt PCI = 76

Sample Comments:

43 L 48 L 56 L 45 L 50 L

Sample Number: 155 Type: R Area: 5,000.00 SqFt PCI = 92

Sample Comments:

48 L 50 L

Sample Number: 162 Type: R Area: 5,000.00 SqFt PCI = 77

Sample Comments:

43 L 48 L 56 L

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

Sample Comments:

48 L 56 L 43 L

Sample Number: 169 Type: R Area: 5,000.00 SqFt PCI = 90

Sample Comments:

48 L 48 M 50 L

Sample Number: 176 Type: R Area: 5,000.00 SqFt PCI = 83

Sample Comments:

48 L 52 L 50 L

Sample Number: 179 Type: R Area: 5,000.00 SqFt PCI = 94

Sample Comments:

48 L

Sample Number: 183 Type: R Area: 5,000.00 SqFt PCI = 90

Sample Comments:

48 L 52 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Sample Number:	186	Type:	R	Area:	5,000.00	SqFt	PCI = 94
Sample Comments:	48 L 52 L						

Sample Number:	190	Type:	R	Area:	5,000.00	SqFt	PCI = 83
Sample Comments:	48 L 52 L 50 L						

Sample Number:	194	Type:	R	Area:	5,000.00	SqFt	PCI = 83
Sample Comments:	48 L 52 L 50 L 56 L						

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: RW 9-27 Name: RUNWAY 9-27 Use: RUNWAY Area: 480,200.00 SqFt

Section: 6217 of 6 From: - To: - Last Const.: 1/1/1998

Surface: AAC Family: FDOT-GA-RW-AAC Zone: Category: Rank: s

Area: 4,200.00 SqFt Length: 42.00 Ft Width: 100.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/26/2007 Total Samples: 1 Surveyed: 1

Date:

Conditions: PCI:75.00 |

Inspection Comments:

Sample Number: 199 Type: R Area: 3,200.00 SqFt PCI = 75

Sample Comments:

43 L 52 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 348,140.00 SqFt

Section: 105 of 6 From: - To: - Last Const.: 1/1/1998

Surface: AAC Family: FDOT-GA-TW-AAC Zone: Category: Rank: P

Area: 103,250.00 SqFt Length: 1,900.00 Ft Width: 50.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 26 Surveyed: 4

Date:

Conditions: PCI:83.00 |

Inspection Comments:

Sample Number: 101 Type: R Area: 5,000.00 SqFt PCI = 90

Sample Comments:

52 M 48 L 50 L

Sample Number: 108 Type: R Area: 5,000.00 SqFt PCI = 83

Sample Comments:

48 L 52 L

Sample Number: 113 Type: R Area: 5,000.00 SqFt PCI = 78

Sample Comments:

48 L 52 L 41 L 56 L

Sample Number: 118 Type: R Area: 5,000.00 SqFt PCI = 82

Sample Comments:

42 L 48 L 50 L 52 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 348,140.00 SqFt

Section: 110 of 6 From: - To: - Last Const.: 1/1/1998

Surface: AAC Family: FDOT-GA-TW-AAC Zone: Category: Rank: P

Area: 66,000.00 SqFt Length: 1,300.00 Ft Width: 50.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 17 Surveyed: 3

Date:

Conditions: PCI:76.00 |

Inspection Comments:

Sample Number: 121 Type: R Area: 5,000.00 SqFt PCI = 80

Sample Comments:

50 L 52 L 48 L

Sample Number: 127 Type: R Area: 5,000.00 SqFt PCI = 71

Sample Comments:

48 M 48 L 50 L 41 L

Sample Number: 131 Type: R Area: 5,000.00 SqFt PCI = 77

Sample Comments:

48 L 50 L 52 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 348,140.00 SqFt

Section: 112 of 6 From: - To: - Last Const.: 1/1/1998

Surface: AAC Family: FDOT-GA-TW-AAC Zone: Category: Rank: P

Area: 29,000.00 SqFt Length: 600.00 Ft Width: 50.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 7 Surveyed: 2

Date:

Conditions: PCI:86.00 |

Inspection Comments:

Sample Number: 134 Type: R Area: 5,000.00 SqFt PCI = 85

Sample Comments:

48 L 50 L

Sample Number: 137 Type: R Area: 5,000.00 SqFt PCI = 86

Sample Comments:

48 L 50 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 348,140.00 SqFt

Section: 115 of 6 From: - To: - Last Const.: 1/1/1998

Surface: AAC Family: FDOT-GA-TW-AAC Zone: Category: Rank: P

Area: 50,000.00 SqFt Length: 1,000.00 Ft Width: 50.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 10 Surveyed: 2

Date:

Conditions: PCI:89.00 |

Inspection Comments:

Sample Number: 143 Type: R Area: 5,000.00 SqFt PCI = 94

Sample Comments:

48 L

Sample Number: 148 Type: R Area: 5,000.00 SqFt PCI = 85

Sample Comments:

48 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 348,140.00 SqFt

Section: 120 of 6 From: - To: - Last Const.: 1/1/1998

Surface: AAC Family: FDOT-GA-TW-AAC Zone: Category: Rank: P

Area: 77,120.00 SqFt Length: 1,500.00 Ft Width: 50.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 19 Surveyed: 3

Date:

Conditions: PCI:86.00 |

Inspection Comments:

Sample Number: 151 Type: R Area: 5,000.00 SqFt PCI = 88

Sample Comments:

50 L 48 L

Sample Number: 157 Type: R Area: 5,000.00 SqFt PCI = 87

Sample Comments:

48 L 50 L

Sample Number: 162 Type: R Area: 5,000.00 SqFt PCI = 82

Sample Comments:

48 L 50 L 52 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: TW A Name: TAXIWAY A Use: TAXIWAY Area: 348,140.00 SqFt

Section: 125 of 6 From: - To: - Last Const.: 1/1/1998

Surface: AAC Family: FDOT-GA-TW-AAC Zone: Category: Rank: P

Area: 22,770.00 SqFt Length: 450.00 Ft Width: 50.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 6 Surveyed: 2

Date:

Conditions: PCI:95.00 |

Inspection Comments:

Sample Number: 300 Type: R Area: 10,000.00 SqFt PCI = 97

Sample Comments:

50 L 52 L

Sample Number: 303 Type: R Area: 5,000.00 SqFt PCI = 91

Sample Comments:

48 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 262,950.00 SqFt

Section: 205 of 3 From: - To: - Last Const.: 1/1/1998

Surface: AAC Family: FDOT-GA-TW-AAC Zone: Category: Rank: P

Area: 21,400.00 SqFt Length: 400.00 Ft Width: 50.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 5 Surveyed: 1

Date:

Conditions: PCI:88.00 |

Inspection Comments:

Sample Number: 502 Type: R Area: 5,000.00 SqFt PCI = 88

Sample Comments:

48 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 262,950.00 SqFt

Section: 210 of 3 From: - To: - Last Const.: 1/1/1976

Surface: AAC Family: FDOT-GA-TW-AAC Zone: Category: Rank: P

Area: 236,550.00 SqFt Length: 4,605.00 Ft Width: 50.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 59 Surveyed: 6

Date:

Conditions: PCI:57.00 |

Inspection Comments:

Sample Number: 506 Type: R Area: 5,000.00 SqFt PCI = 59

Sample Comments:

52 L 43 L

Sample Number: 515 Type: R Area: 5,000.00 SqFt PCI = 59

Sample Comments:

43 L 52 L

Sample Number: 525 Type: R Area: 5,000.00 SqFt PCI = 57

Sample Comments:

43 L 52 L 56 L

Sample Number: 533 Type: R Area: 5,000.00 SqFt PCI = 56

Sample Comments:

43 L 45 L 52 L 56 L

Sample Number: 541 Type: R Area: 5,000.00 SqFt PCI = 55

Sample Comments:

56 L 43 L 52 L

Sample Number: 545 Type: R Area: 5,000.00 SqFt PCI = 56

Sample Comments:

56 L 52 L 43 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: TW B Name: TAXIWAY B Use: TAXIWAY Area: 262,950.00 SqFt

Section: 220 of 3 From: - To: - Last Const.: 1/1/1998

Surface: AAC Family: FDOT-GA-TW-AAC Zone: Category: Rank: P

Area: 5,000.00 SqFt Length: 60.00 Ft Width: 50.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/26/2007 Total Samples: 1 Surveyed: 1

Date:

Conditions: PCI:59.00 |

Inspection Comments:

Sample Number: 500 Type: R Area: 5,000.00 SqFt PCI = 59

Sample Comments:

43 L 52 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 172,800.00 SqFt

Section: 305 of 3 From: - To: - Last Const.: 1/1/2004

Surface: AAC Family: FDOT-GA-TW-AAC Zone: Category: Rank: P

Area: 33,550.00 SqFt Length: 550.00 Ft Width: 50.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 8 Surveyed: 2

Date:

Conditions: PCI:91.00 |

Inspection Comments:

Sample Number: 701 Type: R Area: 5,000.00 SqFt PCI = 92

Sample Comments:

48 L 50 L

Sample Number: 704 Type: R Area: 5,000.00 SqFt PCI = 90

Sample Comments:

48 L 52 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 172,800.00 SqFt

Section: 310 of 3 From: - To: - Last Const.: 1/1/1986

Surface: AAC Family: FDOT-GA-TW-AAC Zone: Category: Rank: P

Area: 108,400.00 SqFt Length: 2,100.00 Ft Width: 50.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 27 Surveyed: 4

Date:

Conditions: PCI:79.00 |

Inspection Comments:

Sample Number: 701 Type: R Area: 5,000.00 SqFt PCI = 76

Sample Comments:

52 M 48 L 52 L

Sample Number: 707 Type: R Area: 5,000.00 SqFt PCI = 77

Sample Comments:

48 L 52 L

Sample Number: 714 Type: R Area: 5,000.00 SqFt PCI = 80

Sample Comments:

52 L 48 L

Sample Number: 719 Type: R Area: 5,000.00 SqFt PCI = 84

Sample Comments:

48 L 52 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: TW C Name: TAXIWAY C Use: TAXIWAY Area: 172,800.00 SqFt

Section: 315 of 3 From: - To: - Last Const.: 1/1/1976

Surface: AAC Family: FDOT-GA-TW-AAC Zone: Category: Rank: P

Area: 30,850.00 SqFt Length: 600.00 Ft Width: 50.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 8 Surveyed: 2

Date:

Conditions: PCI:55.00 |

Inspection Comments:

Sample Number: 701 Type: R Area: 5,000.00 SqFt PCI = 55

Sample Comments:

43 L 52 L 56 L

Sample Number: 704 Type: R Area: 5,000.00 SqFt PCI = 54

Sample Comments:

43 L 52 L 56 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: TW D Name: TAXIWAY D Use: TAXIWAY Area: 100,100.00 SqFt

Section: 404 of 3 From: - To: - Last Const.: 1/1/2004

Surface: AAC Family: FDOT-GA-TW-AAC Zone: Category: Rank: T

Area: 20,000.00 SqFt Length: 400.00 Ft Width: 50.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 5 Surveyed: 1

Date:

Conditions: PCI:83.00 |

Inspection Comments:

Sample Number: 402 Type: R Area: 5,000.00 SqFt PCI = 83

Sample Comments:

48 L 50 L 52 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: TW D Name: TAXIWAY D Use: TAXIWAY Area: 100,100.00 SqFt

Section: 408 of 3 From: - To: - Last Const.: 1/1/2004

Surface: AAC Family: FDOT-GA-TW-AAC Zone: Category: Rank: P

Area: 7,500.00 SqFt Length: 150.00 Ft Width: 50.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 1 Surveyed: 1

Date:

Conditions: PCI:87.00 |

Inspection Comments:

Sample Number: 404 Type: R Area: 7,500.00 SqFt PCI = 87

Sample Comments:

52 L 48 L 50 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: TW D Name: TAXIWAY D Use: TAXIWAY Area: 100,100.00 SqFt

Section: 410 of 3 From: - To: - Last Const.: 1/1/2004

Surface: AAC Family: FDOT-GA-TW-AAC Zone: Category: Rank: P

Area: 72,600.00 SqFt Length: 1,452.00 Ft Width: 50.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 12 Surveyed: 3

Date:

Conditions: PCI:91.00 |

Inspection Comments:

Sample Number: 406 Type: R Area: 5,000.00 SqFt PCI = 88

Sample Comments:

48 L 50 L 52 L

Sample Number: 411 Type: R Area: 5,000.00 SqFt PCI = 90

Sample Comments:

48 L 50 L 52 L

Sample Number: 414 Type: R Area: 5,000.00 SqFt PCI = 95

Sample Comments:

52 L 45 L 48 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: TW E Name: TAXIWAY E Use: TAXIWAY Area: 147,916.00 SqFt

Section: 505 of 4 From: - To: - Last Const.: 1/1/1998

Surface: AAC Family: FDOT-GA-TW-AAC Zone: Category: Rank: P

Area: 29,300.00 SqFt Length: 550.00 Ft Width: 50.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 7 Surveyed: 2

Date:

Conditions: PCI:98.00 |

Inspection Comments:

Sample Number: 601 Type: R Area: 5,000.00 SqFt PCI = 98

Sample Comments:

50 L

Sample Number: 603 Type: R Area: 5,000.00 SqFt PCI = 98

Sample Comments:

50 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: TW E Name: TAXIWAY E Use: TAXIWAY Area: 147,916.00 SqFt

Section: 510 of 4 From: - To: - Last Const.: 1/1/1998

Surface: AAC Family: FDOT-GA-TW-AAC Zone: Category: Rank: P

Area: 1,896.00 SqFt Length: 60.00 Ft Width: 24.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 1 Surveyed: 1

Date:

Conditions: PCI:78.00 |

Inspection Comments:

Sample Number: 600 Type: R Area: 3,000.00 SqFt PCI = 78

Sample Comments:

45 L 48 L 50 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: TW E Name: TAXIWAY E Use: TAXIWAY Area: 147,916.00 SqFt

Section: 515 of 4 From: - To: - Last Const.: 1/1/1998

Surface: AAC Family: FDOT-GA-TW-AAC Zone: Category: Rank: P

Area: 109,220.00 SqFt Length: 3,000.00 Ft Width: 36.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 27 Surveyed: 5

Date:

Conditions: PCI:97.00 |

Inspection Comments:

Sample Number: 604 Type: R Area: 5,000.00 SqFt PCI = 98

Sample Comments:

50 L

Sample Number: 608 Type: R Area: 5,000.00 SqFt PCI = 98

Sample Comments:

50 L

Sample Number: 614 Type: R Area: 3,600.00 SqFt PCI = 94

Sample Comments:

48 L 50 L

Sample Number: 620 Type: R Area: 3,600.00 SqFt PCI = 96

Sample Comments:

48 L

Sample Number: 628 Type: R Area: 3,600.00 SqFt PCI = 97

Sample Comments:

48 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: TW E Name: TAXIWAY E Use: TAXIWAY Area: 147,916.00 SqFt

Section: 520 of 4 From: - To: - Last Const.: 1/1/1998

Surface: AAC Family: FDOT-GA-TW-AAC Zone: Category: Rank: P

Area: 7,500.00 SqFt Length: 150.00 Ft Width: 50.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 1 Surveyed: 1

Date:

Conditions: PCI:98.00 |

Inspection Comments:

Sample Number: 611 Type: R Area: 6,750.00 SqFt PCI = 98

Sample Comments:

50 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: TW F Name: TAXIWAY F Use: TAXIWAY Area: 192,284.00 SqFt

Section: 605 of 4 From: - To: - Last Const.: 1/1/1998

Surface: AAC Family: FDOT-GA-TW-AAC Zone: Category: Rank: T

Area: 28,493.00 SqFt Length: 520.00 Ft Width: 50.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 8 Surveyed: 2

Date:

Conditions: PCI:46.00 |

Inspection Comments:

Sample Number: 301 Type: R Area: 5,000.00 SqFt PCI = 45

Sample Comments:

45 L 43 M

Sample Number: 304 Type: R Area: 5,000.00 SqFt PCI = 47

Sample Comments:

43 M

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: TW F Name: TAXIWAY F Use: TAXIWAY Area: 192,284.00 SqFt

Section: 610 of 4 From: - To: - Last Const.: 1/1/1943

Surface: AC Family: FDOT-GA-TW-AC Zone: Category: Rank: P

Area: 58,200.00 SqFt Length: 388.00 Ft Width: 150.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 15 Surveyed: 2

Date:

Conditions: PCI:37.00 |

Inspection Comments:

Sample Number: 101 Type: R Area: 5,000.00 SqFt PCI = 42

Sample Comments:

50 L 52 L 43 M 45 L

Sample Number: 202 Type: R Area: 5,000.00 SqFt PCI = 32

Sample Comments:

45 L 43 M 50 M 56 L 50 L 49 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: TW F Name: TAXIWAY F Use: TAXIWAY Area: 192,284.00 SqFt

Section: 615 of 4 From: - To: - Last Const.: 1/1/1943

Surface: AC Family: FDOT-GA-TW-AC Zone: Category: Rank: P

Area: 16,800.00 SqFt Length: 112.00 Ft Width: 150.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 4 Surveyed: 1

Date:

Conditions: PCI:42.00 |

Inspection Comments:

Sample Number: 204 Type: R Area: 5,600.00 SqFt PCI = 42

Sample Comments:

43 M 50 L

Re-inspection Report

FDOT

Report Generated Date: 2/1/2008

Site Name:

Network: TIX Name: SPACE COAST REGIONAL AIRPORT

Branch: TW F Name: TAXIWAY F Use: TAXIWAY Area: 192,284.00 SqFt

Section: 620 of 4 From: - To: - Last Const.: 1/1/1943

Surface: AC Family: FDOT-GA-TW-AC Zone: Category: Rank: T

Area: 88,791.00 SqFt Length: 570.00 Ft Width: 150.00 Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. 6/25/2007 Total Samples: 21 Surveyed: 3

Date:

Conditions: PCI:36.00 |

Inspection Comments:

Sample Number: 103 Type: R Area: 5,000.00 SqFt PCI = 35

Sample Comments:

45 L 49 L 50 L 43 M

Sample Number: 201 Type: R Area: 5,000.00 SqFt PCI = 35

Sample Comments:

56 L 43 M 56 M

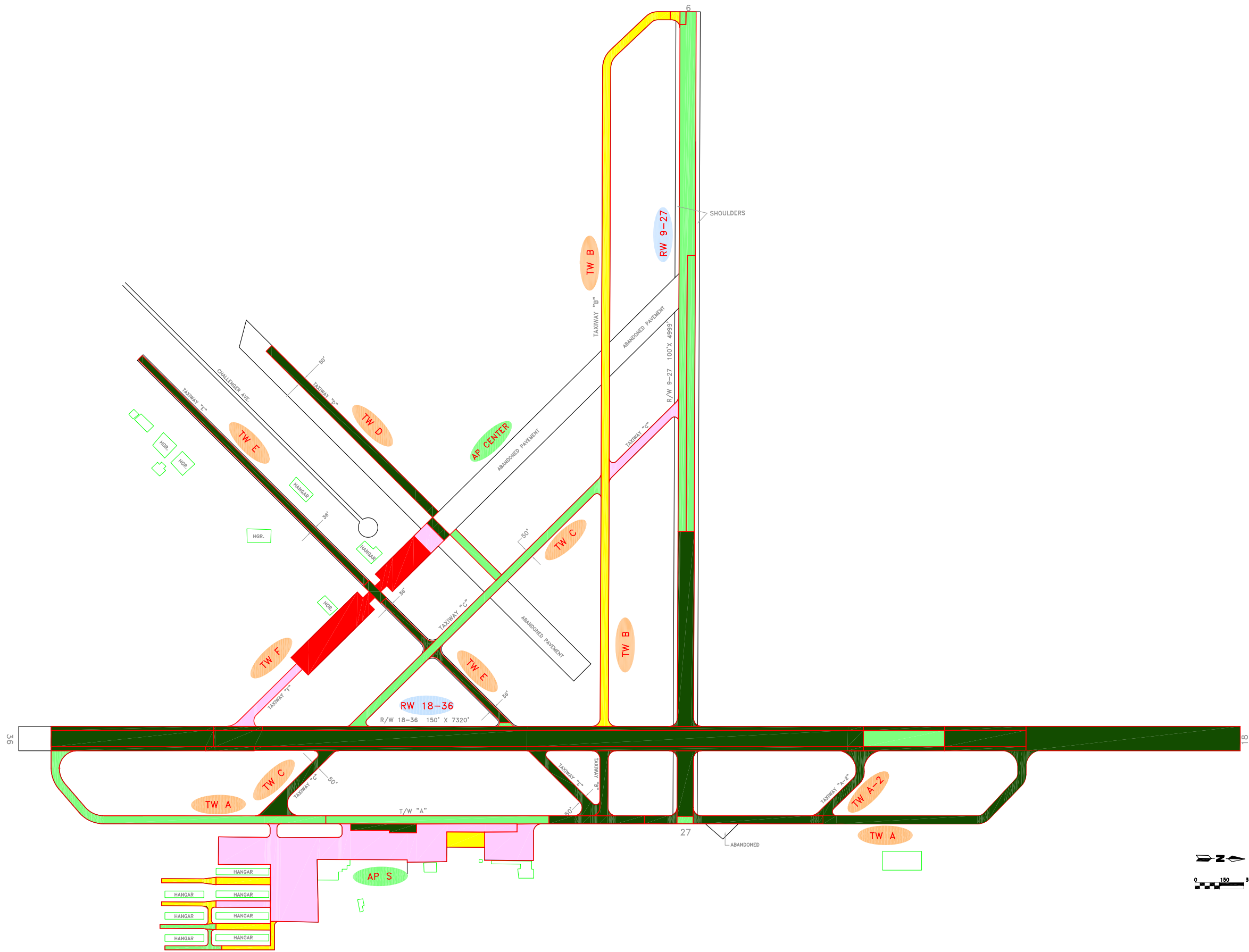
Sample Number: 304 Type: R Area: 4,100.00 SqFt PCI = 40

Sample Comments:

49 L 52 M

APPENDIX C

2007 CONDITION MAP AND TABLES



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	Feb-01-08	Draft Report
0	Feb-06	Initial Submittal
DESIGNED:	JCB	DRAWN: RWF
CHECKED:		DATE: 3-2-2006



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
SPACE COAST REGIONAL	TIX	SOUTH APRON	AP S	4205	300	175	56,820	P	AC	1/1/1968	6/25/2007	51
SPACE COAST REGIONAL	TIX	SOUTH APRON	AP S	4209	400	45	18,000	P	APC	1/1/1992	6/25/2007	89
SPACE COAST REGIONAL	TIX	SOUTH APRON	AP S	4210	100	233	23,300	P	AC	1/1/1967	6/25/2007	69
SPACE COAST REGIONAL	TIX	SOUTH APRON	AP S	4215	1,400	200	376,400	P	AC	1/1/1971	6/25/2007	46
SPACE COAST REGIONAL	TIX	SOUTH APRON	AP S	4220	330	45	14,985	P	AC	1/1/1980	6/25/2007	57
SPACE COAST REGIONAL	TIX	SOUTH APRON	AP S	4225	300	20	9,325	P	PCC	1/1/1991	6/25/2007	62
SPACE COAST REGIONAL	TIX	SOUTH APRON	AP S	4226	326	40	13,040	P	AC	1/1/1985	6/25/2007	44
SPACE COAST REGIONAL	TIX	SOUTH APRON	AP S	4227	330	40	13,200	P	AC	1/1/1992	6/25/2007	64
SPACE COAST REGIONAL	TIX	SOUTH APRON	AP S	4228	400	30	12,000	P	AC	1/1/1992	6/25/2007	64
SPACE COAST REGIONAL	TIX	SOUTH APRON	AP S	4230	330	21	8,680	P	PCC	1/1/1991	6/25/2007	64
SPACE COAST REGIONAL	TIX	SOUTH APRON	AP S	4240	300	30	9,600	P	AC	1/1/1987	6/25/2007	78
SPACE COAST REGIONAL	TIX	SOUTH APRON	AP S	4241	450	25	11,250	P	AC	1/1/1987	6/25/2007	82
SPACE COAST REGIONAL	TIX	RUNWAY 18-36	RW 18-36	6105	1,000	100	100,000	P	AAC	1/1/2004	6/25/2007	92
SPACE COAST REGIONAL	TIX	RUNWAY 18-36	RW 18-36	6110	1,950	25	48,750	P	AAC	1/1/2004	6/25/2007	95
SPACE COAST REGIONAL	TIX	RUNWAY 18-36	RW 18-36	6112	600	25	15,000	P	AAC	1/1/2004	6/25/2007	96

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
SPACE COAST REGIONAL	TIX	RUNWAY 18-36	RW 18-36	6115	4,000	100	400,000	P	AAC	1/1/2004	6/25/2007	87
SPACE COAST REGIONAL	TIX	RUNWAY 18-36	RW 18-36	6120	7,450	25	186,250	P	AAC	1/1/2004	6/25/2007	92
SPACE COAST REGIONAL	TIX	RUNWAY 18-36	RW 18-36	6125	500	100	50,000	P	AAC	1/1/2004	6/25/2007	85
SPACE COAST REGIONAL	TIX	RUNWAY 18-36	RW 18-36	6130	1,000	25	25,000	P	AAC	1/1/2004	6/25/2007	98
SPACE COAST REGIONAL	TIX	RUNWAY 18-36	RW 18-36	6135	500	100	51,000	P	AAC	1/1/2004	6/25/2007	88
SPACE COAST REGIONAL	TIX	RUNWAY 18-36	RW 18-36	6140	1,000	25	25,500	P	AAC	1/1/2004	6/25/2007	96
SPACE COAST REGIONAL	TIX	RUNWAY 18-36	RW 18-36	6145	1,320	100	132,000	P	AAC	1/1/2004	6/25/2007	94
SPACE COAST REGIONAL	TIX	RUNWAY 9-27	RW 9-27	6202	50	100	5,000	S	AAC	1/1/1998	6/25/2007	74
SPACE COAST REGIONAL	TIX	RUNWAY 9-27	RW 9-27	6205	400	100	41,000	S	AAC	1/1/1998	6/25/2007	89
SPACE COAST REGIONAL	TIX	RUNWAY 9-27	RW 9-27	6206	1,250	100	125,000	S	AAC	1/1/1998	6/25/2007	93
SPACE COAST REGIONAL	TIX	RUNWAY 9-27	RW 9-27	6210	1,700	50	85,000	S	AAC	1/1/1998	6/26/2007	73
SPACE COAST REGIONAL	TIX	RUNWAY 9-27	RW 9-27	6215	1,300	100	220,000	S	AAC	1/1/1998	6/26/2007	83
SPACE COAST REGIONAL	TIX	RUNWAY 9-27	RW 9-27	6217	42	100	4,200	S	AAC	1/1/1998	6/26/2007	75
SPACE COAST REGIONAL	TIX	TAXIWAY A	TW A	105	1,900	50	103,250	P	AAC	1/1/1998	6/25/2007	83
SPACE COAST REGIONAL	TIX	TAXIWAY A	TW A	110	1,300	50	66,000	P	AAC	1/1/1998	6/25/2007	76

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
SPACE COAST REGIONAL	TIX	TAXIWAY A	TW A	112	600	50	29,000	P	AAC	1/1/1998	6/25/2007	86
SPACE COAST REGIONAL	TIX	TAXIWAY A	TW A	115	1,000	50	50,000	P	AAC	1/1/1998	6/25/2007	89
SPACE COAST REGIONAL	TIX	TAXIWAY A	TW A	120	1,500	50	77,120	P	AAC	1/1/1998	6/25/2007	86
SPACE COAST REGIONAL	TIX	TAXIWAY A	TW A	125	450	50	22,770	P	AAC	1/1/1998	6/25/2007	95
SPACE COAST REGIONAL	TIX	TAXIWAY B	TW B	205	400	50	21,400	P	AAC	1/1/1998	6/25/2007	88
SPACE COAST REGIONAL	TIX	TAXIWAY B	TW B	210	4,605	50	236,550	P	AAC	1/1/1976	6/25/2007	57
SPACE COAST REGIONAL	TIX	TAXIWAY B	TW B	220	60	50	5,000	P	AAC	1/1/1998	6/26/2007	59
SPACE COAST REGIONAL	TIX	TAXIWAY C	TW C	305	550	50	33,550	P	AAC	1/1/2004	6/25/2007	91
SPACE COAST REGIONAL	TIX	TAXIWAY C	TW C	310	2,100	50	108,400	P	AAC	1/1/1986	6/25/2007	79
SPACE COAST REGIONAL	TIX	TAXIWAY C	TW C	315	600	50	30,850	P	AAC	1/1/1976	6/25/2007	55
SPACE COAST REGIONAL	TIX	TAXIWAY D	TW D	404	400	50	20,000	T	AAC	1/1/2004	6/25/2007	83
SPACE COAST REGIONAL	TIX	TAXIWAY D	TW D	408	150	50	7,500	P	AAC	1/1/2004	6/25/2007	87
SPACE COAST REGIONAL	TIX	TAXIWAY D	TW D	410	1,452	50	72,600	P	AAC	1/1/2004	6/25/2007	91
SPACE COAST REGIONAL	TIX	TAXIWAY E	TW E	505	550	50	29,300	P	AAC	1/1/1998	6/25/2007	98
SPACE COAST REGIONAL	TIX	TAXIWAY E	TW E	510	60	24	1,896	P	AAC	1/1/1998	6/25/2007	78

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
SPACE COAST REGIONAL	TIX	TAXIWAY E	TW E	515	3,000	36	109,220	P	AAC	1/1/1998	6/25/2007	97
SPACE COAST REGIONAL	TIX	TAXIWAY E	TW E	520	150	50	7,500	P	AAC	1/1/1998	6/25/2007	98
SPACE COAST REGIONAL	TIX	TAXIWAY F	TW F	605	520	50	28,493	T	AAC	1/1/1998	6/25/2007	46
SPACE COAST REGIONAL	TIX	TAXIWAY F	TW F	610	388	150	58,200	P	AC	1/1/1943	6/25/2007	37
SPACE COAST REGIONAL	TIX	TAXIWAY F	TW F	615	112	150	16,800	P	AC	1/1/1943	6/25/2007	42
SPACE COAST REGIONAL	TIX	TAXIWAY F	TW F	620	570	150	88,791	T	AC	1/1/1943	6/25/2007	36

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

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
TIX	AP S	4205	51	50	49	48	47	46	46	45	44	44	43
TIX	AP S	4209	89	87	85	83	81	79	78	76	74	72	70
TIX	AP S	4210	69	67	66	64	63	61	60	58	57	56	54
TIX	AP S	4215	46	45	45	44	43	43	42	41	41	40	40
TIX	AP S	4220	57	56	54	53	52	51	50	49	48	47	47
TIX	AP S	4225	62	61	60	59	59	58	57	56	55	54	53
TIX	AP S	4226	44	43	43	42	42	41	40	40	39	39	38
TIX	AP S	4227	64	62	61	60	58	57	56	54	53	52	51
TIX	AP S	4228	64	62	61	60	58	57	56	54	53	52	51
TIX	AP S	4230	64	63	62	61	61	60	59	58	57	56	55
TIX	AP S	4240	78	76	74	72	71	69	67	66	64	63	61
TIX	AP S	4241	82	80	78	76	74	73	71	69	67	66	64
TIX	RW 18-36	6105	92	90	87	85	82	80	77	75	72	70	67
TIX	RW 18-36	6110	95	93	90	88	85	83	80	78	75	73	70
TIX	RW 18-36	6112	96	94	91	89	86	84	81	79	76	74	71
TIX	RW 18-36	6115	87	85	82	80	77	75	72	70	67	65	62
TIX	RW 18-36	6120	92	90	87	85	82	80	77	75	72	70	67
TIX	RW 18-36	6125	85	83	80	78	75	73	70	68	65	63	60
TIX	RW 18-36	6130	98	96	93	91	88	86	83	81	78	76	73
TIX	RW 18-36	6135	88	86	83	81	78	76	73	71	68	66	63
TIX	RW 18-36	6140	96	94	91	89	86	84	81	79	76	74	71
TIX	RW 18-36	6145	94	92	89	87	84	82	79	77	74	72	69
TIX	RW 9-27	6202	74	72	69	67	64	62	59	57	54	52	49
TIX	RW 9-27	6205	89	87	84	82	79	77	74	72	69	67	64
TIX	RW 9-27	6206	93	91	88	86	83	81	78	76	73	71	68
TIX	RW 9-27	6210	73	71	68	66	63	61	58	56	53	51	48
TIX	RW 9-27	6215	83	81	78	76	73	71	68	66	63	61	58
TIX	RW 9-27	6217	75	73	70	68	65	63	60	58	55	53	50
TIX	TW A	105	83	81	79	77	75	73	71	70	68	66	64
TIX	TW A	110	76	74	72	70	68	66	64	63	61	59	57
TIX	TW A	112	86	84	82	80	78	76	74	73	71	69	67

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
TIX	TW A	115	89	87	85	83	81	79	77	76	74	72	70
TIX	TW A	120	86	84	82	80	78	76	74	73	71	69	67
TIX	TW A	125	95	93	91	89	87	85	83	82	80	78	76
TIX	TW B	205	88	86	84	82	80	78	76	75	73	71	69
TIX	TW B	210	57	55	53	51	49	47	45	44	42	40	38
TIX	TW B	220	59	57	55	53	51	49	47	46	44	42	40
TIX	TW C	305	91	89	87	85	83	81	79	78	76	74	72
TIX	TW C	310	79	77	75	73	71	69	67	66	64	62	60
TIX	TW C	315	55	53	51	49	47	45	43	42	40	38	36
TIX	TW D	404	83	81	79	77	75	73	71	70	68	66	64
TIX	TW D	408	87	85	83	81	79	77	75	74	72	70	68
TIX	TW D	410	91	89	87	85	83	81	79	78	76	74	72
TIX	TW E	505	98	96	94	92	90	88	86	85	83	81	79
TIX	TW E	510	78	76	74	72	70	68	66	65	63	61	59
TIX	TW E	515	97	95	93	91	89	87	85	84	82	80	78
TIX	TW E	520	98	96	94	92	90	88	86	85	83	81	79
TIX	TW F	605	46	44	42	40	38	36	34	33	31	29	27
TIX	TW F	610	37	35	33	31	29	27	25	23	21	19	17
TIX	TW F	615	42	40	38	36	34	32	30	28	26	24	22
TIX	TW F	620	36	34	32	30	28	26	24	22	20	18	16

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
SPACE COAST REGIONAL AIRPORT	SOUTH APRON	52
SPACE COAST REGIONAL AIRPORT	RUNWAY 18-36	90
SPACE COAST REGIONAL AIRPORT	RUNWAY 9-27	86
SPACE COAST REGIONAL AIRPORT	TAXIWAY A	84
SPACE COAST REGIONAL AIRPORT	TAXIWAY B	60
SPACE COAST REGIONAL AIRPORT	TAXIWAY C	77
SPACE COAST REGIONAL AIRPORT	TAXIWAY D	89
SPACE COAST REGIONAL AIRPORT	TAXIWAY E	97
SPACE COAST REGIONAL AIRPORT	TAXIWAY F	38

APPENDIX E

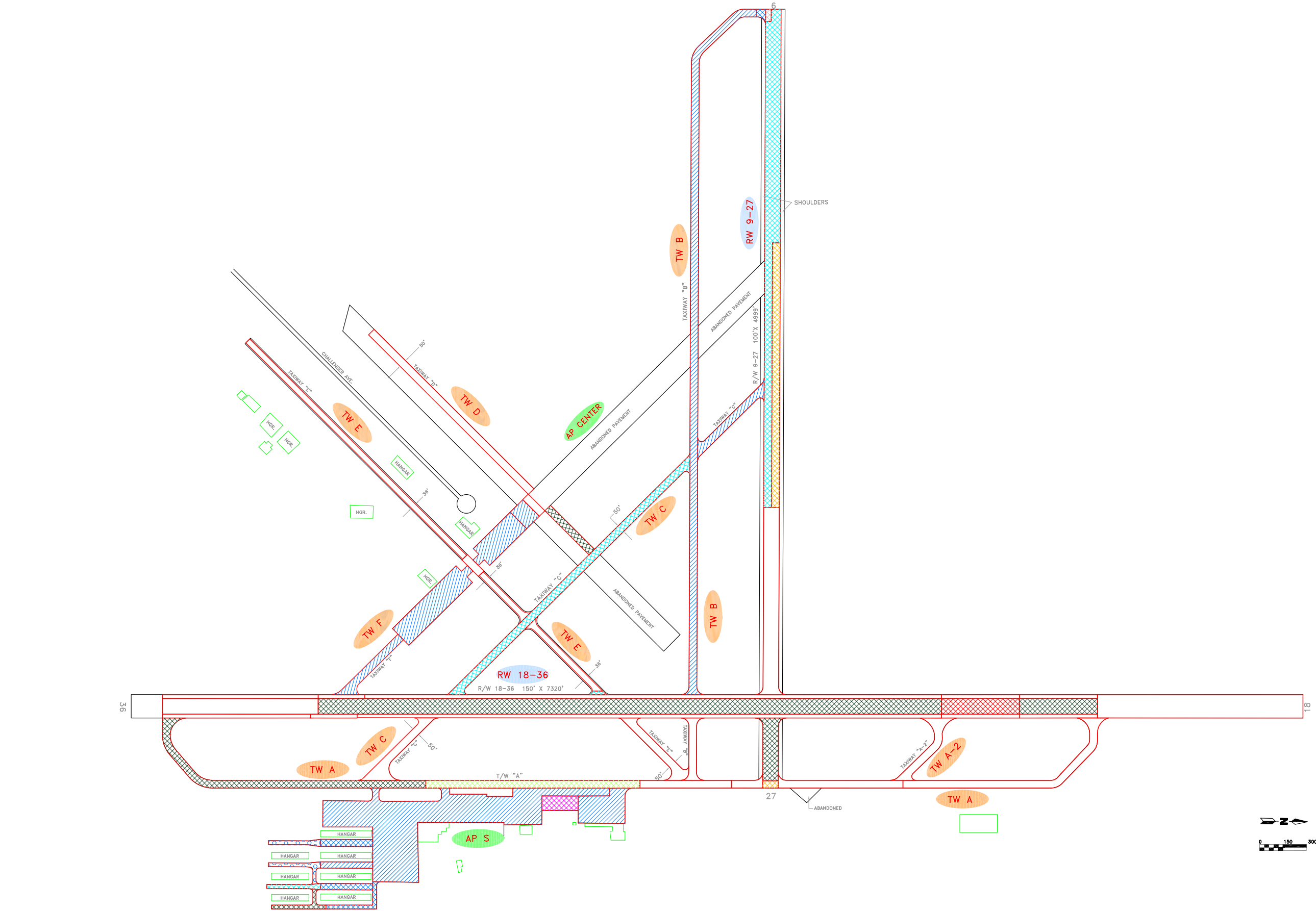
MAJOR M&R PLAN BY YEAR

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
TIX	APRON	AP S	4205	AC	56,820	2008	50	Mill & Overlay	100	\$357,398
TIX	APRON	AP S	4215	AC	376,400	2008	45	Mill & Overlay	100	\$2,367,556
TIX	APRON	AP S	4220	AC	14,985	2008	56	Microsurfacing	100	\$68,452
TIX	APRON	AP S	4225	PCC	9,325	2008	61	PCC Restoration	100	\$29,346
TIX	APRON	AP S	4226	AC	13,040	2008	43	Mill & Overlay	100	\$82,022
TIX	APRON	AP S	4227	AC	13,200	2008	63	Microsurfacing	100	\$34,333
TIX	APRON	AP S	4228	AC	12,000	2008	63	Microsurfacing	100	\$31,212
TIX	APRON	AP S	4230	PCC	8,680	2008	63	PCC Restoration	100	\$22,577
TIX	TAXIWAY	TW B	210	AAC	236,550	2008	55	Mill & Overlay	100	\$1,148,451
TIX	TAXIWAY	TW B	220	AAC	5,000	2008	57	Microsurfacing	100	\$21,405
TIX	TAXIWAY	TW C	315	AAC	30,850	2008	53	Mill & Overlay	100	\$167,485
TIX	TAXIWAY	TW F	605	AAC	28,493	2008	44	Mill & Overlay	100	\$179,221
TIX	TAXIWAY	TW F	610	AC	58,200	2008	35	Mill & Overlay	100	\$579,381
TIX	TAXIWAY	TW F	615	AC	16,800	2008	40	Mill & Overlay	100	\$105,672
TIX	TAXIWAY	TW F	620	AC	88,791	2008	34	Mill & Overlay	100	\$948,998
TIX	APRON	AP S	4210	AC	23,300	2010	64	Microsurfacing	100	\$57,546
TIX	RUNWAY	RW 9-27	6202	AAC	5,000	2011	64	Microsurfacing	100	\$12,719
TIX	RUNWAY	RW 9-27	6210	AAC	85,000	2011	63	Microsurfacing	100	\$241,586
TIX	RUNWAY	RW 9-27	6217	AAC	4,200	2012	63	Microsurfacing	100	\$12,295
TIX	TAXIWAY	TW A	110	AAC	66,000	2014	63	Microsurfacing	100	\$204,978
TIX	APRON	AP S	4240	AC	9,600	2015	64	Microsurfacing	100	\$27,486
TIX	RUNWAY	RW 9-27	6215	AAC	220,000	2015	63	Microsurfacing	100	\$703,759
TIX	TAXIWAY	TW C	310	AAC	108,400	2015	64	Microsurfacing	100	\$310,365
TIX	TAXIWAY	TW E	510	AAC	1,896	2015	63	Microsurfacing	100	\$6,065
TIX	RUNWAY	RW 18-36	6125	AAC	50,000	2016	63	Microsurfacing	100	\$164,744
TIX	APRON	AP S	4241	AC	11,250	2017	64	Microsurfacing	100	\$34,172
TIX	RUNWAY	RW 18-36	6115	AAC	400,000	2017	62	Microsurfacing	100	\$1,499,968
TIX	RUNWAY	RW 18-36	6135	AAC	51,000	2017	63	Microsurfacing	100	\$173,080
TIX	RUNWAY	RW 9-27	6205	AAC	41,000	2017	64	Microsurfacing	100	\$124,538
TIX	TAXIWAY	TW A	105	AAC	103,250	2017	64	Microsurfacing	100	\$313,623
TIX	TAXIWAY	TW D	404	AAC	20,000	2017	64	Microsurfacing	100	\$60,750

APPENDIX F

10-YEAR M&R MAP



LEGEND

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

Year Activity

2008		Microsurfacing
2009		Mill & Overlay
2010		Reconstruction
2011		Concrete Pavement Restoration
2012		
2013		
2014		
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	Feb-01-08	Draft Report
0	Feb-06	Initial Submittal
DESIGNED:	JCB	DRAWN: RWF
CHECKED:		DATE: 3-2-2006



APPENDIX G
PHOTOGRAPHS



TW C Section 315 SU 701: Low Severity Weathering and L/T Cracking (June 25, 2007)



TW E Section 510 SU 600: Section Overview (June 25, 2007)



TW E Section 515 SU 604: Section Overview (June 25, 2007)



TW F 620 SU 304: Medium Severity Block Cracking (June 25, 2007)



AP S Section 4215 SU 104: Medium Severity L/T Cracking (June 25, 2007)



AP S Section 4227 SU 101: Medium Severity L/T Cracking (June 25, 2007)



AP S Section 4240 SU 104: Low Severity L/T Cracking (June 25, 2007)



AP S Section 4226 SU 101: Medium Severity Block Cracking (June 25, 2007)



RW 18-36 Section 6105 SU 302: Section Overview (June 25, 2007)



RW 18-36 Section 6115 SU 353: Section Overview (June 25, 2007)



TW A Section 125 SU 300: Section Overview (June 25, 2007)



RW 9-27 Section 6206 SU 117: Section Overview (June 25, 2007)



TW A Section 125 SU 303: Section Overview (June 25, 2007)