

**SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT
PAVEMENT MANAGEMENT REPORT**

**2007 GEORGIA AIRPORT
PAVEMENT MANAGEMENT REPORT**



Preserving Georgia's Critical Airport Pavement Infrastructure

Acknowledgement

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INTRODUCTION

In 2007, the Georgia Department of Transportation (GDOT), Aviation Programs, selected Applied Pavement Technology, Inc. (APTech), assisted by Wilbur Smith Associates (WSA) and AVCON, to update its statewide Airport Pavement Management System (APMS). The ultimate goal of this project was to provide the airports and the State with the pavement information and analytical tools that can help them identify pavement related needs, optimize the selection of projects and treatments over a multi-year period, and evaluate the long-term impacts of their project priorities.

As part of this project, pavement conditions at Savannah Hilton Head International Airport were assessed in 2007 using the Pavement Condition Index (PCI) procedure. During a PCI inspection, the types, severities, and amounts of distress present in a pavement are quantified. This information is then used to develop a composite index that represents the overall condition of the pavement in numerical terms, ranging from 0 (failed) to 100 (excellent). The PCI number is a measure of overall condition and is indicative of the level of work that will be required to maintain or repair a pavement. Further, the distress information provides insight into what is causing the pavement to deteriorate, which is the first step in selecting the appropriate repair action.

Programmed into an APMS, PCI information is used to determine when preventive maintenance actions, such as crack sealing, are advisable and also to identify the most cost-effective time to perform major rehabilitation, such as an overlay. The importance of identifying not only the type of repair but also the optimal time of repair is illustrated in Figure 1. This figure shows there is a point in a pavement's life cycle where the rate of deterioration increases. The financial impact of delaying repairs beyond this point can be severe.

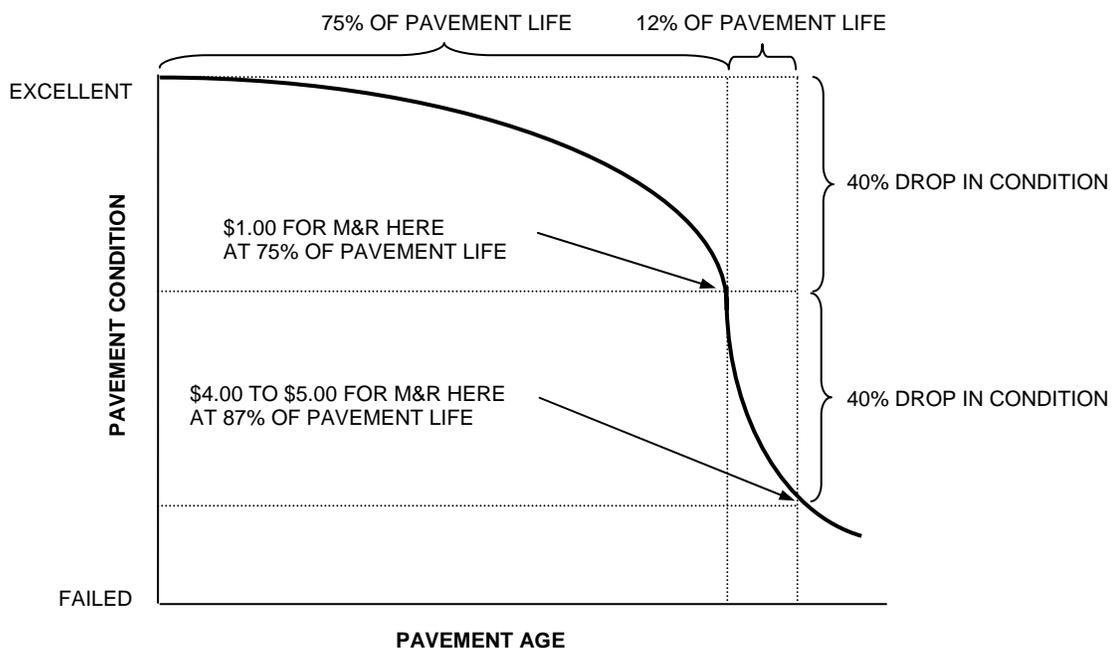


Figure 1. Pavement condition versus cost of repair.

This project included the collection of pavement history information, the development of CAD maps, the evaluation of current pavement condition, and the update of Aviation Program's APMS. The APMS was then used to prepare a 5-year pavement maintenance and rehabilitation program. Individual reports, such as this one, were prepared for each of the project airports to communicate the results of the pavement inspections. A statewide analysis report and an executive summary report were also developed.

PROJECT APPROACH

The project consisted of three major work elements: records review and network definition; pavement condition evaluation; and the development of a maintenance and rehabilitation plan for the preservation of the pavement infrastructure. The overall process is described in this chapter. The following chapter presents the results of the study.

Records Review and Network Definition

The first activities undertaken during the project involved gathering work history information pertaining to the airport pavements. The data collected include date of original construction and date of any subsequent rehabilitation; location of completed work; and the type of work undertaken. AVCON worked with GDOT Aviation Programs to gather this information.

The work history information was then used to divide the pavement system into management units – branches, sections, and sample units. A branch is a single entity that serves a distinct function. For example, a runway is considered a branch because it serves a single function (allowing aircraft to take off and land). Taxiways and aprons are also separate branches.

A branch is further divided into sections. Traditionally, sections are defined as parts of the branch that share common attributes, such as cross-section and last construction date. GDOT applies a modified approach to sectioning. The basic premise of this approach is that the section is considered the management unit of the APMS, and that it should represent a pavement area where it is realistic to expect that pavement maintenance or rehabilitation would be undertaken. For example, if a runway was built in 1968 and then extended and overlaid in 1984, this runway would be represented by a single section, even though there are two distinct construction periods. This is because in the future if repair work is scheduled for that runway it is probable that it will be programmed for the entire runway and not just a portion of it.

To estimate the overall condition of each pavement section, each section is subdivided into sample units. Portions of these sample units are then evaluated during pavement inspections and this information is extrapolated to predict the condition of the section as a whole.

Pavement Evaluation

APTech evaluated the pavements using the PCI procedure. This procedure is described in FAA AC 150/5380-6B and ASTM Standard D5340. The PCI provides a numerical indication of overall pavement condition, as illustrated in Figure 2. The types and amounts of deterioration are used to calculate the PCI value of the section. The PCI ranges from 0 to 100, with 100 representing a pavement in excellent condition.

It should be noted that a PCI value is based on visual signs of pavement deterioration and does not provide a measure of structural capacity. Additionally, since the previous evaluation performed in 2001, a change in the criteria used to determine the existence and severity of raveling and weathering on asphalt surfaced pavements occurred. The effect of this change can result in smaller recorded quantities, and/or lower observed severity levels, of raveling and weathering identified during the inspection. In these instances, a pavement's calculated PCI value can increase independent of any routine or preventive maintenance that occurred between the two inspections.

Typical Pavement Surface ¹	PCI
	100
	60
	5

Figure 2. Visual representation of PCI scale.

¹Photographs shown are not specific to the Airport.

In general terms, pavements with a PCI of 60 to 100 that are not exhibiting significant load-related distress will benefit from preventive maintenance actions, such as crack sealing and surface treatments. Pavements with a PCI of 40 to 60 may require major rehabilitation, such as an overlay. Often, when the PCI is less than 40, reconstruction is the only viable alternative due to the substantial damage to the pavement structure. Figure 3 illustrates how the appropriate repair type varies with the PCI of a pavement section.

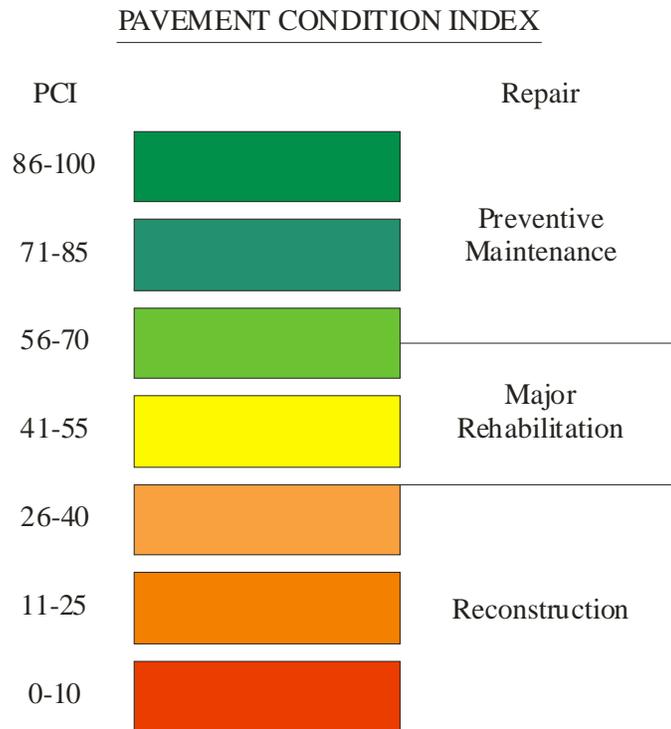


Figure 3. PCI versus repair type.

The types of distress identified during the PCI inspection provide insight into the cause of pavement deterioration. PCI distress types are characterized as load-related (such as alligator cracking on hot-mix asphalt [HMA] pavements or corner breaks on portland cement concrete [PCC] pavements), climate/durability-related (such as weathering [climate-related on HMA pavements] and D-cracking [durability-related on PCC pavements]), and other (distress types that cannot be attributed solely to load or climate/durability). Understanding the cause of distress helps in selecting a rehabilitation alternative that corrects the cause and thus eliminates its recurrence.

Appendix A contains tables for asphalt and concrete pavements indicating the typical types of distresses that may be identified during a PCI survey, the likely cause of each distress type, and feasible maintenance strategies for addressing each distress type.

Development of Maintenance and Rehabilitation Program

Using the information collected during the pavement inspection, a maintenance and rehabilitation program for 2008 through 2012 was developed. The Micro PAVER pavement management software was used to perform this analysis.

Analysis Parameters

Several analysis parameters were defined prior to running the analysis, including critical PCI values, budget, inflation rates, maintenance policies, and unit cost information.

Critical PCI Values

Micro PAVER uses critical PCI values to determine whether preventive maintenance or major rehabilitation is the appropriate repair action. Above the critical PCI, localized (such as crack sealing) and global (such as a slurry seal) preventive maintenance activities are recommended. Below the critical PCI, major rehabilitation (such as an overlay or reconstruction) is recommended. GDOT set the critical PCI values shown in Table 1.

Table 1. Critical PCI values.

Airport Classification	Runway	Taxiway	Apron
General Aviation	70	60	60
Commercial Service	75	65	65

Budget and Inflation Rate

An unlimited budget and an inflation rate of 7 percent were used during the analysis.

Maintenance Policies

Localized preventive maintenance policies and global preventive maintenance policies were developed for Aviation Programs. Localized maintenance policies, shown in Appendix D, identify the localized maintenance actions that Aviation Programs consider appropriate to correct different distress types when the PCI of the pavement is above the critical PCI level.

Global maintenance actions were also considered in the analysis. These are treatments that are applied over an entire section, rather than just to distressed areas. Rejuvenators were considered for pavements that are more than four years old with a PCI value greater than 80. Rejuvenators were only applied once during the analysis period to eligible sections.

Unit Costs

WSA developed unit costs, presented in Appendix D, for maintenance treatments and for major rehabilitation. For general aviation airports, the costs were separated by geographic regions. Micro PAVER estimates the cost of major rehabilitation based upon the PCI of the pavement. If major rehabilitation is recommended in the program, further engineering investigation will be needed to identify the most appropriate rehabilitation action and to more accurately estimate the cost of such work.

Analysis Approach

The goal of the maintenance and rehabilitation program is to maintain the pavements above established critical PCI values. Major rehabilitation was recommended for pavements in the year they dropped below their critical PCI value for 2008 through 2012.

For 2008, a localized preventive maintenance plan was developed for those pavement sections that were above their critical PCI value. If major rehabilitation was triggered for a section in 2009 or 2010, then localized maintenance was not recommended for 2008.

GENERAL RECOMMENDATIONS

Maintenance

In addition to the specific maintenance actions presented in Appendix E and Appendix F, the following strategies are recommended to prolong pavement life:

1. Conduct an aggressive campaign against weed growth through timely herbicide applications. Vegetation growing in pavement cracks is very destructive and significantly increases the rate of pavement deterioration.
2. Implement a periodic crack sealing program. Sealing cracks is a proven method for cost-effectively keeping water and debris out of the pavement system and extending its life.
3. Ensure that dirt does not build up along the edges of the pavements. This can create a “bathtub” effect—reducing the ability of water to drain away from the pavement system.
4. Closely monitor heavy equipment movement, such as construction equipment, emergency equipment, and fueling equipment, to make sure that it is only operating on pavement designed to accommodate the heavy loads this type of equipment often applies. Failure to restrict heavy equipment to appropriate areas may result in the premature failure of airport pavements.

Remaining in Compliance with Public Law 103-305

Public Law 103-305 states that after January 1, 1995, airport sponsors must provide assurances or certifications that an airport has implemented an effective airport pavement maintenance management system (PMMS) before the airport will be considered for funding of pavement replacement or reconstruction projects. To be in full compliance with the Federal law, the PMMS must include the following components at a minimum: pavement inventory, pavement inspections, record keeping, information retrieval, and program funding.

By undertaking this project, GDOT has provided Savannah Hilton Head International Airport with an excellent basis for meeting the requirements of this law. The airport now has a complete pavement inventory and a detailed inspection. To remain in compliance with the law, the airport will also need to undertake monthly drive-by inspections of pavement conditions and track pavement-related maintenance activities. The next detailed inspection should occur in 2010.

Appendix G, which contains a copy of FAA AC 150/5380-6B, provides further information on Public Law 103-305. Specifically, Appendix 1 of this AC outlines what needs to be included in a PMMS to satisfy FAA Grant Assurance 11.

PROJECT RESULTS

Pavement Inventory

Savannah Hilton Head International Airport has over 8,729,005 square feet of pavement, as shown in Figure 4. Figure 5 is a map of the airport showing the pavement system broken down into management units, as described on page 3 of this report.

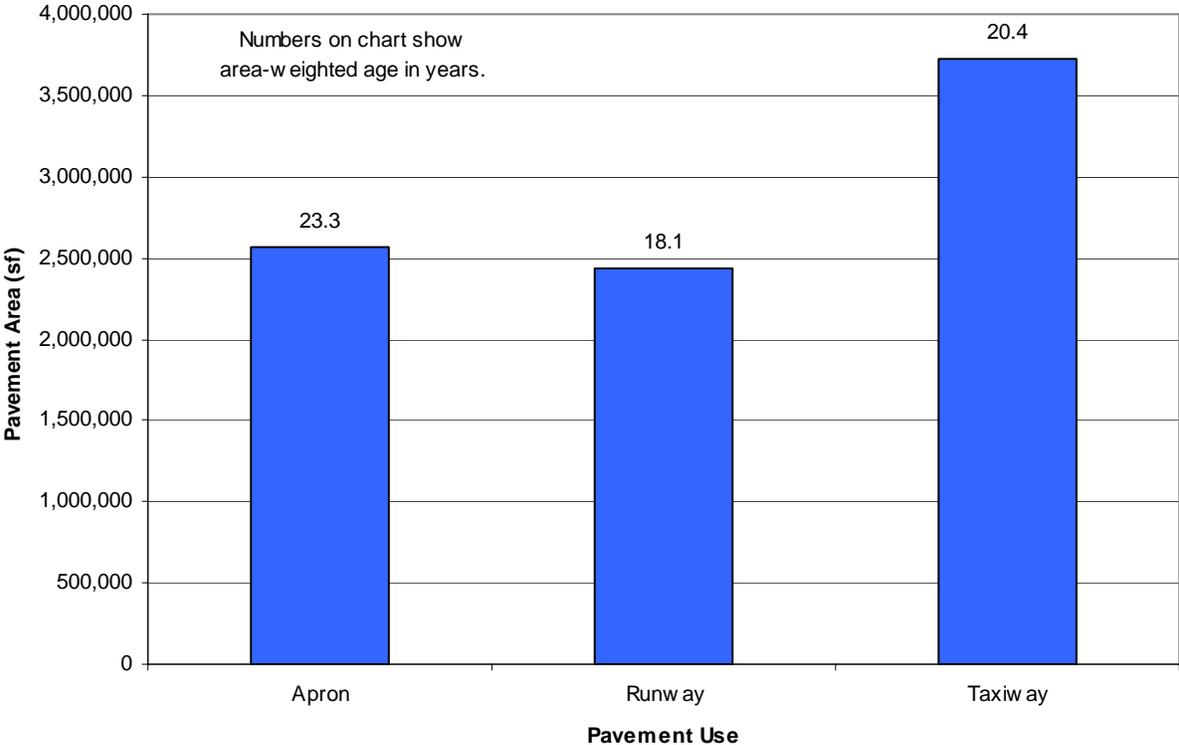


Figure 4. Pavement inventory.

Figure 5. Network definition map.
(11 x 17 except for very large airports that need larger map folded into a map sleeve)

Pavement Evaluation

The inspection of Savannah Hilton Head International Airport was completed on May 20-23, 2007 using the PCI procedure described earlier on pages 3 through 5. The map presented earlier in Figure 4 identifies the sample units inspected during the pavement evaluation.

Inspection Comments

Following are the field comments made by the pavement inspectors.

The inspection of Savannah Hilton Head International Airport was completed between May 20th and 23rd, 2007. Fifty pavement sections were defined during the inspection.

Runway 18-36

Runway 18-36 at Savannah Hilton Head International Airport consists of six pavement sections.

Section R1836SV-10C is in good condition with a PCI value of 86. Joint seal damage of all severity levels, medium and high-severity joint spalling, and low and high-severity patching were observed in this section.

Sections R1836SV-10E and R1836SV-10W are in poor condition with PCI values of 48 and 45, respectively. Substantial amounts of low-severity block cracking, medium-severity joint reflection cracking, low and medium-severity longitudinal and transverse (L&T) cracking, and low-severity raveling and weathering were among the distresses observed in these sections. Small amounts of low-severity swelling and high-severity joint reflection cracking were also identified.

Sections R1836SV-20C, R1836SV-20E and R1836SV-20W are in excellent condition with PCI values of 99, 96 and 99, respectively. Small amounts of patching, corner spalling and shrinkage cracking were identified in these sections.

Runway 9-27

Runway 9-27 consists of three pavement sections. Section R927SV-10C is in excellent condition with a PCI value of 95. Small amounts of joint spalling, patching, and shrinkage cracking were observed in this section. Additionally, medium-severity joint seal damage was identified in several areas in this section.

Sections R927SV-10N and R927SV-10S are in good condition, each having a PCI value of 80. Distresses observed in each of these sections included low and medium-severity L&T cracking and low-severity swelling. Additionally, low-severity rutting was identified in section R927SV-10N.

Taxiway A

Taxiway A is composed of six sections. Sections TASV-10, TASV-20, TASV-30, TASV-40, TASV-50, and TASV-60 are all in excellent condition with PCI values of 100, 98, 95, 90, 100, and 100, respectively. Sections TASV-10, TASV-50, and TASV-60 had no distresses. Sections TASV-20, TASV-30, and TASV-40 had small amounts of joint spalling, corner spalling and small patching. Low-severity joint seal damage was also observed in section TASV-40.

Taxiway A1 at Savannah Hilton Head International Airport is composed of a single pavement section. Section TA1SV-10 is in excellent condition with a PCI value of 99. A small number of medium-severity joint spalls were the only distresses observed in this section.

Taxiway A2 is composed of two pavement sections. Section TA2SV-10 is in satisfactory condition with a PCI value of 78. Low-severity joint seal damage, pumping, and low-severity small patching were recorded in this section.

Section TA2SV-20 is in good condition with a PCI value of 93. Distresses observed in this section include medium-severity blow-ups and low and medium-severity joint spalls and small patching.

Taxiway A3 consists of a single pavement section. Section TA3SV-10 is in fair condition with a PCI value of 74. Instances of pumping, shrinkage cracking, and low-severity faulting and small patching were observed in this section. Additionally, low-severity joint seal damage was identified.

Taxiway A4 consists of a single pavement section. Section TA4SV-10 is in excellent condition with a PCI value of 100. No distresses were observed in this section.

Taxiway B

Taxiway B is composed of two pavement sections. Section TBSV-10 is in poor condition with a PCI value of 43. Distresses observed in this section include low-severity alligator cracking, low-severity block cracking, low and medium-severity joint reflection cracking, low-severity L&T cracking, low-severity swelling, and bleeding. Additionally, a significant amount of low-severity rutting was identified.

Section TBSV-20 is in good condition with a PCI value of 93. Distresses observed in this section include medium-severity corner spalling, low and medium-severity joint spalling, all severities of patching, and low-severity scaling. Additionally, low-severity joint seal damage was identified in this section.

Taxiway B1 is composed of a single section. Section TB1SV-10 is in good condition with a PCI value of 90. Distresses observed in this section include medium-severity corner spalling, low and medium-severity joint spalling, patching at all severity levels, low-severity scaling, and low-severity joint seal damage.

Taxiway B2 consists of a single section. Section TB2SV-10 is in poor condition with a PCI value of 55. A significant quantity of both low and medium-severity block cracking was observed in this section. Additionally, substantial areas of low-severity swelling were identified.

Taxiway C

Taxiway C is composed of six sections. Sections TCSV-10, TCSV-20 and TCSV-50 are each in excellent condition with PCI values of 95, 100 and 100, respectively. Small quantities of corner spalling, patching, linear cracking and low-severity joint seal damage were observed in sections TCSV-10 and TCSV-20. No distresses were observed in section TCSV-50.

Sections TCSV-30 and TCSV-40 are each in good condition, each having a PCI value of 94. Quantities of high-severity corner spalling, medium-severity joint spalling, patching, and low and medium-severity joint seal damage were observed in these sections.

Section TCSV-60 is in good condition with a PCI value of 87. Distresses observed in this section include low-severity patching, medium-severity joint spalling, and high-severity joint seal damage.

Taxiway C1 consists of a single section. Section TC1SV-10 is in good condition with a PCI valued of 92. Medium-severity corner breaks, medium-severity joint spalling, and low and medium-severity patching were observed in this section. Low and medium-severity joint seal damage was also noted.

Taxiway C2 consists of a single section. Section TC2SV-10 is in satisfactory condition with a PCI value of 62. This section recently received a slurry seal. However, a significant amount of low-severity block cracking and L&T cracking was visible and was recorded. A significant amount of low-severity swelling was also identified.

Taxiway E

Taxiway E is composed of four sections. Section TESV-10 is in excellent condition with a PCI value of 97. Quantities of low-severity scaling and corner spalling were observed in this section. Shrinkage cracking and high-severity patching were also identified.

Section TESV-20 is in good condition with a PCI value of 90. Medium-severity corner spalling and low severity joint seal damage were observed in this section. Also, all severities of both small and large patching were identified.

Section TESV-30 is in good condition with a PCI value of 86. Small quantities of medium and high-severity joint spalling, high-severity patching, and both low and medium-severity joint seal damage were observed in this section.

Section TESV-40 is in excellent condition with a PCI value of 98. Small quantities of low-severity linear cracking and patching as well as medium-severity joint spalling were observed.

Taxiway E1 consists of a single section. Section TE1SV-10 is in poor condition with a PCI value of 54. Distresses observed in this section include low and high-severity corner breaks, corner spalling of all severity levels, medium and high-severity joint seal damage, medium-severity joint spalling, all severity levels of patching, low-severity linear cracking, and shrinkage cracking.

Taxiway E2 consists of a single section. Section TE2SV-10 is in excellent condition with a PCI value of 98. Small quantities of low-severity patching as well as high-severity corner spalling were observed in this section.

Taxiway F

Taxiway F consists of a single section. Section TFSV-10 is in excellent condition with a PCI value of 97. Small amounts of high-severity corner spalling, medium-severity joint spalling as well as both low and medium-severity patching were observed in this section.

Taxiway GA

Taxiway GA consists of a single section. Section TGASV-10 is in excellent condition with a PCI value of 100. No distresses were observed in this section.

Terminal Apron

The Terminal Apron area consists of three sections. Section ATERMSV-10 is in excellent condition with a PCI value of 96. Small quantities of low and medium-severity joint spalling and all severities of patching were observed. Additionally, pumping was noted in a number of the slabs in this section as well as low-severity joint seal damage.

Sections ATERMSV-20 and ATERMSV-30 are recently constructed pavements in excellent condition, each having a PCI value of 100. No distresses were observed in these sections.

Cargo Apron

The cargo apron area at Savannah Hilton Head International Airport consists of a single pavement section. Section ACARGOSV-10 is in excellent condition with a PCI value of 97. Small quantities of low-severity patching, linear cracking, and corner spalling were observed. Additionally, instances of medium-severity patching were recorded. Shrinkage cracking was also identified on a number of slabs.

Old Terminal and FBO Aprons

The old terminal apron area is composed of a single pavement section. Section AOLDTERMSV-10 is in good condition with a PCI value of 89. Distresses observed in this section include all severity levels of joint seal damage, all severity levels of small patching, low-severity corner spalling, medium-severity joint spalling, and shrinkage cracking.

The Savannah Air Center apron consists of a single pavement section. Section ASAVAIRSV-10 is in good condition with a PCI value of 91. Distresses observed in this section include all severity levels of joint seal damage, medium-severity corner spalling, medium-severity joint spalling, low-severity small and large patching, low-severity linear cracking, and shrinkage cracking.

The North Signature apron consists of two pavement sections. Section ASIGNORSV-10 is in poor condition with a PCI value of 30. A large quantity of low-severity block cracking, medium and high-severity joint reflective cracking, low and medium-severity raveling and weathering, and low and medium-severity L&T cracking was observed in this section. Additionally, low-severity swelling, depression, and bleeding were identified.

Section ASIGNORSV-20 is in poor condition with a PCI value of 45. Distresses observed in this section include low and medium-severity faulting, all severity levels of corner spalling, joint spalling, and shattered slabs, high-severity joint seal damage, medium-severity patching, low and medium-severity linear cracking, and shrinkage cracking.

The South Signature apron consists of two pavement sections. Section ASIGSTHSV-10 is in fair condition with a PCI value of 66. Distresses observed in this section include medium-severity corner breaks, medium and high-severity corner spalling, low and high-severity joint seal damage, medium and high-severity joint spalling, low and medium-severity linear cracking, low and high-severity patching, and shrinkage cracking.

Section ASIGSTHSV-20 is in poor condition with a PCI value of 52. Low-severity block cracking was observed throughout this section. Additionally, a substantial amount of low and medium-severity joint reflection cracking was observed.

Overall Pavement Condition

The 2007 area-weighted condition of Savannah Hilton Head International Airport is 88, with conditions ranging from 30 to 100 [on a scale of 0 (failed) to 100 (excellent)]. This compares to a 2001 PCI of 90.

Figures 6 and 7 provide graphs summarizing the overall condition of the pavements at Savannah Hilton Head International Airport. Figure 8 is a map that displays the condition of the pavements evaluated. Table 2 summarizes the results of the pavement evaluation and compares the 2001 conditions to the 2007 conditions.

Appendix B presents photographs taken during the PCI inspection, and Appendix C contains a detailed inspection report. The detailed inspection report provides information on the quantity of the different types and severities of distresses observed during the visual survey.

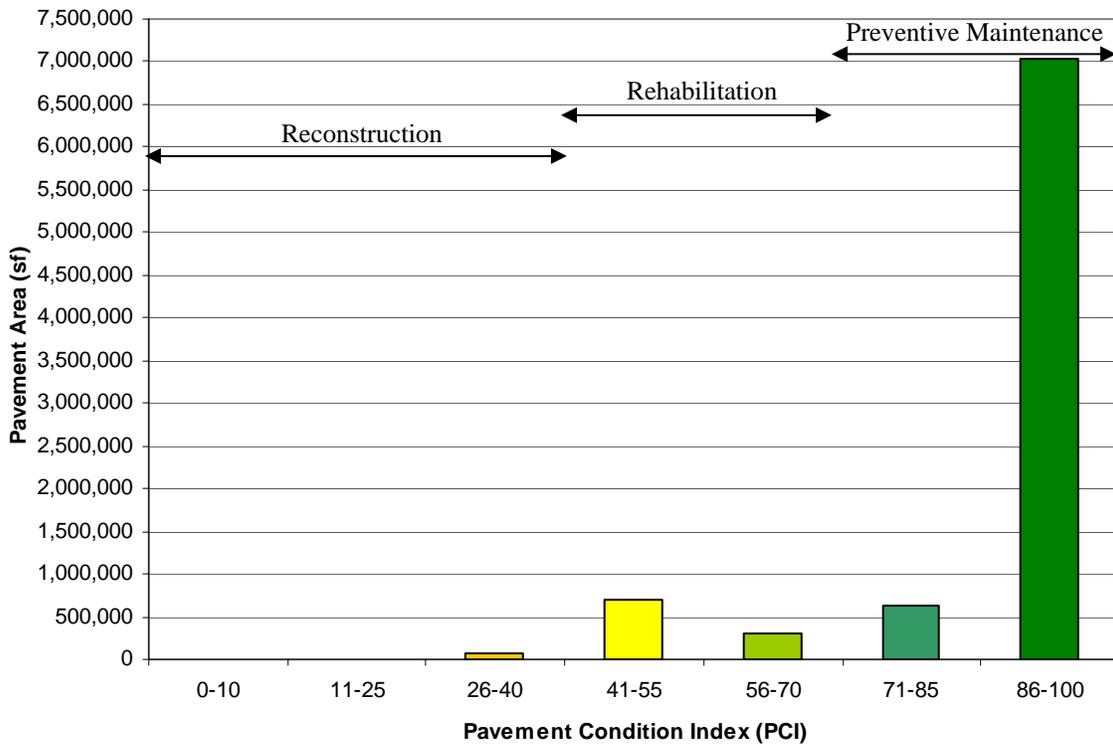


Figure 6. Condition distribution.

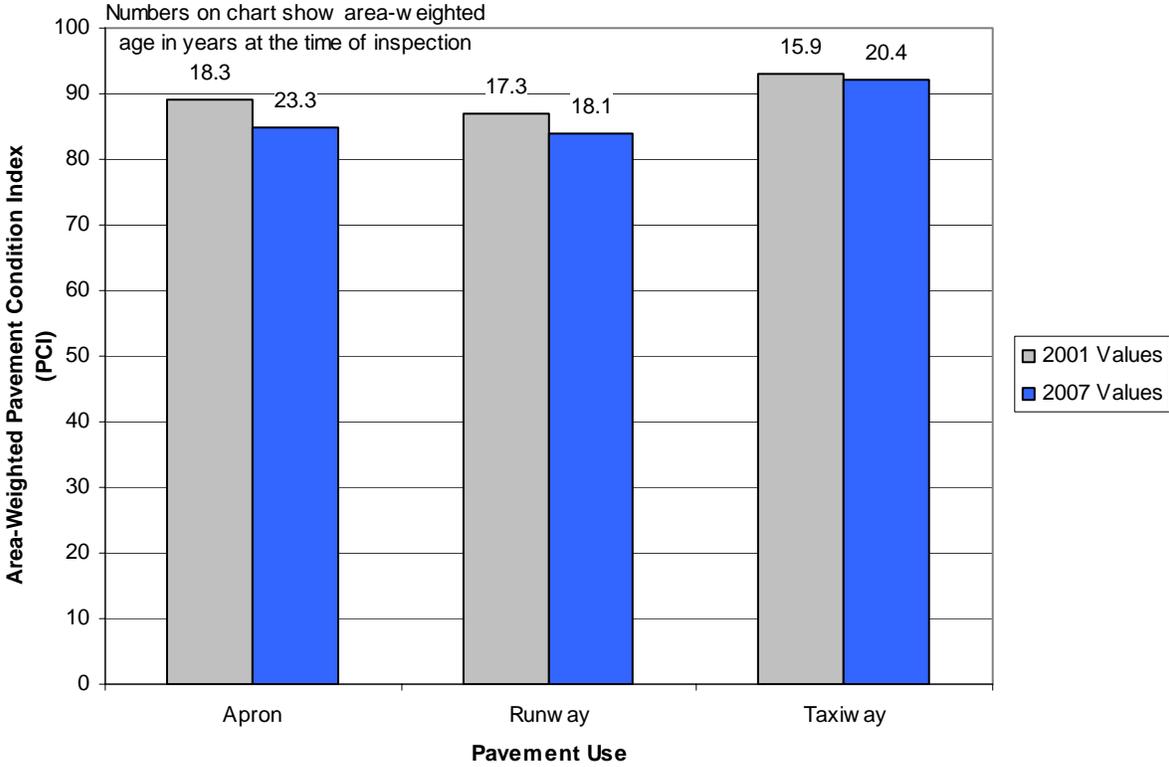


Figure 7. Condition by use.

Figure 8. PCI Map
(11 x 17)

Table 2. Pavement evaluation results.

Branch ¹	Section ¹	Surface Type ²	Section Area (sf)	LCD ³	2001 PCI	2007 PCI	% Distress due to:		Distress Types Present ⁶
							Load ⁴	Climate or Durability ⁵	
ACARGOSV	10	PCC	161,965	1/1/2002	100	97	48	0	Corner spalling, LTD cracking, Shrinkage cracking, Small patch
AOLDTERMSV	10	PCC	518,698	6/1/1985	92	89	0	81	Corner spalling, Joint seal damage, Joint spalling, Shrinkage cracking, Small patch
ASAVAIRSV	10	PCC	283,878	6/1/1988	97	91	4	79	Corner spalling, Joint seal damage, Joint spalling, Large patch/utility, LTD cracking, Shrinkage cracking, Small patch
ASIGNORSV	10	APC	75,285	6/1/1980	32	30	0	98	Bleeding, Block cracking, Depression, Joint reflection cracking, L&T Cracking, Swelling, Raveling & Weathering
ASIGNORSV	20	PCC	182,018	6/1/1940	47	45	39	11	Corner spalling, Faulting, Joint seal damage, Joint spalling, Large patch/utility, LTD cracking, Shattered slab, Shrinkage cracking, Small patch
ASIGSTHSV	10	PCC	207,249	6/1/1940	79	66	18	24	Corner break, Corner spalling, Joint seal damage, Joint spalling, Large patch/utility, LTD cracking, Shrinkage cracking, Small patch
ASIGSTHSV	20	APC	73,714	6/1/1980	42	52	0	100	Block cracking, Joint reflection cracking
ATERMSV	10	PCC	854,877	6/1/1994	99	96	0	20	Joint seal damage, Joint spalling, Large patch/utility, Pumping, Small patch
ATERMSV	20	PCC	108,831	1/1/2002	100	100	0	0	No distress
ATERMSV	30	PCC	102,536	1/1/2002	100	100	0	0	No distress
R1836SV	10C	PCC	547,724	6/1/1971	86	86	0	71	Joint seal damage, Joint spalling, Small patch
R1836SV	10E	APC	137,400	6/1/1971	49	48	0	98	Block cracking, Joint reflection cracking, L&T Cracking, Swelling, Raveling & Weathering

Table 2. Pavement evaluation results (continued).

Branch ¹	Section ¹	Surface Type ²	Section Area (sf)	LCD ³	2001 PCI	2007 PCI	% Distress due to:		Distress Types Present ⁶
							Load ⁴	Climate or Durability ⁵	
R1836SV	10W	APC	143,111	6/1/1971	46	45	0	98	Block cracking, Joint reflection cracking, L&T Cracking, Swelling, Raveling & Weathering
R1836SV	20C	PCC	56,432	6/1/1999	100	99	0	0	Shrinkage cracking, Small patch
R1836SV	20E	PCC	56,432	6/1/1999	100	96	0	0	Corner spalling
R1836SV	20W	PCC	56,432	6/1/1999	100	99	0	0	Corner spalling, Small patch
R927SV	10C	PCC	906,782	6/1/1998	100	95	0	49	Joint seal damage, Joint spalling, Large patch/utility, Shrinkage cracking, Small patch
R927SV	10N	APC	267,101	6/1/1998	90	80	27	67	L&T Cracking, Rutting, Swelling
R927SV	10S	APC	266,981	6/1/1998	89	80	0	94	L&T Cracking, Swelling
TA1SV	10	PCC	49,560	6/1/2001	100	99	0	0	Joint spalling
TA2SV	10	PCC	43,245	6/1/1994	83	78	0	8	Joint seal damage, Pumping, Small patch
TA2SV	20	PCC	77,292	6/1/1989	97	93	0	72	Blow-up, Joint spalling, Small patch
TA3SV	10	PCC	53,638	6/1/1994	86	74	0	6	Faulting, Joint seal damage, Pumping, Shrinkage cracking, Small patch
TA4SV	10	PCC	57,177	6/1/2001	100	100	0	0	No distress
TASV	10	PCC	31,418	6/1/2001	100	100	0	0	No distress
TASV	20	PCC	153,664	6/1/1989	97	98	0	0	Joint spalling, Small patch
TASV	30	PCC	60,556	6/1/1986	97	95	0	0	Corner spalling, Faulting, Joint spalling, Small patch
TASV	40	PCC	42,116	6/1/1983	92	90	0	13	Corner spalling, Joint seal damage, Joint spalling, Large patch/utility, Shrinkage cracking, Small patch
TASV	50	PCC	389,442	6/1/2001	100	100	0	0	No distress
TASV	60	PCC	60,591	6/1/2005	N/A	100	0	0	No distress

Table 2. Pavement evaluation results (continued).

Branch ¹	Section ¹	Surface Type ²	Section Area (sf)	LCD ³	2001 PCI	2007 PCI	% Distress due to:		Distress Types Present ⁶
							Load ⁴	Climate or Durability ⁵	
TB1SV	10	PCC	66,509	6/1/1971	91	90	0	13	Corner spalling, Joint seal damage, Joint spalling, Large patch/utility, Map Cracking/scaling/crazing, Small patch
TB2SV	10	AC	31,939	6/1/1971	55	55	0	69	Block cracking, Swelling
TBSV	10	APC	78,720	6/1/1971	73	43	29	26	Alligator cracking, Bleeding, Block cracking, Joint reflection cracking, L&T Cracking, Rutting, Swelling
TBSV	20	PCC	539,383	6/1/1971	89	93	0	15	Corner spalling, Joint seal damage, Joint spalling, Large patch/utility, Map Cracking/scaling/crazing, Small patch
TC1SV	10	PCC	33,139	6/1/1983	96	92	12	67	Corner break, Joint seal damage, Joint spalling, Small patch
TC2SV	10	AAC	93,614	6/1/1983	52	62	0	83	Block cracking, L&T Cracking, Swelling
TCSV	10	PCC	223,910	6/1/1988	99	95	11	21	Corner spalling, Joint seal damage, Large patch/utility, LTD cracking, Small patch
TCSV	20	PCC	235,668	6/1/1983	100	100	0	0	No distress
TCSV	30	PCC	45,106	6/1/1983	95	94	0	62	Corner spalling, Joint seal damage, Joint spalling, Small patch
TCSV	40	PCC	162,222	6/1/1971	89	94	0	26	Joint seal damage, Joint spalling, Large patch/utility, Small patch
TCSV	50	PCC	54,375	6/1/1999	100	100	0	0	No distress
TCSV	60	PCC	47,911	6/1/1971	93	87	0	89	Joint seal damage, Joint spalling, Small patch
TE1SV	10	PCC	50,075	6/1/1986	73	54	11	24	Corner break, Corner spalling, Joint seal damage, Joint spalling, Large patch/utility, LTD cracking, Shrinkage cracking, Small patch

Table 2. Pavement evaluation results (continued).

Branch ¹	Section ¹	Surface Type ²	Section Area (sf)	LCD ³	2001 PCI	2007 PCI	% Distress due to:		Distress Types Present ⁶
							Load ⁴	Climate or Durability ⁵	
TE2SV	10	PCC	64,639	6/1/1998	100	98	0	0	Corner spalling, Large patch/utility, Small patch
TESV	10	PCC	221,059	6/1/1989	100	97	0	0	Corner spalling, Map Cracking/scaling/crazing, Shrinkage cracking, Small patch
TESV	20	PCC	212,968	6/1/1986	98	90	0	10	Corner spalling, Joint seal damage, Large patch/utility, Small patch
TESV	30	PCC	98,100	6/1/1971	83	86	0	31	Corner spalling, Joint seal damage, Joint spalling, Large patch/utility, Small patch
TESV	40	PCC	284,912	6/1/1998	98	98	41	0	Joint spalling, LTD cracking, Small patch
TFSV	10	PCC	147,255	6/1/2002	100	97	0	0	Corner spalling, Joint spalling, Small patch
TGASV	10	PCC	11,357	6/1/2000	100	100	0	0	No distress

NOTES:

¹See Figure 5 for the location of the branch.

²AC - asphalt cement concrete; AAC - asphalt overlay on AC; PCC - portland cement concrete; APC - asphalt overlay on PCC.

³LCD = last construction date.

⁴Distress due to load includes distresses attributed to a structural deficiency in the pavement, such as alligator (fatigue) cracking, rutting, or shattered concrete slabs.

⁵Distress due to climate or durability includes those distresses attributed to either the aging of the pavement and the effects of the environment (such as weathering and raveling or block cracking in asphalt pavements) or to a materials-related problem (such as durability cracking in a concrete pavement).

⁶L & T CR = longitudinal and transverse cracking.

Maintenance and Rehabilitation Program

A 5-year maintenance and rehabilitation program was developed for Savannah Hilton Head International Airport as described on page 6 of this report.

A summary of the resultant program is presented in Table 3. Detailed information on the localized maintenance plan for 2008 is contained in Appendix E and Appendix F. While localized preventive maintenance should be an annual undertaking at Savannah Hilton Head International Airport, it is not possible to accurately predict the propagation of cracking and so on. The airport should budget for maintenance every year and can use the 2008 maintenance plan as a baseline for that work. As the pavements age, it can be assumed that the amount of localized maintenance required will increase.

Because an unlimited budget was used in the analysis, it is probable that the pavement repair program will need to be adjusted to take into account economic and/or operational constraints. Further, the identification of the need for a major rehabilitation project does not mean that federal or state funding will be available to complete the work in the year shown. It is important to remember that regardless of the recommendations presented within this report, Savannah Hilton Head International Airport is responsible for repairing pavements where existing conditions pose a hazard to safe operations.

Note that these recommendations are based upon a broad network level analysis and are meant to provide the Airport with an indication of the type of pavement-related work required during the next 5 years. Further engineering investigation will need to be performed to identify exactly which repair action is most appropriate and to more accurately estimate the cost of such work. In addition, the cost estimates provided were based on a statewide policy and each airport should adjust the maintenance policies and unit costs to match its own approach to pavement maintenance and to reflect local costs.

Table 3. 5-year program under an unlimited funding analysis scenario.

Branch¹	Section	Year	Type of Repair²	Estimated Cost³
ACARGOSV	10	2008	Preventive Maintenance	\$617
AOLDTERMSV	10	2008	Preventive Maintenance	\$259,261
ASAVAIRSV	10	2008	Preventive Maintenance	\$81,289
ASIGNORSV	10	2008	Major M&R	\$418,080
ASIGNORSV	20	2008	Major M&R	\$255,134
ASIGSTHSV	10	2008	Preventive Maintenance	\$66,646
ASIGSTHSV	20	2008	Major M&R	\$103,325
ATERMSV	10	2008	Preventive Maintenance	\$3,778
R1836SV	10C	2008	Preventive Maintenance	\$358,480
R1836SV	10E	2008	Major M&R	\$192,593
R1836SV	10W	2008	Major M&R	\$200,598
R1836SV	20C	2008	Preventive Maintenance	\$136
R1836SV	20E	2008	Preventive Maintenance	\$148
R1836SV	20W	2008	Preventive Maintenance	\$41
R927SV	10C	2008	Preventive Maintenance	\$21,490
TA1SV	10	2008	Preventive Maintenance	\$243
TA2SV	20	2008	Preventive Maintenance	\$24,820
TASV	20	2008	Preventive Maintenance	\$1,621
TASV	30	2008	Preventive Maintenance	\$1,054
TASV	40	2008	Preventive Maintenance	\$4,727
TB1SV	10	2008	Preventive Maintenance	\$16,534
TB2SV	10	2008	Major M&R	\$44,769
TBSV	10	2008	Major M&R	\$110,342
TBSV	20	2008	Preventive Maintenance	\$27,684
TC1SV	10	2008	Preventive Maintenance	\$7,326
TC2SV	10	2008	Major M&R	\$131,219
TCSV	10	2008	Preventive Maintenance	\$2,097
TCSV	30	2008	Preventive Maintenance	\$3,366
TCSV	40	2008	Preventive Maintenance	\$2,659
TCSV	60	2008	Preventive Maintenance	\$19,369
TE1SV	10	2008	Major M&R	\$70,190
TE2SV	10	2008	Preventive Maintenance	\$41
TESV	10	2008	Preventive Maintenance	\$669
TESV	20	2008	Preventive Maintenance	\$62,551
TESV	30	2008	Preventive Maintenance	\$49,055
TESV	40	2008	Preventive Maintenance	\$620
TFSV	10	2008	Preventive Maintenance	\$694
R927SV	10N	2010	Major M&R	\$428,644
R927SV	10S	2010	Major M&R	\$428,451
ASIGSTHSV	10	2011	Major M&R	\$355,876
ACARGOSV	10	2012	Preventive Maintenance	\$501
AOLDTERMSV	10	2012	Preventive Maintenance	\$341,538
ASAVAIRSV	10	2012	Preventive Maintenance	\$196,073
ATERMSV	10	2012	Preventive Maintenance	\$46,866
R1836SV	10C	2012	Preventive Maintenance	\$474,029

Table 3. 5-year program under an unlimited funding analysis scenario (continued).

Branch¹	Section	Year	Type of Repair²	Estimated Cost³
R927SV	10C	2012	Preventive Maintenance	\$22,816
TA2SV	10	2012	Preventive Maintenance	\$14,854
TA3SV	10	2012	Preventive Maintenance	\$18,349
TASV	40	2012	Preventive Maintenance	\$17,388
TB1SV	10	2012	Preventive Maintenance	\$27,524
TBSV	20	2012	Preventive Maintenance	\$204,481
TC1SV	10	2012	Preventive Maintenance	\$11,331
TCSV	10	2012	Preventive Maintenance	\$13,278
TCSV	30	2012	Preventive Maintenance	\$17,595
TCSV	40	2012	Preventive Maintenance	\$75,743
TCSV	60	2012	Preventive Maintenance	\$23,510
TESV	20	2012	Preventive Maintenance	\$12,582
TESV	30	2012	Preventive Maintenance	\$40,543
TESV	40	2012	Preventive Maintenance	\$442

¹See Figure 5 for the location of the branch.

²Major Rehabilitation: overlay, mill and overlay, reconstruction, and so on;

Localized Maintenance: crack sealing, patching, joint resealing, and so on;

Global Maintenance: surface treatments, rejuvenators, and so on.

³Cost estimates based on broad statewide policy and should be adjusted to reflect local costs.

SUMMARY

This report documents the results of the pavement evaluation conducted at Savannah Hilton Head International Airport. During a visual inspection of the pavements in 2007, it was found that the overall condition of the pavement network is a PCI of 88. A 5- year pavement repair program was generated for the Airport, which revealed that approximately \$5,315,681 needs to be expended on the pavement system in order to maintain and improve its condition.

APPENDIX A

CAUSE OF DISTRESS TABLES

Table A-1. Cause of pavement distress, asphalt-surfaced pavements.

Distress Type	Probable Cause of Distress	Feasible Maintenance Strategies
Alligator Cracking	Fatigue failure of the asphalt concrete surface under repeated traffic loading	If localized, partial- or full-depth asphalt patch. If extensive, major rehabilitation needed.
Bleeding	Excessive amounts of asphalt cement or tars in the mix and/or low air void content	Spread heated sand, roll, and sweep. Another option is to plane excess asphalt. Or, remove and replace.
Block Cracking	Shrinkage of the asphalt concrete and daily temperature cycling; it is not load associated	At low severity levels, crack seal and/or surface treatment. At higher severities, consider overlay.
Corrugation	Traffic action combined with an unstable pavement layer	If localized, mill. If extensive, remove and replace.
Depression	Settlement of the foundation soil or can be "built up" during construction	Patch.
Jet Blast	Bituminous binder has been burned or carbonized	Patch.
Joint Reflection	Movement of the concrete slab beneath the asphalt concrete surface because of thermal and moisture changes	At low and medium severities, crack seal. At higher severities, especially if extensive, consider overlay.
Longitudinal and Transverse Cracking	Cracks may be caused by 1) poorly constructed paving lane joint, 2) shrinkage of the AC surface due to low temperatures or hardening of the asphalt, or 3) reflective crack caused by cracks in an underlying PCC ¹ slab	At low and medium severity levels, crack seal. At higher severities, especially if extensive, consider overlay options.
Oil Spillage	Deterioration or softening of the pavement surface caused by the spilling of oil, fuel, or other solvents	Patch.
Patching	N/A	Replace patch if deteriorated.
Polished Aggregate	Repeated traffic applications	Aggregate seal coat is one option. Could also groove or mill. Overlay is another option.
Raveling and Weathering	Asphalt binder may have hardened significantly	Patch if isolated. If low-severity, consider surface treatment if extensive. At medium and high severity levels, consider major rehabilitation if extensive.
Rutting	Usually caused by consolidation or lateral movement of the materials due to traffic loads	Patch medium and high severity levels if localized. If extensive, consider major rehabilitation.
Shoving	Where PCC pavements adjoin flexible pavements, PCC "growth" may shove the asphalt pavement	Mill and patch as needed.
Slippage Cracking	Low strength surface mix or poor bond between the surface and next layer of pavement structure	Partial- or full-depth patch.
Swelling	Usually caused by frost action or by swelling soil	Patch if localized. Major rehabilitation if extensive.

Table A-2. Cause of pavement distress, portland cement concrete pavements.

Distress Type	Probable Cause of Distress	Feasible Maintenance Strategies
Blow-Up	Incompressibles in joints	Partial- or full-depth patch. Slab replacement.
Corner Break	Load repetition combined with loss of support and curling stresses	Seal cracks at low severity. Full-depth patch.
Cracks	Combination of load repetition, curling stresses, and shrinkage stresses	Seal cracks. At high severity, may need full-depth patch or slab replacement.
Durability Cracking	Concrete's inability to withstand environmental factors such as freeze-thaw cycles	Full-depth patch if present on small amount of slab. At higher severity levels, once it has appeared on most of slab, slab replacement.
Joint Seal Damage	Stripping of joint sealant, extrusion of joint sealant, weed growth, hardening of the filler (oxidation, loss of bond to the slab edges, or absence of sealant in joint)	Replace joint seal.
Patching (Small and Large)	N/A	Replace patches if deteriorated.
Popouts	Freeze-thaw action in combination with expansive aggregates	Monitor.
Pumping	Poor drainage, poor joint sealant	Seal cracks and joints. Underseal is an option if voids have developed. Establish good drainage.
Scaling	Overfinishing of concrete, deicing salts, improper construction, freeze-thaw cycles, poor aggregate, and alkali-silica reactivity	At low severity levels, do nothing. At medium and high severity levels, partial-depth patches or slab replacement.
Settlement	Upheaval or consolidation	At higher severity levels, leveling patch or grind to restore smooth ride.
Shattered Slab	Load repetition	Replace slab.
Shrinkage	Setting and curing of the concrete	Monitor.
Spalling (Joint and Corner)	Excessive stresses at the joint caused by infiltration of incompressible materials or traffic loads; weak concrete at joint combined with traffic loads	Partial-depth patch.

APPENDIX B

PHOTOGRAPHS



ACARGOSV-10. Overview.



AOLDTERM-10. Overview.



ASAVAIRSV-10. Overview.



ASIGNORSV-10. Overview.



ASIGNORSV-20. Overview.



ASIGSTHSV-10. Corner spall.



ASIGSTHSV-10. Overview.



ASIGSTHSV-20. Overview.



ATERMSV-20. Overview.



R1836SV-10C. Map cracking.



R1836SV-10C. Overview.



R1836SV-10E. Overview.



R1836SV-10W. Overview.



R1836SV-20C. Overview.



R1836SV-20E. Overview.



R1836SV-20W. Joint spall.



R1836SV-20W. Overview.



R927SV-10C. Overview.



R927SV-10N. Overview.



R927SV-10S. Overview.



TA1SV-10. Overview.



TA2SV-10. Overview.



TA2SV-10. Pumping.



TA2SV-20. Overview.



TA3SV-10. Overview.



TASV-40. Overview.



TASV-50. Overview.



TB1SV-10. Overview.



TB1SV-10. Small patch.



TB2SV-10. Overview.



TBSV-10. Bleeding.



TBSV-10. Overview.



TBSV-20. Overview.



TC1SV-10. Overview.



TC2SV-10. Overview.



TCSV-10. Overview.



TCSV-20. Overview.



TCSV-30. Overview.



TCSV-30. Joint seal damage.



TCSV-30. Overview.



TCSV-40. Overview.



TCSV-50. Overview.



TCSV-60. Overview.



TE1SV-10. Overview.



TE2SV-10. Overview.



TESV-20. Overview.



TESV-20. Small patch.



TESV-40. Overview.



TFSV-10. Overview.



TGASV-10. Overview.

APPENDIX C

INSPECTION REPORT

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: ACARGOSV Name: CARGO APRON Use: APRON Area: 161,965.00SqFt

Section: 10 of 1 From: SEE MAP To: SEE MAP Last Const.: 1/1/2002

Surface: PCC Family: 2007GAPCCAPRONCS Zone: Category: Rank: P

Area: 161,965.00SqFt Length: 330.00Ft Width: 580.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 5/20/2007 Total Samples: 12 Surveyed: 6

Conditions: PCI:97.00 |

Inspection Comments:

Sample Number: 01 Type: R Area: 20.00 Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 03 Type: R Area: 20.00 Count PCI = 97

Sample Comments:

66 SMALL PATCH M 1.00 Count Comments:

66 SMALL PATCH L 1.00 Count Comments:

Sample Number: 05 Type: R Area: 20.00 Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 07 Type: R Area: 24.00 Count PCI = 96

Sample Comments:

63 LINEAR CRACKING L 1.00 Count Comments:

Sample Number: 09 Type: R Area: 24.00 Count PCI = 94

Sample Comments:

63 LINEAR CRACKING L 1.00 Count Comments:

75 CORNER SPALLING L 1.00 Count Comments:

Sample Number: 11 Type: R Area: 24.00 Count PCI = 99

Sample Comments:

73 SHRINKAGE CRACKING N 2.00 Count Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: AOLDTERMSV Name: OLD TERMINAL APRON Use: APRON Area: 518,698.01SqFt

Section: 10 of 1 From: SEE MAP To: SEE MAP Last Const.: 6/1/1985
Surface: PCC Family: 2007GAPCCAPRONCS Zone: Category: Rank: P
Area: 518,698.01SqFt Length: 525.00Ft Width: 1,100.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/20/2007 Total Samples: 116 Surveyed: 12

Conditions: PCI:89.00 |

Inspection Comments:

Sample Number: 19 Type: R Area: 20.00 Count PCI = 85
Sample Comments:
75 CORNER SPALLING L 1.00 Count Comments:
65 JOINT SEAL DAMAGE H 20.00 Count Comments:
73 SHRINKAGE CRACKING N 1.00 Count Comments:

Sample Number: 24 Type: R Area: 20.00 Count PCI = 92
Sample Comments:
66 SMALL PATCH L 2.00 Count Comments:
65 JOINT SEAL DAMAGE M 20.00 Count Comments:

Sample Number: 30 Type: R Area: 20.00 Count PCI = 93
Sample Comments:
65 JOINT SEAL DAMAGE M 20.00 Count Comments:

Sample Number: 35 Type: R Area: 20.00 Count PCI = 82
Sample Comments:
65 JOINT SEAL DAMAGE H 20.00 Count Comments:
66 SMALL PATCH H 1.00 Count Comments:
66 SMALL PATCH L 1.00 Count Comments:

Sample Number: 43 Type: R Area: 20.00 Count PCI = 81
Sample Comments:
74 JOINT SPALLING M 1.00 Count Comments:
66 SMALL PATCH M 1.00 Count Comments:
65 JOINT SEAL DAMAGE H 20.00 Count Comments:

Sample Number: 48 Type: R Area: 20.00 Count PCI = 93
Sample Comments:
65 JOINT SEAL DAMAGE M 20.00 Count Comments:

Sample Number: 58 Type: R Area: 20.00 Count PCI = 98
Sample Comments:
65 JOINT SEAL DAMAGE L 20.00 Count Comments:

Sample Number: 63 Type: R Area: 20.00 Count PCI = 87
Sample Comments:
66 SMALL PATCH L 1.00 Count Comments:
65 JOINT SEAL DAMAGE H 20.00 Count Comments:

Sample Number: 67 Type: R Area: 20.00 Count PCI = 88
Sample Comments:
65 JOINT SEAL DAMAGE H 20.00 Count Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Sample Number: 72	Type: R	Area:	20.00	Count	PCI = 93
Sample Comments:					
65 JOINT SEAL DAMAGE		M	20.00	Count	Comments:

Sample Number: 86	Type: R	Area:	20.00	Count	PCI = 93
Sample Comments:					
65 JOINT SEAL DAMAGE		M	20.00	Count	Comments:

Sample Number: 91	Type: R	Area:	20.00	Count	PCI = 84
Sample Comments:					
65 JOINT SEAL DAMAGE		H	20.00	Count	Comments:
74 JOINT SPALLING		M	1.00	Count	Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: ASAVAIRSV Name: SAVANNAH AVIATION RAMP Use: APRON Area: 283,878.00SqFt

Section: 10 of 1 From: SEE MAP To: SEE MAP Last Const.: 6/1/1988

Surface: PCC Family: 2007GAPCCAPRONCS Zone: Category: Rank: P

Area: 283,878.00SqFt Length: 300.00Ft Width: 1,000.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 5/20/2007 Total Samples: 68 Surveyed: 9

Conditions: PCI:91.00 |

Inspection Comments:

Sample Number: 03 Type: R Area: 20.00 Count PCI = 88

Sample Comments:

66 SMALL PATCH L 3.00 Count Comments:

65 JOINT SEAL DAMAGE L 20.00 Count Comments:

74 JOINT SPALLING M 1.00 Count Comments:

75 CORNER SPALLING M 1.00 Count Comments:

Sample Number: 17 Type: R Area: 20.00 Count PCI = 86

Sample Comments:

65 JOINT SEAL DAMAGE L 20.00 Count Comments:

65 JOINT SEAL DAMAGE H 20.00 Count Comments:

Sample Number: 21 Type: R Area: 20.00 Count PCI = 91

Sample Comments:

66 SMALL PATCH L 3.00 Count Comments:

65 JOINT SEAL DAMAGE M 20.00 Count Comments:

Sample Number: 28 Type: R Area: 20.00 Count PCI = 94

Sample Comments:

67 LARGE PATCH/UTILITY L 1.00 Count Comments:

66 SMALL PATCH L 1.00 Count Comments:

65 JOINT SEAL DAMAGE L 20.00 Count Comments:

Sample Number: 32 Type: R Area: 20.00 Count PCI = 97

Sample Comments:

66 SMALL PATCH L 1.00 Count Comments:

65 JOINT SEAL DAMAGE L 20.00 Count Comments:

Sample Number: 38 Type: R Area: 20.00 Count PCI = 86

Sample Comments:

65 JOINT SEAL DAMAGE M 20.00 Count Comments:

63 LINEAR CRACKING L 1.00 Count Comments:

66 SMALL PATCH L 3.00 Count Comments:

Sample Number: 42 Type: R Area: 20.00 Count PCI = 94

Sample Comments:

66 SMALL PATCH L 2.00 Count Comments:

67 LARGE PATCH/UTILITY L 1.00 Count Comments:

65 JOINT SEAL DAMAGE L 20.00 Count Comments:

Sample Number: 52 Type: R Area: 20.00 Count PCI = 92

Sample Comments:

66 SMALL PATCH L 2.00 Count Comments:

65 JOINT SEAL DAMAGE M 20.00 Count Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Sample Number: 56	Type: R	Area:	20.00	Count	PCI = 86
Sample Comments:					
66	SMALL PATCH	L	2.00	Count	Comments:
73	SHRINKAGE CRACKING	N	1.00	Count	Comments:
63	LINEAR CRACKING	L	1.00	Count	Comments:
65	JOINT SEAL DAMAGE	M	20.00	Count	Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: ASIGNORSV Name: NORTH SIGNATURE APRON Use: APRON Area: 257,303.00SqFt

Section: 10 of 2 From: SEE MAP To: SEE MAP Last Const.: 6/1/1980

Surface: APC Family: 2007GAAPCAPRONCS Zone: Category: Rank: P

Area: 75,285.00SqFt Length: 650.00Ft Width: 100.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 5/20/2007 Total Samples: 19 Surveyed: 5

Conditions: PCI:30.00 |

Inspection Comments:

Sample Number: 03 Type: R Area: 3,350.00SqFt PCI = 21

Sample Comments:

47 JOINT REFLECTION CRACKING M 347.09 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 26.01 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 696.18 Ft Comments:

52 WEATHERING/RAVELING M 3,349.97 SqFt Comments:

Sample Number: 05 Type: R Area: 3,350.00SqFt PCI = 23

Sample Comments:

43 BLOCK CRACKING L 2,583.98 SqFt Comments:

47 JOINT REFLECTION CRACKING M 336.09 Ft Comments:

52 WEATHERING/RAVELING M 3,349.97 SqFt Comments:

Sample Number: 09 Type: R Area: 5,000.00SqFt PCI = 39

Sample Comments:

42 BLEEDING N 5.00 SqFt Comments:

45 DEPRESSION L 5.00 SqFt Comments:

47 JOINT REFLECTION CRACKING H 165.04 Ft Comments:

47 JOINT REFLECTION CRACKING M 374.10 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 480.12 Ft Comments:

52 WEATHERING/RAVELING L 4,999.96 SqFt Comments:

Sample Number: 13 Type: R Area: 5,000.00SqFt PCI = 34

Sample Comments:

47 JOINT REFLECTION CRACKING H 165.04 Ft Comments:

47 JOINT REFLECTION CRACKING M 369.09 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 398.10 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 89.02 Ft Comments:

52 WEATHERING/RAVELING L 4,999.96 SqFt Comments:

56 SWELLING L 72.00 SqFt Comments:

Sample Number: 17 Type: R Area: 5,000.00SqFt PCI = 30

Sample Comments:

43 BLOCK CRACKING L 578.00 SqFt Comments:

47 JOINT REFLECTION CRACKING H 165.04 Ft Comments:

47 JOINT REFLECTION CRACKING M 413.11 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 172.04 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 21.01 Ft Comments:

52 WEATHERING/RAVELING L 4,999.96 SqFt Comments:

56 SWELLING L 94.00 SqFt Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: ASIGNORSV Name: NORTH SIGNATURE APRON Use: APRON Area: 257,303.00SqFt

Section: 20 of 2 From: SEE MAP To: SEE MAP Last Const.: 6/1/1940

Surface: PCC Family: 2007GAPCCAPRONCS Zone: Category: Rank: P

Area: 182,018.00SqFt Length: 600.00Ft Width: 300.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 5/20/2007 Total Samples: 36 Surveyed: 8

Conditions: PCI:45.00 |

Inspection Comments:

Sample Number: 03 Type: R Area: 15.00 Count PCI = 67

Sample Comments:

65 JOINT SEAL DAMAGE	H	15.00	Count	Comments:
71 FAULTING	L	1.00	Count	Comments:
73 SHRINKAGE CRACKING	N	1.00	Count	Comments:
74 JOINT SPALLING	M	1.00	Count	Comments:
75 CORNER SPALLING	M	1.00	Count	Comments:
75 CORNER SPALLING	H	2.00	Count	Comments:

Sample Number: 07 Type: R Area: 20.00 Count PCI = 44

Sample Comments:

63 LINEAR CRACKING	M	1.00	Count	Comments:
65 JOINT SEAL DAMAGE	H	20.00	Count	Comments:
66 SMALL PATCH	L	1.00	Count	Comments:
66 SMALL PATCH	M	1.00	Count	Comments:
71 FAULTING	L	1.00	Count	Comments:
73 SHRINKAGE CRACKING	N	8.00	Count	Comments:
74 JOINT SPALLING	H	1.00	Count	Comments:
74 JOINT SPALLING	M	1.00	Count	Comments:
75 CORNER SPALLING	L	1.00	Count	Comments:
75 CORNER SPALLING	H	3.00	Count	Comments:
75 CORNER SPALLING	M	3.00	Count	Comments:
63 LINEAR CRACKING	M	1.00	Count	Comments:

Sample Number: 09 Type: R Area: 20.00 Count PCI = 50

Sample Comments:

63 LINEAR CRACKING	M	1.00	Count	Comments:
65 JOINT SEAL DAMAGE	H	20.00	Count	Comments:
66 SMALL PATCH	L	1.00	Count	Comments:
66 SMALL PATCH	M	1.00	Count	Comments:
71 FAULTING	L	1.00	Count	Comments:
73 SHRINKAGE CRACKING	N	1.00	Count	Comments:
74 JOINT SPALLING	H	1.00	Count	Comments:
74 JOINT SPALLING	M	1.00	Count	Comments:
75 CORNER SPALLING	L	1.00	Count	Comments:
75 CORNER SPALLING	H	3.00	Count	Comments:
75 CORNER SPALLING	M	3.00	Count	Comments:

Sample Number: 13 Type: R Area: 20.00 Count PCI = 59

Sample Comments:

63 LINEAR CRACKING	M	1.00	Count	Comments:
65 JOINT SEAL DAMAGE	H	20.00	Count	Comments:
66 SMALL PATCH	L	1.00	Count	Comments:
73 SHRINKAGE CRACKING	N	7.00	Count	Comments:
74 JOINT SPALLING	M	1.00	Count	Comments:

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Site Name:

75 CORNER SPALLING	H	2.00	Count	Comments:
75 CORNER SPALLING	L	2.00	Count	Comments:
75 CORNER SPALLING	M	2.00	Count	Comments:

Sample Number: 21 Type: R Area: 20.00Count PCI = 44

Sample Comments:

63 LINEAR CRACKING	L	3.00	Count	Comments:
65 JOINT SEAL DAMAGE	H	20.00	Count	Comments:
66 SMALL PATCH	M	1.00	Count	Comments:
72 SHATTERED SLAB	L	1.00	Count	Comments:
73 SHRINKAGE CRACKING	N	2.00	Count	Comments:
74 JOINT SPALLING	M	1.00	Count	Comments:
74 JOINT SPALLING	H	3.00	Count	Comments:
75 CORNER SPALLING	H	1.00	Count	Comments:
75 CORNER SPALLING	M	1.00	Count	Comments:

Sample Number: 23 Type: R Area: 16.00Count PCI = 40

Sample Comments:

63 LINEAR CRACKING	L	1.00	Count	Comments:
65 JOINT SEAL DAMAGE	H	16.00	Count	Comments:
66 SMALL PATCH	M	6.00	Count	Comments:
67 LARGE PATCH/UTILITY	M	1.00	Count	Comments:
71 FAULTING	L	1.00	Count	Comments:
71 FAULTING	M	2.00	Count	Comments:
72 SHATTERED SLAB	M	1.00	Count	Comments:
73 SHRINKAGE CRACKING	N	1.00	Count	Comments:

Sample Number: 25 Type: R Area: 16.00Count PCI = 24

Sample Comments:

63 LINEAR CRACKING	L	1.00	Count	Comments:
63 LINEAR CRACKING	M	7.00	Count	Comments:
65 JOINT SEAL DAMAGE	H	16.00	Count	Comments:
71 FAULTING	M	4.00	Count	Comments:
72 SHATTERED SLAB	L	1.00	Count	Comments:
73 SHRINKAGE CRACKING	N	4.00	Count	Comments:
75 CORNER SPALLING	H	1.00	Count	Comments:
75 CORNER SPALLING	M	1.00	Count	Comments:

Sample Number: 30 Type: R Area: 16.00Count PCI = 34

Sample Comments:

63 LINEAR CRACKING	M	1.00	Count	Comments:
65 JOINT SEAL DAMAGE	H	16.00	Count	Comments:
72 SHATTERED SLAB	H	1.00	Count	Comments:
73 SHRINKAGE CRACKING	N	8.00	Count	Comments:
74 JOINT SPALLING	H	1.00	Count	Comments:
74 JOINT SPALLING	L	1.00	Count	Comments:
75 CORNER SPALLING	L	1.00	Count	Comments:
75 CORNER SPALLING	M	1.00	Count	Comments:
75 CORNER SPALLING	H	3.00	Count	Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: ASIGSTHSV Name: SOUTH SIGNATURE APRON Use: APRON Area: 280,963.00SqFt

Section: 10 of 2 From: SEE MAP To: SEE MAP Last Const.: 6/1/1940
Surface: PCC Family: 2007GAPCCAPRONCS Zone: Category: Rank: P
Area: 207,249.00SqFt Length: 1,000.00Ft Width: 100.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/20/2007 Total Samples: 22 Surveyed: 8

Conditions: PCI:66.00 |

Inspection Comments:

Sample Number: 03 Type: R Area: 20.00 Count PCI = 68

Sample Comments:

65 JOINT SEAL DAMAGE	H	20.00	Count	Comments:
74 JOINT SPALLING	M	4.00	Count	Comments:
75 CORNER SPALLING	H	4.00	Count	Comments:
66 SMALL PATCH	L	1.00	Count	Comments:

Sample Number: 06 Type: R Area: 20.00 Count PCI = 75

Sample Comments:

74 JOINT SPALLING	M	2.00	Count	Comments:
63 LINEAR CRACKING	M	1.00	Count	Comments:
65 JOINT SEAL DAMAGE	L	20.00	Count	Comments:
65 JOINT SEAL DAMAGE	H	20.00	Count	Comments:

Sample Number: 09 Type: R Area: 20.00 Count PCI = 54

Sample Comments:

73 SHRINKAGE CRACKING	N	1.00	Count	Comments:
63 LINEAR CRACKING	M	4.00	Count	Comments:
62 CORNER BREAK	M	1.00	Count	Comments:
73 SHRINKAGE CRACKING	N	2.00	Count	Comments:
63 LINEAR CRACKING	L	2.00	Count	Comments:
65 JOINT SEAL DAMAGE	H	20.00	Count	Comments:

Sample Number: 14 Type: R Area: 28.00 Count PCI = 66

Sample Comments:

74 JOINT SPALLING	M	9.00	Count	Comments:
74 JOINT SPALLING	H	1.00	Count	Comments:
75 CORNER SPALLING	H	1.00	Count	Comments:
65 JOINT SEAL DAMAGE	H	28.00	Count	Comments:

Sample Number: 17 Type: R Area: 21.00 Count PCI = 61

Sample Comments:

74 JOINT SPALLING	M	5.00	Count	Comments:
75 CORNER SPALLING	H	1.00	Count	Comments:
74 JOINT SPALLING	H	1.00	Count	Comments:
66 SMALL PATCH	H	1.00	Count	Comments:
74 JOINT SPALLING	M	1.00	Count	Comments:
65 JOINT SEAL DAMAGE	H	21.00	Count	Comments:

Sample Number: 24 Type: R Area: 15.00 Count PCI = 73

Sample Comments:

75 CORNER SPALLING	M	1.00	Count	Comments:
74 JOINT SPALLING	H	1.00	Count	Comments:
65 JOINT SEAL DAMAGE	H	15.00	Count	Comments:

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Site Name:

Sample Number: 26	Type: R	Area:	24.00	Count	PCI = 65
Sample Comments:					
67	LARGE PATCH/UTILITY	H	1.00	Count	Comments:
66	SMALL PATCH	H	4.00	Count	Comments:
74	JOINT SPALLING	M	1.00	Count	Comments:
65	JOINT SEAL DAMAGE	H	24.00	Count	Comments:

Sample Number: 28	Type: R	Area:	24.00	Count	PCI = 64
Sample Comments:					
74	JOINT SPALLING	M	2.00	Count	Comments:
74	JOINT SPALLING	H	2.00	Count	Comments:
75	CORNER SPALLING	H	1.00	Count	Comments:
75	CORNER SPALLING	M	1.00	Count	Comments:
65	JOINT SEAL DAMAGE	H	24.00	Count	Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: ASIGSTHSV Name: SOUTH SIGNATURE APRON Use: APRON Area: 280,963.00SqFt

Section: 20 of 2 From: SEE MAP To: SEE MAP Last Const.: 6/1/1980

Surface: APC Family: 2007GAAPCAPRONCS Zone: Category: Rank: P

Area: 73,714.00SqFt Length: 750.00Ft Width: 100.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 5/20/2007 Total Samples: 15 Surveyed: 5

Conditions: PCI:52.00 |

Inspection Comments:

Sample Number: 03 Type: R Area: 5,000.00SqFt PCI = 51

Sample Comments:

47 JOINT REFLECTION CRACKING M 400.10 Ft Comments:

47 JOINT REFLECTION CRACKING L 150.04 Ft Comments:

43 BLOCK CRACKING L 3,999.97 SqFt Comments:

Sample Number: 06 Type: R Area: 5,000.00SqFt PCI = 56

Sample Comments:

47 JOINT REFLECTION CRACKING M 400.10 Ft Comments:

47 JOINT REFLECTION CRACKING L 150.04 Ft Comments:

43 BLOCK CRACKING L 150.04 SqFt Comments:

Sample Number: 09 Type: R Area: 5,000.00SqFt PCI = 51

Sample Comments:

47 JOINT REFLECTION CRACKING M 550.14 Ft Comments:

43 BLOCK CRACKING L 3,999.97 SqFt Comments:

Sample Number: 12 Type: R Area: 5,000.00SqFt PCI = 51

Sample Comments:

47 JOINT REFLECTION CRACKING M 550.28 Ft Comments:

43 BLOCK CRACKING L 3,999.97 SqFt Comments:

Sample Number: 15 Type: R Area: 5,000.00SqFt PCI = 51

Sample Comments:

47 JOINT REFLECTION CRACKING M 550.14 Ft Comments:

43 BLOCK CRACKING L 3,999.97 SqFt Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: ATERMSV Name: TERMINAL APRON Use: APRON Area: 1,066,244.00SqFt

Section: 10 of 3 From: SEE MAP To: SEE MAP Last Const.: 6/1/1994
Surface: PCC Family: 2007GAPCCAPRONCS Zone: Category: Rank: P
Area: 854,877.00SqFt Length: 900.00Ft Width: 1,000.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/23/2007 Total Samples: 193 Surveyed: 15

Conditions: PCI:96.00 |

Inspection Comments:

Sample Number: 03 Type: R Area: 20.00 Count PCI = 100

Sample Comments:
<NO DISTRESSES>

Sample Number: 27 Type: R Area: 20.00 Count PCI = 100

Sample Comments:
<NO DISTRESSES>

Sample Number: 35 Type: R Area: 20.00 Count PCI = 100

Sample Comments:
<NO DISTRESSES>

Sample Number: 48 Type: R Area: 20.00 Count PCI = 100

Sample Comments:
<NO DISTRESSES>

Sample Number: 55 Type: R Area: 20.00 Count PCI = 100

Sample Comments:
<NO DISTRESSES>

Sample Number: 67 Type: R Area: 20.00 Count PCI = 99

Sample Comments:
66 SMALL PATCH L 1.00 Count Comments:

Sample Number: 106 Type: R Area: 20.00 Count PCI = 97

Sample Comments:
66 SMALL PATCH M 1.00 Count Comments:

Sample Number: 116 Type: R Area: 20.00 Count PCI = 99

Sample Comments:
66 SMALL PATCH L 1.00 Count Comments:

Sample Number: 124 Type: R Area: 20.00 Count PCI = 99

Sample Comments:
66 SMALL PATCH L 1.00 Count Comments:

Sample Number: 137 Type: R Area: 20.00 Count PCI = 100

Sample Comments:
<NO DISTRESSES>

Sample Number: 144 Type: R Area: 20.00 Count PCI = 100

Sample Comments:
<NO DISTRESSES>

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GA2007

Report Generated Date: 1/8/2008

Site Name:

Sample Number: 156	Type: R	Area:	20.00	Count	PCI = 98
Sample Comments:					
74 JOINT SPALLING		L	1.00	Count	Comments:

Sample Number: 172	Type: R	Area:	24.00	Count	PCI = 100
Sample Comments:					
<NO DISTRESSES>					

Sample Number: 183	Type: R	Area:	18.00	Count	PCI = 86
Sample Comments:					
67 LARGE PATCH/UTILITY		L	2.00	Count	Comments:
66 SMALL PATCH		L	1.00	Count	Comments:
74 JOINT SPALLING		M	1.00	Count	Comments:
65 JOINT SEAL DAMAGE		L	18.00	Count	Comments:

Sample Number: 191	Type: R	Area:	18.00	Count	PCI = 55
Sample Comments:					
69 PUMPING		N	9.00	Count	Comments:
65 JOINT SEAL DAMAGE		L	18.00	Count	Comments:
66 SMALL PATCH		H	1.00	Count	Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: ATERMSV Name: TERMINAL APRON Use: APRON Area: 1,066,244.00SqFt

Section: 20 of 3 From: SEE MAP To: SEE MAP Last Const.: 1/1/2002

Surface: PCC Family: 2007GAPCCAPRONCS Zone: Category: Rank: P

Area: 108,831.00SqFt Length: 360.00Ft Width: 300.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 5/23/2007 Total Samples: 29 Surveyed: 8

Conditions: PCI:100.00 |

Inspection Comments:

Sample Number: 02 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 04 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 08 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 10 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 14 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 16 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 20 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 22 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: ATERMSV Name: TERMINAL APRON Use: APRON Area: 1,066,244.00SqFt

Section: 30 of 3 From: SEE MAP To: SEE MAP Last Const.: 1/1/2002

Surface: PCC Family: 2007GAPCCAPRONCS Zone: Category: Rank: P

Area: 102,536.00SqFt Length: 345.00Ft Width: 300.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 5/23/2007 Total Samples: 26 Surveyed: 7

Conditions: PCI:100.00 |

Inspection Comments:

Sample Number: 02 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 04 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 08 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 10 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 14 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 19 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 22 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: R1836SV Name: RUNWAY 18/36 Use: RUNWAY Area: 997,531.00SqFt

Section: 10C of 6 From: APPROACH END 18 To: END OF RW 36 Last Const.: 6/1/1971
Surface: PCC Family: 2007GAPCCRWCYCS75 Zone: Category: Rank: P
Area: 547,724.00SqFt Length: 5,520.00Ft Width: 150.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/23/2007 Total Samples: 108 Surveyed: 11

Conditions: PCI:86.00 |

Inspection Comments:

Sample Number: 03 Type: R Area: 18.00 Count PCI = 87

Sample Comments:

74 JOINT SPALLING M 2.00 Count Comments:
65 JOINT SEAL DAMAGE M 18.00 Count Comments:

Sample Number: 12 Type: R Area: 24.00 Count PCI = 88

Sample Comments:

65 JOINT SEAL DAMAGE H 24.00 Count Comments:

Sample Number: 22 Type: R Area: 24.00 Count PCI = 88

Sample Comments:

65 JOINT SEAL DAMAGE H 24.00 Count Comments:

Sample Number: 34 Type: R Area: 24.00 Count PCI = 86

Sample Comments:

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

Sample Number: 47 Type: R Area: 21.00 Count PCI = 83

Sample Comments:

74 JOINT SPALLING M 1.00 Count Comments:
66 SMALL PATCH L 1.00 Count Comments:
65 JOINT SEAL DAMAGE H 21.00 Count Comments:

Sample Number: 51 Type: R Area: 24.00 Count PCI = 79

Sample Comments:

66 SMALL PATCH L 4.00 Count Comments:
65 JOINT SEAL DAMAGE H 24.00 Count Comments:
74 JOINT SPALLING H 1.00 Count Comments:

Sample Number: 61 Type: R Area: 24.00 Count PCI = 79

Sample Comments:

66 SMALL PATCH H 1.00 Count Comments:
74 JOINT SPALLING M 1.00 Count Comments:
65 JOINT SEAL DAMAGE H 24.00 Count Comments:

Sample Number: 73 Type: R Area: 21.00 Count PCI = 93

Sample Comments:

65 JOINT SEAL DAMAGE M 21.00 Count Comments:

Sample Number: 84 Type: R Area: 24.00 Count PCI = 83

Sample Comments:

66 SMALL PATCH L 1.00 Count Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

74 JOINT SPALLING	M	2.00	Count	Comments:
65 JOINT SEAL DAMAGE	H	24.00	Count	Comments:

Sample Number: 95 Type: R Area: 24.00Count PCI = 93

Sample Comments:

65 JOINT SEAL DAMAGE	M	24.00	Count	Comments:
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Sample Number: 112 Type: R Area: 24.00Count PCI = 84

Sample Comments:

74 JOINT SPALLING	M	1.00	Count	Comments:
66 SMALL PATCH	L	1.00	Count	Comments:
74 JOINT SPALLING	H	1.00	Count	Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: R1836SV Name: RUNWAY 18/36 Use: RUNWAY Area: 997,531.00SqFt

Section: 10E of 6 From: APPROACH END 18 To: END OF RW 36 (INTERVALS) Last Const.: 6/1/1971

Surface: APC Family: 2007GAAPCRWYCS75 Zone: Category: Rank: P

Area: 137,400.00SqFt Length: 3,800.00Ft Width: 37.50Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 5/23/2007 Total Samples: 25 Surveyed: 6

Conditions: PCI:48.00 |

Inspection Comments:

Sample Number: 02 Type: R Area: 5,625.00SqFt PCI = 42

Sample Comments:

47 JOINT REFLECTION CRACKING	M	578.15 Ft	Comments:
47 JOINT REFLECTION CRACKING	H	2.00 Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	198.05 Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	115.03 Ft	Comments:
56 SWELLING	L	72.00 SqFt	Comments:
43 BLOCK CRACKING	L	629.99 SqFt	Comments:

Sample Number: 06 Type: R Area: 5,625.00SqFt PCI = 46

Sample Comments:

47 JOINT REFLECTION CRACKING	M	495.13 Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	58.01 Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	121.03 Ft	Comments:
43 BLOCK CRACKING	L	1,349.99 SqFt	Comments:
56 SWELLING	L	70.00 SqFt	Comments:

Sample Number: 10 Type: R Area: 5,625.00SqFt PCI = 50

Sample Comments:

43 BLOCK CRACKING	L	5,624.95 SqFt	Comments:
47 JOINT REFLECTION CRACKING	M	577.15 Ft	Comments:

Sample Number: 14 Type: R Area: 5,625.00SqFt PCI = 49

Sample Comments:

52 WEATHERING/RAVELING	L	621.99 SqFt	Comments:
43 BLOCK CRACKING	L	1,799.99 SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	348.09 Ft	Comments:
47 JOINT REFLECTION CRACKING	M	413.11 Ft	Comments:
56 SWELLING	L	11.00 SqFt	Comments:

Sample Number: 20 Type: R Area: 5,625.00SqFt PCI = 52

Sample Comments:

47 JOINT REFLECTION CRACKING	M	578.15 Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	648.17 Ft	Comments:
52 WEATHERING/RAVELING	L	621.99 SqFt	Comments:

Sample Number: 24 Type: R Area: 5,625.00SqFt PCI = 47

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	184.05 Ft	Comments:
47 JOINT REFLECTION CRACKING	M	578.15 Ft	Comments:
43 BLOCK CRACKING	L	1,799.99 SqFt	Comments:
52 WEATHERING/RAVELING	L	621.99 SqFt	Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: R1836SV Name: RUNWAY 18/36 Use: RUNWAY Area: 997,531.00SqFt

Section: 10W of 6 From: APPROACH END 18 To: RW END 36 (INTERVALS) Last Const.: 6/1/1971

Surface: APC Family: 2007GAAPCRWYCS75 Zone: Category: Rank: P

Area: 143,111.00SqFt Length: 3,800.00Ft Width: 37.50Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 5/23/2007 Total Samples: 26 Surveyed: 6

Conditions: PCI:45.00 |

Inspection Comments:

Sample Number: 03 Type: R Area: 5,625.00SqFt PCI = 47

Sample Comments:

47 JOINT REFLECTION CRACKING M 743.19 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 233.06 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 83.02 Ft Comments:

56 SWELLING L 35.00 SqFt Comments:

Sample Number: 07 Type: R Area: 5,625.00SqFt PCI = 51

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 84.02 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 390.10 Ft Comments:

47 JOINT REFLECTION CRACKING M 550.14 Ft Comments:

56 SWELLING L 25.00 SqFt Comments:

Sample Number: 11 Type: R Area: 5,625.00SqFt PCI = 42

Sample Comments:

47 JOINT REFLECTION CRACKING M 743.19 Ft Comments:

56 SWELLING L 27.00 SqFt Comments:

43 BLOCK CRACKING L 1,499.99 SqFt Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 36.01 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 191.05 Ft Comments:

Sample Number: 15 Type: R Area: 5,625.00SqFt PCI = 42

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 334.09 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 44.01 Ft Comments:

43 BLOCK CRACKING L 1,873.98 SqFt Comments:

47 JOINT REFLECTION CRACKING M 578.15 Ft Comments:

52 WEATHERING/RAVELING L 621.99 SqFt Comments:

Sample Number: 21 Type: R Area: 5,625.00SqFt PCI = 44

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 316.08 Ft Comments:

43 BLOCK CRACKING L 2,974.98 SqFt Comments:

47 JOINT REFLECTION CRACKING M 578.15 Ft Comments:

52 WEATHERING/RAVELING L 621.99 SqFt Comments:

Sample Number: 25 Type: R Area: 5,625.00SqFt PCI = 41

Sample Comments:

47 JOINT REFLECTION CRACKING M 655.17 Ft Comments:

43 BLOCK CRACKING L 4,064.97 SqFt Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 216.06 Ft Comments:

56 SWELLING L 60.00 SqFt Comments:

52 WEATHERING/RAVELING L 583.00 SqFt Comments:

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GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: R1836SV Name: RUNWAY 18/36 Use: RUNWAY Area: 997,531.00SqFt

Section: 20C of 6 From: TAXIWAY E To: CLOSED RW Last Const.: 6/1/1999

Surface: PCC Family: 2007GAPCCRWYCS75 Zone: Category: Rank: P

Area: 56,432.00SqFt Length: 1,125.00Ft Width: 50.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 5/23/2007 Total Samples: 5 Surveyed: 4

Conditions: PCI:99.00 |

Inspection Comments:

Sample Number: 01 Type: R Area: 22.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 02 Type: R Area: 20.00Count PCI = 99

Sample Comments:

73 SHRINKAGE CRACKING N 1.00 Count Comments:

Sample Number: 04 Type: R Area: 14.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 05 Type: R Area: 14.00Count PCI = 95

Sample Comments:

66 SMALL PATCH L 1.00 Count Comments:

66 SMALL PATCH M 1.00 Count Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: R1836SV Name: RUNWAY 18/36 Use: RUNWAY Area: 997,531.00SqFt

Section: 20E of 6 From: TAXIWAY E To: CLOSED RW Last Const.: 6/1/1999

Surface: PCC Family: 2007GAPCCRWYCS75 Zone: Category: Rank: P

Area: 56,432.00SqFt Length: 1,125.00Ft Width: 50.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 5/23/2007 Total Samples: 5 Surveyed: 4

Conditions: PCI:96.00 |

Inspection Comments:

Sample Number: 01 Type: R Area: 22.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 02 Type: R Area: 20.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 03 Type: R Area: 20.00Count PCI = 85

Sample Comments:

75 CORNER SPALLING M 3.00 Count Comments:

75 CORNER SPALLING H 1.00 Count Comments:

Sample Number: 04 Type: R Area: 14.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: R1836SV Name: RUNWAY 18/36 Use: RUNWAY Area: 997,531.00SqFt

Section: 20W of 6 From: INTERSECTION TWE To: CLOSED RW Last Const.: 6/1/1999

Surface: PCC Family: 2007GAPCCRWYCS75 Zone: Category: Rank: P

Area: 56,432.00SqFt Length: 1,125.00Ft Width: 50.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 5/23/2007 Total Samples: 5 Surveyed: 4

Conditions: PCI:99.00 |

Inspection Comments:

Sample Number: 01 Type: R Area: 20.00Count PCI = 96

Sample Comments:

75 CORNER SPALLING M 1.00 Count Comments:

66 SMALL PATCH L 1.00 Count Comments:

Sample Number: 03 Type: R Area: 20.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 04 Type: R Area: 14.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 05 Type: R Area: 14.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: R927SV Name: RUNWAY 9/27 Use: RUNWAY Area: 1,440,863.00SqFt

Section: 10C of 3 From: APPROACH END 09 To: RW END 27 Last Const.: 6/1/1998

Surface: PCC Family: 2007GAPCCRWCYCS75 Zone: Category: Rank: P

Area: 906,782.00SqFt Length: 9,350.00Ft Width: 75.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 5/22/2007 Total Samples: 90 Surveyed: 9

Conditions: PCI:95.00 |

Inspection Comments:

Sample Number: 05 Type: R Area: 20.00 Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 14 Type: R Area: 21.00 Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 26 Type: R Area: 20.00 Count PCI = 90

Sample Comments:

65 JOINT SEAL DAMAGE M 20.00 Count Comments:

66 SMALL PATCH L 2.00 Count Comments:

73 SHRINKAGE CRACKING N 3.00 Count Comments:

Sample Number: 34 Type: R Area: 20.00 Count PCI = 87

Sample Comments:

74 JOINT SPALLING H 1.00 Count Comments:

Sample Number: 49 Type: R Area: 20.00 Count PCI = 95

Sample Comments:

74 JOINT SPALLING M 1.00 Count Comments:

66 SMALL PATCH L 1.00 Count Comments:

Sample Number: 63 Type: R Area: 20.00 Count PCI = 96

Sample Comments:

74 JOINT SPALLING M 1.00 Count Comments:

Sample Number: 70 Type: R Area: 16.00 Count PCI = 95

Sample Comments:

73 SHRINKAGE CRACKING N 1.00 Count Comments:

66 SMALL PATCH M 1.00 Count Comments:

Sample Number: 79 Type: R Area: 20.00 Count PCI = 96

Sample Comments:

73 SHRINKAGE CRACKING N 1.00 Count Comments:

67 LARGE PATCH/UTILITY L 1.00 Count Comments:

Sample Number: 85 Type: R Area: 20.00 Count PCI = 98

Sample Comments:

73 SHRINKAGE CRACKING N 2.00 Count Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: R927SV Name: RUNWAY 9/27 Use: RUNWAY Area: 1,440,863.00SqFt

Section: 10N of 3 From: APPROACH END 09 To: RW END 27 Last Const.: 6/1/1998

Surface: APC Family: 2007GAAPCRWYCS75 Zone: Category: Rank: P

Area: 267,100.50SqFt Length: 6,875.00Ft Width: 37.50Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 5/22/2007 Total Samples: 48 Surveyed: 7

Conditions: PCI:80.00 |

Inspection Comments:

Sample Number: 03 Type: R Area: 5,625.00SqFt PCI = 78

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 258.07 Ft Comments:

53 RUTTING L 15.00 SqFt Comments:

56 SWELLING L 56.00 SqFt Comments:

Sample Number: 10 Type: R Area: 5,625.00SqFt PCI = 73

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 350.09 Ft Comments:

53 RUTTING L 20.00 SqFt Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 55.01 Ft Comments:

Sample Number: 17 Type: R Area: 5,625.00SqFt PCI = 89

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 198.05 Ft Comments:

Sample Number: 24 Type: R Area: 4,687.00SqFt PCI = 85

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 236.06 Ft Comments:

Sample Number: 34 Type: R Area: 5,625.00SqFt PCI = 78

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 353.09 Ft Comments:

56 SWELLING L 90.00 SqFt Comments:

Sample Number: 42 Type: R Area: 5,625.00SqFt PCI = 80

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 371.10 Ft Comments:

56 SWELLING L 15.00 SqFt Comments:

Sample Number: 46 Type: R Area: 5,625.00SqFt PCI = 80

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 300.08 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 48.01 Ft Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: R927SV Name: RUNWAY 9/27 Use: RUNWAY Area: 1,440,863.00SqFt

Section: 10S of 3 From: APPROACH END 09 To: RW END 27 Last Const.: 6/1/1998

Surface: APC Family: 2007GAAPCRWYCS75 Zone: Category: Rank: P

Area: 266,980.50SqFt Length: 6,775.00Ft Width: 37.50Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 5/22/2007 Total Samples: 47 Surveyed: 7

Conditions: PCI:80.00 |

Inspection Comments:

Sample Number: 02 Type: R Area: 5,625.00SqFt PCI = 88

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 211.05 Ft Comments:

Sample Number: 09 Type: R Area: 5,625.00SqFt PCI = 76

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 416.11 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 15.00 Ft Comments:

Sample Number: 16 Type: R Area: 5,625.00SqFt PCI = 77

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 543.14 Ft Comments:

Sample Number: 23 Type: R Area: 5,625.00SqFt PCI = 79

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 417.11 Ft Comments:

56 SWELLING L 18.00 SqFt Comments:

Sample Number: 35 Type: R Area: 5,625.00SqFt PCI = 78

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 300.08 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 48.01 Ft Comments:

56 SWELLING L 25.00 SqFt Comments:

Sample Number: 40 Type: R Area: 5,625.00SqFt PCI = 74

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 389.10 Ft Comments: lu

48 LONGITUDINAL/TRANSVERSE CRACKING M 15.00 Ft Comments: 2ndy

56 SWELLING L 45.00 SqFt Comments:

Sample Number: 44 Type: R Area: 5,625.00SqFt PCI = 87

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 234.06 Ft Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TA1SV Name: TAXIWAY A1 Use: TAXIWAY Area: 49,560.00SqFt

Section: 10 of 1 From: EDGE OF ATERM-30 To: TWA-10 INTERSECTION Last Const.: 6/1/2001
Surface: PCC Family: 2007GAPCCTWYCS Zone: Category: Rank: P
Area: 49,560.00SqFt Length: 500.00Ft Width: 100.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/23/2007 Total Samples: 11 Surveyed: 6

Conditions: PCI:99.00 |

Inspection Comments:

Sample Number: 02 Type: R Area: 24.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 03 Type: R Area: 24.00Count PCI = 96

Sample Comments:

74 JOINT SPALLING M 1.00 Count Comments:

Sample Number: 05 Type: R Area: 24.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 06 Type: R Area: 24.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 08 Type: R Area: 24.00Count PCI = 96

Sample Comments:

74 JOINT SPALLING M 1.00 Count Comments:

Sample Number: 09 Type: R Area: 24.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TA2SV Name: TAXIWAY A2 Use: TAXIWAY Area: 120,537.00SqFt

Section: 10 of 2 From: EDGE OF ATERM-30 To: TWA-20 INTERSECTION Last Const.: 6/1/1994
Surface: PCC Family: 2007GAPCCTWYCS Zone: Category: Rank: P
Area: 43,245.00SqFt Length: 500.00Ft Width: 87.50Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/23/2007 Total Samples: 11 Surveyed: 6

Conditions: PCI:78.00 |

Inspection Comments:

Sample Number: 02 Type: R Area: 18.00 Count PCI = 52
Sample Comments:
69 PUMPING N 12.00 Count Comments:
65 JOINT SEAL DAMAGE L 18.00 Count Comments:

Sample Number: 04 Type: R Area: 18.00 Count PCI = 51
Sample Comments:
69 PUMPING N 11.00 Count Comments:
65 JOINT SEAL DAMAGE L 18.00 Count Comments:
66 SMALL PATCH L 4.00 Count Comments:

Sample Number: 05 Type: R Area: 18.00 Count PCI = 98
Sample Comments:
65 JOINT SEAL DAMAGE L 18.00 Count Comments:

Sample Number: 06 Type: R Area: 18.00 Count PCI = 99
Sample Comments:
66 SMALL PATCH L 1.00 Count Comments:

Sample Number: 08 Type: R Area: 18.00 Count PCI = 87
Sample Comments:
69 PUMPING N 2.00 Count Comments:
65 JOINT SEAL DAMAGE L 18.00 Count Comments:

Sample Number: 09 Type: R Area: 18.00 Count PCI = 78
Sample Comments:
69 PUMPING N 4.00 Count Comments:
65 JOINT SEAL DAMAGE L 18.00 Count Comments:
66 SMALL PATCH L 1.00 Count Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TA2SV Name: TAXIWAY A2 Use: TAXIWAY Area: 120,537.00SqFt

Section: 20 of 2 From: EDGE OF TWA-20 To: R1836 @ 18 END Last Const.: 6/1/1989
Surface: PCC Family: 2007GAPCCTWYCS Zone: Category: Rank: P
Area: 77,292.00SqFt Length: 850.00Ft Width: 75.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/23/2007 Total Samples: 19 Surveyed: 7

Conditions: PCI:93.00 |

Inspection Comments:

Sample Number: 04 Type: R Area: 18.00 Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 06 Type: R Area: 18.00 Count PCI = 92

Sample Comments:

74 JOINT SPALLING M 1.00 Count Comments:

66 SMALL PATCH M 1.00 Count Comments:

Sample Number: 08 Type: R Area: 18.00 Count PCI = 95

Sample Comments:

74 JOINT SPALLING M 1.00 Count Comments:

Sample Number: 10 Type: R Area: 18.00 Count PCI = 99

Sample Comments:

66 SMALL PATCH L 1.00 Count Comments:

Sample Number: 12 Type: R Area: 18.00 Count PCI = 98

Sample Comments:

74 JOINT SPALLING L 1.00 Count Comments:

Sample Number: 14 Type: R Area: 18.00 Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 16 Type: R Area: 18.00 Count PCI = 65

Sample Comments:

61 BLOW-UP M 1.00 Count Comments:

66 SMALL PATCH L 1.00 Count Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TA3SV Name: TAXIWAY A3 Use: TAXIWAY Area: 53,638.00SqFt

Section: 10 of 1 From: ATERM-30 To: TWA-20 Last Const.: 6/1/1994
Surface: PCC Family: 2007GAPCCTWYCS Zone: Category: Rank: P
Area: 53,638.00SqFt Length: 500.00Ft Width: 100.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/23/2007 Total Samples: 12 Surveyed: 6

Conditions: PCI:74.00 |

Inspection Comments:

Sample Number: 02 Type: R Area: 18.00 Count PCI = 53
Sample Comments:
69 PUMPING N 11.00 Count Comments:
65 JOINT SEAL DAMAGE L 18.00 Count Comments:
66 SMALL PATCH L 2.00 Count Comments:

Sample Number: 04 Type: R Area: 18.00 Count PCI = 77
Sample Comments:
69 PUMPING N 4.00 Count Comments:
66 SMALL PATCH L 1.00 Count Comments:
73 SHRINKAGE CRACKING N 1.00 Count Comments:
65 JOINT SEAL DAMAGE L 18.00 Count Comments:

Sample Number: 05 Type: R Area: 18.00 Count PCI = 50
Sample Comments:
69 PUMPING N 12.00 Count Comments:
73 SHRINKAGE CRACKING N 2.00 Count Comments:
65 JOINT SEAL DAMAGE L 18.00 Count Comments:

Sample Number: 06 Type: R Area: 18.00 Count PCI = 82
Sample Comments:
69 PUMPING N 3.00 Count Comments:
73 SHRINKAGE CRACKING N 1.00 Count Comments:
65 JOINT SEAL DAMAGE L 18.00 Count Comments:

Sample Number: 08 Type: R Area: 18.00 Count PCI = 100
Sample Comments:
<NO DISTRESSES>

Sample Number: 09 Type: R Area: 18.00 Count PCI = 82
Sample Comments:
69 PUMPING N 2.00 Count Comments:
65 JOINT SEAL DAMAGE L 18.00 Count Comments:
71 FAULTING L 2.00 Count Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TA4SV Name: TAXIWAY A4 Use: TAXIWAY Area: 57,177.00SqFt

Section: 10 of 1 From: R1836 To: TWA-50 Last Const.: 6/1/2001
Surface: PCC Family: 2007GAPCCTWYCS Zone: Category: Rank: P
Area: 57,177.00SqFt Length: 450.00Ft Width: 75.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/21/2007 Total Samples: 5 Surveyed: 4

Conditions: PCI:100.00 |

Inspection Comments:

Sample Number: 01 Type: R Area: 16.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 02 Type: R Area: 22.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 03 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 04 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TASV Name: TAXIWAY A Use: TAXIWAY Area: 737,787.01SqFt

Section: 10 of 6 From: TWA1 To: TWA2 Last Const.: 6/1/2001
Surface: PCC Family: 2007GAPCCTWYCS Zone: Category: Rank: P
Area: 31,418.00SqFt Length: 350.00Ft Width: 75.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/22/2007 Total Samples: 8 Surveyed: 5

Conditions: PCI:100.00 |

Inspection Comments:

Sample Number: 01 Type: R Area: 21.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 03 Type: R Area: 21.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 04 Type: R Area: 21.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 05 Type: R Area: 21.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 07 Type: R Area: 21.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TASV Name: TAXIWAY A Use: TAXIWAY Area: 737,787.01SqFt

Section: 20 of 6 From: TWA2 INTERSECTION To: TWE INTERSECTION Last Const.: 6/1/1989
Surface: PCC Family: 2007GAPCCTWYCS Zone: Category: Rank: P
Area: 153,664.00SqFt Length: 1,950.00Ft Width: 75.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/22/2007 Total Samples: 41 Surveyed: 8

Conditions: PCI:98.00 |

Inspection Comments:

Sample Number: 02 Type: R Area: 21.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 07 Type: R Area: 21.00Count PCI = 93

Sample Comments:

74 JOINT SPALLING M 2.00 Count Comments:

Sample Number: 12 Type: R Area: 21.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 17 Type: R Area: 21.00Count PCI = 99

Sample Comments:

66 SMALL PATCH L 1.00 Count Comments:

Sample Number: 22 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 27 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 32 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 37 Type: R Area: 24.00Count PCI = 95

Sample Comments:

66 SMALL PATCH M 2.00 Count Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TASV Name: TAXIWAY A Use: TAXIWAY Area: 737,787.01SqFt

Section: 30 of 6 From: EDGE OF TWE To: INTERSECTION W/ R927 Last Const.: 6/1/1986
Surface: PCC Family: 2007GAPCCTWYCS Zone: Category: Rank: P
Area: 60,556.00SqFt Length: 500.00Ft Width: 75.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/22/2007 Total Samples: 15 Surveyed: 6

Conditions: PCI:95.00 |

Inspection Comments:

Sample Number: 03 Type: R Area: 24.00 Count PCI = 76
Sample Comments:
74 JOINT SPALLING M 1.00 Count Comments:
75 CORNER SPALLING M 1.00 Count Comments:
66 SMALL PATCH L 2.00 Count Comments:
71 FAULTING L 3.00 Count Comments:
66 SMALL PATCH L 1.00 Count Comments:
66 SMALL PATCH M 3.00 Count Comments:
66 SMALL PATCH L 1.00 Count Comments:

Sample Number: 04 Type: R Area: 24.00 Count PCI = 100
Sample Comments:
<NO DISTRESSES>

Sample Number: 06 Type: R Area: 24.00 Count PCI = 99
Sample Comments:
66 SMALL PATCH L 2.00 Count Comments:
66 SMALL PATCH L 1.00 Count Comments:

Sample Number: 07 Type: R Area: 24.00 Count PCI = 100
Sample Comments:
<NO DISTRESSES>

Sample Number: 09 Type: R Area: 24.00 Count PCI = 100
Sample Comments:
66 SMALL PATCH L 1.00 Count Comments:

Sample Number: 10 Type: R Area: 24.00 Count PCI = 98
Sample Comments:
66 SMALL PATCH M 1.00 Count Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TASV Name: TAXIWAY A Use: TAXIWAY Area: 737,787.01SqFt

Section: 40 of 6 From: EDGE OF R927 To: TWC-20 INTERSECTION Last Const.: 6/1/1983

Surface: PCC Family: 2007GAPCCTWYCS Zone: Category: Rank: P

Area: 42,116.00SqFt Length: 300.00Ft Width: 75.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 5/21/2007 Total Samples: 12 Surveyed: 6

Conditions: PCI:90.00 |

Inspection Comments:

Sample Number: 03 Type: R Area: 21.00 Count PCI = 98

Sample Comments:

65 JOINT SEAL DAMAGE L 21.00 Count Comments:

Sample Number: 06 Type: R Area: 21.00 Count PCI = 96

Sample Comments:

73 SHRINKAGE CRACKING N 2.00 Count Comments:

65 JOINT SEAL DAMAGE L 21.00 Count Comments:

Sample Number: 07 Type: R Area: 21.00 Count PCI = 83

Sample Comments:

74 JOINT SPALLING M 1.00 Count Comments:

67 LARGE PATCH/UTILITY M 1.00 Count Comments:

65 JOINT SEAL DAMAGE L 21.00 Count Comments:

Sample Number: 08 Type: R Area: 21.00 Count PCI = 83

Sample Comments:

75 CORNER SPALLING L 1.00 Count Comments:

66 SMALL PATCH L 2.00 Count Comments:

66 SMALL PATCH H 2.00 Count Comments:

66 SMALL PATCH M 1.00 Count Comments:

65 JOINT SEAL DAMAGE L 21.00 Count Comments:

Sample Number: 09 Type: R Area: 21.00 Count PCI = 98

Sample Comments:

65 JOINT SEAL DAMAGE L 21.00 Count Comments:

Sample Number: 10 Type: R Area: 21.00 Count PCI = 80

Sample Comments:

75 CORNER SPALLING M 3.00 Count Comments:

74 JOINT SPALLING H 1.00 Count Comments:

65 JOINT SEAL DAMAGE L 21.00 Count Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TASV Name: TAXIWAY A Use: TAXIWAY Area: 737,787.01SqFt

Section: 50 of 6 From: EDGE OF TWC-20 To: SEE MAP Last Const.: 6/1/2001
Surface: PCC Family: 2007GAPCCTWYCS Zone: Category: Rank: P
Area: 389,442.01SqFt Length: 4,320.00Ft Width: 75.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/21/2007 Total Samples: 36 Surveyed: 8

Conditions: PCI:100.00 |

Inspection Comments:

Sample Number: 06 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 09 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 13 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 17 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 21 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 25 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 29 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 32 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TASV Name: TAXIWAY A Use: TAXIWAY Area: 737,787.01SqFt

Section: 60 of 6 From: TAXIWAY A To: END OF PAVEMENT Last Const.: 6/1/2005

Surface: PCC Family: 2007GAPCCTWYCS Zone: Category: Rank: P

Area: 60,591.00SqFt Length: 1,720.00Ft Width: 35.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 6/19/2007 Total Samples: 9 Surveyed: 5

Conditions: PCI:100.00 |

Inspection Comments:

Sample Number: 01 Type: R Area: 24.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 03 Type: R Area: 24.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 05 Type: R Area: 24.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 07 Type: R Area: 24.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 08 Type: R Area: 24.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TB1SV Name: TAXIWAY B1 Use: TAXIWAY Area: 66,509.00SqFt

Section: 10 of 1 From: EDGE OF R1836 To: TWB-20 Last Const.: 6/1/1971

Surface: PCC Family: 2007GAPCCTWYCS Zone: Category: Rank: P

Area: 66,509.00SqFt Length: 480.00Ft Width: 90.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 5/21/2007 Total Samples: 15 Surveyed: 6

Conditions: PCI:90.00 |

Inspection Comments:

Sample Number: 06 Type: R Area: 24.00 Count PCI = 92

Sample Comments:

66 SMALL PATCH H 1.00 Count Comments:

66 SMALL PATCH L 1.00 Count Comments:

65 JOINT SEAL DAMAGE L 24.00 Count Comments:

Sample Number: 07 Type: R Area: 24.00 Count PCI = 65

Sample Comments:

74 JOINT SPALLING M 1.00 Count Comments:

74 JOINT SPALLING L 2.00 Count Comments:

67 LARGE PATCH/UTILITY M 3.00 Count Comments:

65 JOINT SEAL DAMAGE L 24.00 Count Comments:

66 SMALL PATCH L 5.00 Count Comments:

66 SMALL PATCH H 1.00 Count Comments:

Sample Number: 09 Type: R Area: 24.00 Count PCI = 98

Sample Comments:

65 JOINT SEAL DAMAGE L 24.00 Count Comments:

Sample Number: 10 Type: R Area: 24.00 Count PCI = 95

Sample Comments:

70 SCALING/CRAZING L 2.00 Count Comments:

65 JOINT SEAL DAMAGE L 24.00 Count Comments:

Sample Number: 12 Type: R Area: 24.00 Count PCI = 98

Sample Comments:

65 JOINT SEAL DAMAGE L 24.00 Count Comments:

Sample Number: 13 Type: R Area: 24.00 Count PCI = 94

Sample Comments:

75 CORNER SPALLING M 1.00 Count Comments:

65 JOINT SEAL DAMAGE L 24.00 Count Comments:

66 SMALL PATCH L 2.00 Count Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TB2SV Name: TAXIWAY B2 Use: TAXIWAY Area: 31,939.00SqFt

Section: 10 of 1 From: EDGE OF R1836 To: TWB-20 Last Const.: 6/1/1971
Surface: AC Family: 2007GAACTWYCS Zone: Category: Rank: P
Area: 31,939.00SqFt Length: 520.00Ft Width: 60.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/21/2007 Total Samples: 5 Surveyed: 4

Conditions: PCI:55.00 |

Inspection Comments: RECENT SEALCOAT

Sample Number: 01 Type: R Area: 6,000.00SqFt PCI = 56
Sample Comments:
43 BLOCK CRACKING M 999.99 SqFt Comments: >1/4&2ndy
43 BLOCK CRACKING L 4,999.96 SqFt Comments: lu 5x5
56 SWELLING L 100.00 SqFt Comments:

Sample Number: 02 Type: R Area: 6,000.00SqFt PCI = 55
Sample Comments:
43 BLOCK CRACKING M 999.99 SqFt Comments:
43 BLOCK CRACKING L 4,999.96 SqFt Comments:
56 SWELLING L 150.00 SqFt Comments:

Sample Number: 03 Type: R Area: 6,000.00SqFt PCI = 55
Sample Comments:
43 BLOCK CRACKING L 4,999.96 SqFt Comments:
43 BLOCK CRACKING M 999.99 SqFt Comments:
56 SWELLING L 140.00 SqFt Comments:

Sample Number: 04 Type: R Area: 6,000.00SqFt PCI = 51
Sample Comments:
56 SWELLING L 100.00 SqFt Comments:
56 SWELLING L 4,999.96 SqFt Comments:
43 BLOCK CRACKING M 999.99 SqFt Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TBSV Name: TAXIWAY B Use: TAXIWAY Area: 618,103.00SqFt

Section: 10 of 2 From: EDGE OF RW1836 @ 36 END To: END OF TW Last Const.: 6/1/1971

Surface: APC Family: 2007GAAPCTWYCS Zone: Category: Rank: P

Area: 78,720.00SqFt Length: 725.00Ft Width: 75.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 5/21/2007 Total Samples: 17 Surveyed: 5

Conditions: PCI:43.00 |

Inspection Comments: NEW SEALCOAT

Sample Number: 04 Type: R Area: 4,500.00SqFt PCI = 54

Sample Comments:

47 JOINT REFLECTION CRACKING	L	50.01 Ft	Comments: lu
47 JOINT REFLECTION CRACKING	M	50.01 Ft	Comments: 2ndy
48 LONGITUDINAL/TRANSVERSE CRACKING	L	201.05 Ft	Comments: lu
42 BLEEDING	N	350.00 SqFt	Comments:

Sample Number: 06 Type: R Area: 4,500.00SqFt PCI = 36

Sample Comments:

47 JOINT REFLECTION CRACKING	L	147.04 Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	107.03 Ft	Comments:
42 BLEEDING	N	699.99 SqFt	Comments:
53 RUTTING	L	150.00 SqFt	Comments:
56 SWELLING	L	50.00 SqFt	Comments:

Sample Number: 08 Type: R Area: 4,500.00SqFt PCI = 34

Sample Comments:

47 JOINT REFLECTION CRACKING	L	254.07 Ft	Comments:
47 JOINT REFLECTION CRACKING	M	12.00 Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	44.01 Ft	Comments:
53 RUTTING	L	200.00 SqFt	Comments:
42 BLEEDING	N	749.99 SqFt	Comments:
56 SWELLING	L	25.00 SqFt	Comments:

Sample Number: 10 Type: R Area: 4,500.00SqFt PCI = 43

Sample Comments:

53 RUTTING	L	150.00 SqFt	Comments:
47 JOINT REFLECTION CRACKING	L	325.08 Ft	Comments:
42 BLEEDING	N	724.99 SqFt	Comments:

Sample Number: 12 Type: R Area: 4,500.00SqFt PCI = 46

Sample Comments:

53 RUTTING	L	200.00 SqFt	Comments:
41 ALLIGATOR CRACKING	L	25.00 SqFt	Comments:
42 BLEEDING	N	365.00 SqFt	Comments:
47 JOINT REFLECTION CRACKING	L	308.16 Ft	Comments:
43 BLOCK CRACKING	L	150.00 SqFt	Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TBSV Name: TAXIWAY B Use: TAXIWAY Area: 618,103.00SqFt

Section: 20 of 2 From: EDGE OF TWB-10 To: EDGE OF R1836 @ 36 END Last Const.: 6/1/1971
Surface: PCC Family: 2007GAPCCTWYCS Zone: Category: Rank: P
Area: 539,383.00SqFt Length: 6,850.00Ft Width: 75.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/21/2007 Total Samples: 107 Surveyed: 12

Conditions: PCI:93.00 |

Inspection Comments:

Sample Number: 04 Type: R Area: 24.00 Count PCI = 86
Sample Comments:
70 SCALING/CRAZING L 6.00 Count Comments:
65 JOINT SEAL DAMAGE L 24.00 Count Comments:
74 JOINT SPALLING M 1.00 Count Comments:

Sample Number: 10 Type: R Area: 24.00 Count PCI = 98
Sample Comments:
65 JOINT SEAL DAMAGE L 24.00 Count Comments:

Sample Number: 16 Type: R Area: 24.00 Count PCI = 96
Sample Comments:
65 JOINT SEAL DAMAGE L 24.00 Count Comments:
70 SCALING/CRAZING L 1.00 Count Comments:

Sample Number: 22 Type: R Area: 24.00 Count PCI = 94
Sample Comments:
65 JOINT SEAL DAMAGE L 24.00 Count Comments:
75 CORNER SPALLING M 1.00 Count Comments:
75 CORNER SPALLING L 1.00 Count Comments:

Sample Number: 28 Type: R Area: 24.00 Count PCI = 98
Sample Comments:
65 JOINT SEAL DAMAGE L 24.00 Count Comments:

Sample Number: 39 Type: R Area: 24.00 Count PCI = 96
Sample Comments:
74 JOINT SPALLING L 1.00 Count Comments:
65 JOINT SEAL DAMAGE L 24.00 Count Comments:

Sample Number: 46 Type: R Area: 24.00 Count PCI = 98
Sample Comments:
65 JOINT SEAL DAMAGE L 24.00 Count Comments:

Sample Number: 53 Type: R Area: 24.00 Count PCI = 100
Sample Comments:
66 SMALL PATCH L 1.00 Count Comments:

Sample Number: 60 Type: R Area: 24.00 Count PCI = 98
Sample Comments:
65 JOINT SEAL DAMAGE L 24.00 Count Comments:

Sample Number: 67 Type: R Area: 24.00 Count PCI = 73
Sample Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

67	LARGE PATCH/UTILITY	L	7.00	Count	Comments:
67	LARGE PATCH/UTILITY	M	1.00	Count	Comments:
66	SMALL PATCH	H	2.00	Count	Comments:
65	JOINT SEAL DAMAGE	L	24.00	Count	Comments:
75	CORNER SPALLING	L	1.00	Count	Comments:

Sample Number: 74 Type: R Area: 24.00Count PCI = 87

Sample Comments:

66	SMALL PATCH	M	3.00	Count	Comments:
66	SMALL PATCH	L	1.00	Count	Comments:
65	JOINT SEAL DAMAGE	L	24.00	Count	Comments:
74	JOINT SPALLING	M	1.00	Count	Comments:

Sample Number: 81 Type: R Area: 24.00Count PCI = 98

Sample Comments:

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

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TC1SV Name: TAXIWAY C1 Use: TAXIWAY Area: 33,139.00SqFt

Section: 10 of 1 From: EDGE OF R927 To: TWC-20 INTERSECTION Last Const.: 6/1/1983

Surface: PCC Family: 2007GAPCCTWYCS Zone: Category: Rank: P

Area: 33,139.00SqFt Length: 285.00Ft Width: 75.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 5/21/2007 Total Samples: 8 Surveyed: 4

Conditions: PCI:92.00 |

Inspection Comments:

Sample Number: 04 Type: R Area: 21.00 Count PCI = 93

Sample Comments:

65 JOINT SEAL DAMAGE M 21.00 Count Comments:

Sample Number: 05 Type: R Area: 21.00 Count PCI = 82

Sample Comments:

66 SMALL PATCH L 1.00 Count Comments:

62 CORNER BREAK M 1.00 Count Comments:

74 JOINT SPALLING M 1.00 Count Comments:

65 JOINT SEAL DAMAGE M 21.00 Count Comments:

Sample Number: 06 Type: R Area: 21.00 Count PCI = 95

Sample Comments:

66 SMALL PATCH M 1.00 Count Comments:

66 SMALL PATCH L 1.00 Count Comments:

65 JOINT SEAL DAMAGE L 21.00 Count Comments:

Sample Number: 07 Type: R Area: 21.00 Count PCI = 98

Sample Comments:

65 JOINT SEAL DAMAGE L 21.00 Count Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TC2SV Name: TAXIWAY C2 Use: TAXIWAY Area: 93,614.00SqFt

Section: 10 of 1 From: EDGE OF R927 To: INTERSECTION W/ TWC-40 Last Const.: 6/1/1983
Surface: AAC Family: 2007GAAACTWYCSSOUTH Zone: Category: Rank: P
Area: 93,614.00SqFt Length: 700.00Ft Width: 75.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 6/19/2007 Total Samples: 17 Surveyed: 5

Conditions: PCI:62.00 |

Inspection Comments:

Sample Number: 04 Type: R Area: 5,250.00SqFt PCI = 68

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 687.18 Ft Comments:
56 SWELLING L 111.00 SqFt Comments:

Sample Number: 07 Type: R Area: 5,000.00SqFt PCI = 60

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 827.21 Ft Comments:
43 BLOCK CRACKING L 659.99 SqFt Comments:
56 SWELLING L 484.00 SqFt Comments:

Sample Number: 09 Type: R Area: 5,000.00SqFt PCI = 57

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 1,020.26 Ft Comments:
56 SWELLING L 200.00 SqFt Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING M 32.01 Ft Comments:

Sample Number: 13 Type: R Area: 5,000.00SqFt PCI = 58

Sample Comments:

43 BLOCK CRACKING L 3,499.97 SqFt Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING L 254.07 Ft Comments:
56 SWELLING L 276.00 SqFt Comments:

Sample Number: 15 Type: R Area: 5,000.00SqFt PCI = 68

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 437.11 Ft Comments:
43 BLOCK CRACKING L 1,099.99 SqFt Comments:
56 SWELLING L 185.00 SqFt Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TCSV Name: TAXIWAY C Use: TAXIWAY Area: 769,192.00SqFt

Section: 10 of 6 From: EDGE OF R927 @ 27 END To: TWC1-10 Last Const.: 6/1/1988

Surface: PCC Family: 2007GAPCCTWYCS Zone: Category: Rank: P

Area: 223,910.00SqFt Length: 2,600.00Ft Width: 75.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 5/21/2007 Total Samples: 43 Surveyed: 8

Conditions: PCI:95.00 |

Inspection Comments:

Sample Number: 08 Type: R Area: 28.00 Count PCI = 92

Sample Comments:

66 SMALL PATCH H 1.00 Count Comments:

75 CORNER SPALLING M 1.00 Count Comments:

Sample Number: 12 Type: R Area: 24.00 Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 17 Type: R Area: 24.00 Count PCI = 93

Sample Comments:

67 LARGE PATCH/UTILITY L 1.00 Count Comments:

75 CORNER SPALLING H 1.00 Count Comments:

Sample Number: 21 Type: R Area: 24.00 Count PCI = 80

Sample Comments:

66 SMALL PATCH L 3.00 Count Comments:

67 LARGE PATCH/UTILITY L 1.00 Count Comments:

75 CORNER SPALLING H 1.00 Count Comments:

75 CORNER SPALLING M 2.00 Count Comments:

75 CORNER SPALLING L 1.00 Count Comments:

63 LINEAR CRACKING L 1.00 Count Comments:

Sample Number: 26 Type: R Area: 24.00 Count PCI = 95

Sample Comments:

75 CORNER SPALLING M 1.00 Count Comments:

65 JOINT SEAL DAMAGE L 24.00 Count Comments:

Sample Number: 30 Type: R Area: 24.00 Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 35 Type: R Area: 24.00 Count PCI = 97

Sample Comments:

75 CORNER SPALLING M 1.00 Count Comments:

Sample Number: 39 Type: R Area: 24.00 Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TCSV Name: TAXIWAY C Use: TAXIWAY Area: 769,192.00SqFt

Section: 20 of 6 From: TWC1-10 To: R1836 INTERSECTION Last Const.: 6/1/1983
Surface: PCC Family: 2007GAPCCTWYCS Zone: Category: Rank: P
Area: 235,668.00SqFt Length: 3,350.00Ft Width: 75.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/21/2007 Total Samples: 49 Surveyed: 8

Conditions: PCI:100.00 |

Inspection Comments:

Sample Number: 06 Type: R Area: 24.00Count PCI = 100
Sample Comments:
66 SMALL PATCH L 1.00 Count Comments:

Sample Number: 11 Type: R Area: 24.00Count PCI = 100
Sample Comments:
<NO DISTRESSES>

Sample Number: 16 Type: R Area: 24.00Count PCI = 100
Sample Comments:
<NO DISTRESSES>

Sample Number: 21 Type: R Area: 24.00Count PCI = 98
Sample Comments:
75 CORNER SPALLING L 1.00 Count Comments:

Sample Number: 26 Type: R Area: 24.00Count PCI = 100
Sample Comments:
66 SMALL PATCH L 1.00 Count Comments:

Sample Number: 31 Type: R Area: 24.00Count PCI = 100
Sample Comments:
<NO DISTRESSES>

Sample Number: 36 Type: R Area: 24.00Count PCI = 100
Sample Comments:
<NO DISTRESSES>

Sample Number: 41 Type: R Area: 24.00Count PCI = 100
Sample Comments:
<NO DISTRESSES>

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TCSV Name: TAXIWAY C Use: TAXIWAY Area: 769,192.00SqFt

Section: 30 of 6 From: EDGE OF R1836 To: INTERSECTION W/ CLOSED RW Last Const.: 6/1/1983
Surface: PCC Family: 2007GAPCCTWYCS Zone: Category: Rank: P
Area: 45,106.00SqFt Length: 525.00Ft Width: 75.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/21/2007 Total Samples: 11 Surveyed: 6

Conditions: PCI:94.00 |

Inspection Comments:

Sample Number: 03	Type: R	Area:	21.00	Count	PCI = 96
Sample Comments:					
74 JOINT SPALLING		M	1.00	Count	Comments:

Sample Number: 04	Type: R	Area:	21.00	Count	PCI = 98
Sample Comments:					
65 JOINT SEAL DAMAGE		L	21.00	Count	Comments:

Sample Number: 06	Type: R	Area:	21.00	Count	PCI = 98
Sample Comments:					
65 JOINT SEAL DAMAGE		L	21.00	Count	Comments:

Sample Number: 07	Type: R	Area:	21.00	Count	PCI = 98
Sample Comments:					
65 JOINT SEAL DAMAGE		L	21.00	Count	Comments:

Sample Number: 09	Type: R	Area:	21.00	Count	PCI = 98
Sample Comments:					
65 JOINT SEAL DAMAGE		L	21.00	Count	Comments:

Sample Number: 10	Type: R	Area:	21.00	Count	PCI = 79
Sample Comments:					
66 SMALL PATCH		L	1.00	Count	Comments:
66 SMALL PATCH		H	1.00	Count	Comments:
75 CORNER SPALLING		H	1.00	Count	Comments:
74 JOINT SPALLING		M	1.00	Count	Comments:
65 JOINT SEAL DAMAGE		M	21.00	Count	Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TCSV Name: TAXIWAY C Use: TAXIWAY Area: 769,192.00SqFt

Section: 40 of 6 From: EDGE OF TWB To: TWC-50 Last Const.: 6/1/1971
Surface: PCC Family: 2007GAPCCTWYCS Zone: Category: Rank: P
Area: 162,222.00SqFt Length: 2,100.00Ft Width: 75.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/21/2007 Total Samples: 44 Surveyed: 7

Conditions: PCI:94.00 |

Inspection Comments:

Sample Number: 05 Type: R Area: 18.00 Count PCI = 98
Sample Comments:
65 JOINT SEAL DAMAGE L 18.00 Count Comments:

Sample Number: 10 Type: R Area: 18.00 Count PCI = 93
Sample Comments:
74 JOINT SPALLING M 1.00 Count Comments:
65 JOINT SEAL DAMAGE L 18.00 Count Comments:

Sample Number: 15 Type: R Area: 18.00 Count PCI = 81
Sample Comments:
67 LARGE PATCH/UTILITY L 3.00 Count Comments:
74 JOINT SPALLING M 1.00 Count Comments:
66 SMALL PATCH M 1.00 Count Comments:
65 JOINT SEAL DAMAGE L 18.00 Count Comments:

Sample Number: 20 Type: R Area: 18.00 Count PCI = 98
Sample Comments:
65 JOINT SEAL DAMAGE L 18.00 Count Comments:

Sample Number: 25 Type: R Area: 18.00 Count PCI = 93
Sample Comments:
74 JOINT SPALLING M 1.00 Count Comments:
65 JOINT SEAL DAMAGE L 18.00 Count Comments:

Sample Number: 30 Type: R Area: 18.00 Count PCI = 95
Sample Comments:
66 SMALL PATCH M 1.00 Count Comments:
65 JOINT SEAL DAMAGE L 18.00 Count Comments:

Sample Number: 35 Type: R Area: 18.00 Count PCI = 98
Sample Comments:
65 JOINT SEAL DAMAGE L 18.00 Count Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TCSV Name: TAXIWAY C Use: TAXIWAY Area: 769,192.00SqFt

Section: 50 of 6 From: TWC-40 To: INTERSECTION W/ TWC-60 Last Const.: 6/1/1999
Surface: PCC Family: 2007GAPCCTWYCS Zone: Category: Rank: P
Area: 54,375.00SqFt Length: 700.00Ft Width: 75.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/21/2007 Total Samples: 5 Surveyed: 4

Conditions: PCI:100.00 |

Inspection Comments:

Sample Number: 01 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 02 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 04 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 05 Type: R Area: 15.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TCSV Name: TAXIWAY C Use: TAXIWAY Area: 769,192.00SqFt

Section: 60 of 6 From: R927 @ 27 END To: TWC-50 Last Const.: 6/1/1971
Surface: PCC Family: 2007GAPCCTWYCS Zone: Category: Rank: P
Area: 47,911.00SqFt Length: 550.00Ft Width: 75.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/21/2007 Total Samples: 14 Surveyed: 6

Conditions: PCI:87.00 |

Inspection Comments:

Sample Number: 02 Type: R Area: 18.00 Count PCI = 82

Sample Comments:

65 JOINT SEAL DAMAGE	H	18.00	Count	Comments:
66 SMALL PATCH	L	2.00	Count	Comments:
74 JOINT SPALLING	M	1.00	Count	Comments:

Sample Number: 04 Type: R Area: 18.00 Count PCI = 88

Sample Comments:

65 JOINT SEAL DAMAGE	H	18.00	Count	Comments:
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Sample Number: 06 Type: R Area: 18.00 Count PCI = 88

Sample Comments:

65 JOINT SEAL DAMAGE	H	18.00	Count	Comments:
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Sample Number: 08 Type: R Area: 18.00 Count PCI = 88

Sample Comments:

65 JOINT SEAL DAMAGE	H	18.00	Count	Comments:
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Sample Number: 10 Type: R Area: 18.00 Count PCI = 87

Sample Comments:

65 JOINT SEAL DAMAGE	H	18.00	Count	Comments:
66 SMALL PATCH	L	1.00	Count	Comments:

Sample Number: 12 Type: R Area: 18.00 Count PCI = 88

Sample Comments:

65 JOINT SEAL DAMAGE	H	18.00	Count	Comments:
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Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TE1SV Name: TAXIWAY E1 Use: TAXIWAY Area: 50,075.00SqFt

Section: 10 of 1 From: EDGE OF TWE To: R927 INTERSECTION Last Const.: 6/1/1986

Surface: PCC Family: 2007GAPCCTWYCS Zone: Category: Rank: P

Area: 50,075.00SqFt Length: 525.00Ft Width: 75.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 5/22/2007 Total Samples: 10 Surveyed: 5

Conditions: PCI:54.00 |

Inspection Comments:

Sample Number: 04 Type: R Area: 18.00 Count PCI = 52

Sample Comments:

73 SHRINKAGE CRACKING	N	1.00	Count	Comments:
75 CORNER SPALLING	H	1.00	Count	Comments:
73 SHRINKAGE CRACKING	N	1.00	Count	Comments:
66 SMALL PATCH	L	2.00	Count	Comments:
67 LARGE PATCH/UTILITY	H	2.00	Count	Comments:
66 SMALL PATCH	H	2.00	Count	Comments:
65 JOINT SEAL DAMAGE	H	18.00	Count	Comments:

Sample Number: 05 Type: R Area: 18.00 Count PCI = 56

Sample Comments:

74 JOINT SPALLING	M	1.00	Count	Comments:
67 LARGE PATCH/UTILITY	L	2.00	Count	Comments:
67 LARGE PATCH/UTILITY	M	2.00	Count	Comments:
75 CORNER SPALLING	H	2.00	Count	Comments:
66 SMALL PATCH	L	1.00	Count	Comments:
66 SMALL PATCH	L	1.00	Count	Comments:
75 CORNER SPALLING	H	2.00	Count	Comments:
65 JOINT SEAL DAMAGE	H	18.00	Count	Comments:

Sample Number: 06 Type: R Area: 18.00 Count PCI = 61

Sample Comments:

63 LINEAR CRACKING	L	1.00	Count	Comments:
66 SMALL PATCH	L	2.00	Count	Comments:
62 CORNER BREAK	L	2.00	Count	Comments:
65 JOINT SEAL DAMAGE	H	18.00	Count	Comments:
75 CORNER SPALLING	L	1.00	Count	Comments:
74 JOINT SPALLING	M	2.00	Count	Comments:
75 CORNER SPALLING	M	1.00	Count	Comments:
75 CORNER SPALLING	H	1.00	Count	Comments:
75 CORNER SPALLING	H	1.00	Count	Comments:

Sample Number: 07 Type: R Area: 18.00 Count PCI = 42

Sample Comments:

75 CORNER SPALLING	L	2.00	Count	Comments:
75 CORNER SPALLING	M	2.00	Count	Comments:
66 SMALL PATCH	H	3.00	Count	Comments:
66 SMALL PATCH	M	2.00	Count	Comments:
66 SMALL PATCH	L	2.00	Count	Comments:
74 JOINT SPALLING	M	1.00	Count	Comments:
65 JOINT SEAL DAMAGE	H	18.00	Count	Comments:
67 LARGE PATCH/UTILITY	H	1.00	Count	Comments:
67 LARGE PATCH/UTILITY	M	1.00	Count	Comments:
67 LARGE PATCH/UTILITY	L	1.00	Count	Comments:

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Site Name:

66	SMALL PATCH	L	1.00	Count	Comments:
62	CORNER BREAK	L	1.00	Count	Comments:
75	CORNER SPALLING	L	1.00	Count	Comments:

Sample Number: 08 Type: R Area: 18.00Count PCI = 60

Sample Comments:

63	LINEAR CRACKING	L	1.00	Count	Comments:
66	SMALL PATCH	L	9.00	Count	Comments:
75	CORNER SPALLING	M	2.00	Count	Comments:
75	CORNER SPALLING	L	1.00	Count	Comments:
62	CORNER BREAK	L	1.00	Count	Comments:
62	CORNER BREAK	H	1.00	Count	Comments:
65	JOINT SEAL DAMAGE	M	18.00	Count	Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TE2SV Name: TAXIWAY E2 Use: TAXIWAY Area: 64,639.00SqFt

Section: 10 of 1 From: EDGE OF TWE-40 To: R927 Last Const.: 6/1/1998

Surface: PCC Family: 2007GAPCCTWYCS Zone: Category: Rank: P

Area: 64,639.00SqFt Length: 285.00Ft Width: 100.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 5/22/2007 Total Samples: 6 Surveyed: 4

Conditions: PCI:98.00 |

Inspection Comments:

Sample Number: 02 Type: R Area: 20.00 Count PCI = 95

Sample Comments:

66 SMALL PATCH L 1.00 Count Comments:

75 CORNER SPALLING H 1.00 Count Comments:

Sample Number: 03 Type: R Area: 19.00 Count PCI = 97

Sample Comments:

67 LARGE PATCH/UTILITY L 1.00 Count Comments:

Sample Number: 04 Type: R Area: 16.00 Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 05 Type: R Area: 24.00 Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TESV Name: TAXIWAY E Use: TAXIWAY Area: 817,039.00SqFt

Section: 10 of 4 From: EDGE OF R927 @ 27 END To: TWE-20 Last Const.: 6/1/1989
Surface: PCC Family: 2007GAPCCTWYCS Zone: Category: Rank: P
Area: 221,059.00SqFt Length: 2,750.00Ft Width: 75.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/22/2007 Total Samples: 42 Surveyed: 7

Conditions: PCI: 97.00 |

Inspection Comments:

Sample Number: 07 Type: R Area: 21.00 Count PCI = 88

Sample Comments:

73 SHRINKAGE CRACKING N 4.00 Count Comments:
70 SCALING/CRAZING L 7.00 Count Comments:

Sample Number: 15 Type: R Area: 24.00 Count PCI = 95

Sample Comments:

73 SHRINKAGE CRACKING N 6.00 Count Comments:
75 CORNER SPALLING L 1.00 Count Comments:

Sample Number: 19 Type: R Area: 24.00 Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 23 Type: R Area: 24.00 Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 27 Type: R Area: 24.00 Count PCI = 94

Sample Comments:

66 SMALL PATCH H 1.00 Count Comments:

Sample Number: 31 Type: R Area: 24.00 Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 39 Type: R Area: 24.00 Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TESV Name: TAXIWAY E Use: TAXIWAY Area: 817,039.00SqFt

Section: 20 of 4 From: END OF TWE-10 To: EDGE OF TWE-30 Last Const.: 6/1/1986

Surface: PCC Family: 2007GAPCCTWYCS Zone: Category: Rank: P

Area: 212,968.00SqFt Length: 2,825.00Ft Width: 75.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 5/22/2007 Total Samples: 41 Surveyed: 7

Conditions: PCI:90.00 |

Inspection Comments:

Sample Number: 05 Type: R Area: 24.00 Count PCI = 82

Sample Comments:

66 SMALL PATCH L 2.00 Count Comments:

66 SMALL PATCH H 5.00 Count Comments:

Sample Number: 09 Type: R Area: 24.00 Count PCI = 97

Sample Comments:

66 SMALL PATCH L 1.00 Count Comments:

75 CORNER SPALLING M 1.00 Count Comments:

Sample Number: 13 Type: R Area: 24.00 Count PCI = 85

Sample Comments:

67 LARGE PATCH/UTILITY M 1.00 Count Comments:

66 SMALL PATCH M 2.00 Count Comments:

66 SMALL PATCH L 2.00 Count Comments:

Sample Number: 21 Type: R Area: 24.00 Count PCI = 97

Sample Comments:

66 SMALL PATCH L 1.00 Count Comments:

67 LARGE PATCH/UTILITY L 1.00 Count Comments:

Sample Number: 25 Type: R Area: 24.00 Count PCI = 75

Sample Comments:

67 LARGE PATCH/UTILITY M 2.00 Count Comments:

67 LARGE PATCH/UTILITY H 1.00 Count Comments:

66 SMALL PATCH L 1.00 Count Comments:

Sample Number: 29 Type: R Area: 24.00 Count PCI = 99

Sample Comments:

66 SMALL PATCH L 2.00 Count Comments:

Sample Number: 33 Type: R Area: 24.00 Count PCI = 96

Sample Comments:

66 SMALL PATCH L 4.00 Count Comments:

65 JOINT SEAL DAMAGE L 24.00 Count Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TESV Name: TAXIWAY E Use: TAXIWAY Area: 817,039.00SqFt

Section: 30 of 4 From: END OF TWE-20 To: INTERSECTION W/ TWB Last Const.: 6/1/1971
Surface: PCC Family: 2007GAPCCTWYCS Zone: Category: Rank: P
Area: 98,100.00SqFt Length: 1,000.00Ft Width: 75.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/22/2007 Total Samples: 28 Surveyed: 6

Conditions: PCI:86.00 |

Inspection Comments:

Sample Number: 18 Type: R Area: 24.00 Count PCI = 93
Sample Comments:
65 JOINT SEAL DAMAGE M 24.00 Count Comments:

Sample Number: 19 Type: R Area: 24.00 Count PCI = 98
Sample Comments:
65 JOINT SEAL DAMAGE L 24.00 Count Comments:

Sample Number: 21 Type: R Area: 24.00 Count PCI = 88
Sample Comments:
66 SMALL PATCH H 1.00 Count Comments:
65 JOINT SEAL DAMAGE M 24.00 Count Comments:

Sample Number: 22 Type: R Area: 24.00 Count PCI = 98
Sample Comments:
66 SMALL PATCH L 1.00 Count Comments:
65 JOINT SEAL DAMAGE L 24.00 Count Comments:

Sample Number: 24 Type: R Area: 24.00 Count PCI = 49
Sample Comments:
75 CORNER SPALLING M 3.00 Count Comments:
74 JOINT SPALLING H 1.00 Count Comments:
67 LARGE PATCH/UTILITY H 4.00 Count Comments:
66 SMALL PATCH L 2.00 Count Comments:
65 JOINT SEAL DAMAGE L 24.00 Count Comments:

Sample Number: 25 Type: R Area: 24.00 Count PCI = 88
Sample Comments:
74 JOINT SPALLING M 2.00 Count Comments:
65 JOINT SEAL DAMAGE M 24.00 Count Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TESV Name: TAXIWAY E Use: TAXIWAY Area: 817,039.00SqFt

Section: 40 of 4 From: EDGE OF TWB To: R927 @ 27 END Last Const.: 6/1/1998
Surface: PCC Family: 2007GAPCCTWYCS Zone: Category: Rank: P
Area: 284,912.00SqFt Length: 3,200.00Ft Width: 75.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 5/22/2007 Total Samples: 27 Surveyed: 7

Conditions: PCI:98.00 |

Inspection Comments:

Sample Number: 07 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 10 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 13 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 16 Type: R Area: 18.00Count PCI = 95

Sample Comments:

63 LINEAR CRACKING L 1.00 Count Comments:

Sample Number: 19 Type: R Area: 18.00Count PCI = 99

Sample Comments:

66 SMALL PATCH L 1.00 Count Comments:

Sample Number: 22 Type: R Area: 18.00Count PCI = 95

Sample Comments:

66 SMALL PATCH L 1.00 Count Comments:
74 JOINT SPALLING M 1.00 Count Comments:

Sample Number: 25 Type: R Area: 24.00Count PCI = 99

Sample Comments:

66 SMALL PATCH L 2.00 Count Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TFSV Name: TAXIWAY F Use: TAXIWAY Area: 147,255.00SqFt

Section: 10 of 1 From: ATERM-10 To: TWE-20 Last Const.: 6/1/2002

Surface: PCC Family: 2007GAPCCTWYCS Zone: Category: Rank: P

Area: 147,255.00SqFt Length: 1,420.00Ft Width: 75.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 5/22/2007 Total Samples: 27 Surveyed: 6

Conditions: PCI:97.00 |

Inspection Comments:

Sample Number: 03 Type: R Area: 18.00Count PCI = 95

Sample Comments:

74 JOINT SPALLING M 1.00 Count Comments:

Sample Number: 05 Type: R Area: 18.00Count PCI = 94

Sample Comments:

66 SMALL PATCH M 2.00 Count Comments:

Sample Number: 09 Type: R Area: 18.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 13 Type: R Area: 18.00Count PCI = 99

Sample Comments:

66 SMALL PATCH L 2.00 Count Comments:

Sample Number: 17 Type: R Area: 18.00Count PCI = 94

Sample Comments:

66 SMALL PATCH L 1.00 Count Comments:

75 CORNER SPALLING H 1.00 Count Comments:

Sample Number: 21 Type: R Area: 18.00Count PCI = 98

Sample Comments:

66 SMALL PATCH L 3.00 Count Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: SAVANNAH Name: SAVANNAH HILTON HEAD INTERNATIONAL AIRPORT

Branch: TGASV Name: TAXIWAY GA Use: TAXIWAY Area: 11,357.00SqFt

Section: 10 of 1 From: EDGE OF TWB To: GATW Last Const.: 6/1/2000

Surface: PCC Family: 2007GAPCCTWYCS Zone: Category: Rank: P

Area: 11,357.00SqFt Length: 100.00Ft Width: 100.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 5/20/2007 Total Samples: 1 Surveyed: 1

Conditions: PCI:100.00 |

Inspection Comments:

Sample Number: 01 Type: R Area: 21.00Count PCI = 100

Sample Comments:

<NO DISTRESSES>

APPENDIX D

MAINTENANCE POLICIES AND UNIT COSTS

Table D-1. Localized maintenance policy, asphalt-surfaced pavements.

Distress Type	Severity Level	Maintenance Action
Alligator Cracking	Low	Monitor
	Medium	Patch
	High	Patch
Bleeding	N/A	Monitor
Block Cracking	Low	Monitor
	Medium	Crack Seal
	High	Crack Seal
Corrugation	Low	Monitor
	Medium	Patch
	High	Patch
Depression	Low	Monitor
	Medium	Patch
	High	Patch
Jet Blast	N/A	Patch
Joint Reflection Cracking	Low	Monitor
	Medium	Crack Seal
	High	Crack Seal
Longitudinal and Transverse Cracking	Low	Monitor
	Medium	Crack Seal
	High	Crack Seal
Oil Spillage	N/A	AC Patch
Patching	Low	Monitor
	Medium	Monitor
	High	Patch
Polished Aggregate	N/A	Monitor
Raveling and Weathering	Low	Monitor
	Medium	Patch
	High	Patch
Rutting	Low	Monitor
	Medium	Patch
	High	Patch
Shoving	Low	Monitor
	Medium	Patch
	High	Patch
Slippage Cracking	N/A	Patch
Swelling	Low	Monitor
	Medium	Patch
	High	Patch

Table D-2. Localized maintenance policy, portland cement concrete pavements.

Distress Type	Severity Level	Maintenance Action
Blow-Up	Low	Slab Replacement
	Medium	Slab Replacement
	High	Slab Replacement
Corner Break	Low	Crack Seal
	Medium	Patch
	High	Patch
Cracks	Low	Crack Seal
	Medium	Crack Seal
	High	Crack Seal
Durability Cracking	Low	Monitor
	Medium	Slab Replacement
	High	Slab Replacement
Joint Seal Damage	Low	Monitor
	Medium	Joint Seal
	High	Joint Seal
Patching	Low	Monitor
	Medium	Patch
	High	Patch
Popouts	N/A	Monitor
Pumping	N/A	Monitor
Scaling	Low	Monitor
	Medium	Slab Replacement
	High	Slab Replacement
Settlement	Low	Monitor
	Medium	Monitor
	High	Grinding
Shattered Slab	Low	Crack Seal
	Medium	Slab Replacement
	High	Slab Replacement
Shrinkage	N/A	Monitor
Spalling (Joint and Corner)	Low	Monitor
	Medium	Patch
	High	Patch

Table D-3. Unit costs for localized maintenance actions, general aviation airports.

Maintenance Action	Unit Cost		
	Metro	North	South
AC Patching	\$3.15/sf	\$2.76/sf	\$2.72/sf
Crack Sealing – AC	\$1.13/lf	\$0.85/lf	\$0.85/lf
Crack Sealing – PCC	\$3.90/lf	\$3.25/lf	\$3.25/lf
Joint Sealing – PCC	\$3.30/lf	\$2.75/lf	\$2.75/lf
PCC Partial Depth Patch	\$10.86/sf	\$10.86/sf	\$10.86/sf
PCC Full Depth Patch	\$36.67/sf	\$36.67/sf	\$36.67/sf
Slab Replacement	\$36.67/sf	\$36.67/sf	\$36.67/sf
Grinding	\$0.36/sf	\$0.36/sf	\$0.36/sf

Table D-4. Unit costs for localized maintenance actions, commercial service airports.

Maintenance Action	Unit Cost
AC Patching	\$3.15/sf
Crack Sealing – AC	\$3.90/lf
Crack Sealing – PCC	\$3.90/lf
Joint Sealing – PCC	\$3.30/lf
PCC Partial Depth Patch	\$10.86/sf
PCC Full Depth Patch	\$36.67/sf
Slab Replacement	\$36.67/sf
Grinding	\$0.36/sf

Table D-5. Unit costs for global maintenance actions, general aviation airports.

Maintenance Action	Unit Cost		
	Metro	North	South
Single Surface Treatment	\$0.47/sf	\$0.17/sf	\$0.18/sf
Pavement Rejuvenator	\$0.15/sf	\$0.15/sf	\$0.15/sf

Table D-6. Unit costs for global maintenance actions, commercial service airports.

Maintenance Action	Unit Cost
Single Surface Treatment	\$0.74/sf
Pavement Rejuvenator	\$0.16/sf

Table D-7. Major rehabilitation unit costs based on PCI ranges for asphalt-surfaced pavements.

General Aviation	PCI Range							
	0 – 29	30 – 39	40 – 49	50 – 59	60 – 69	70 – 79	80 – 89	> 89
Metro	\$4.78/sf	\$4.78/sf	\$1.65/sf	\$1.65/sf	\$1.65/sf	\$1.65/sf	\$1.65/sf	\$1.65/sf
North	\$4.21/sf	\$4.21/sf	\$1.17/sf	\$1.17/sf	\$1.17/sf	\$1.17/sf	\$1.17/sf	\$1.17/sf
South	\$4.27/sf	\$4.27/sf	\$1.08/sf	\$1.08/sf	\$1.08/sf	\$1.08/sf	\$1.08/sf	\$1.08/sf
Commercial Service	\$5.19/sf	\$5.19/sf	\$1.31/sf	\$1.31/sf	\$1.31/sf	\$1.31/sf	\$1.31/sf	\$1.31/sf

Table D-8. Major rehabilitation unit costs based on PCI ranges for PCC-surfaced pavements.

General Aviation	PCI Range							
	0 – 29	30 – 39	40 – 49	50 – 59	60 – 69	70 – 79	80 – 89	> 89
Metro	\$12.95/sf	\$12.95/sf	\$1.65/sf	\$1.65/sf	\$1.65/sf	\$1.65/sf	\$1.65/sf	\$1.65/sf
North	\$12.83/sf	\$12.83/sf	\$1.17/sf	\$1.17/sf	\$1.17/sf	\$1.17/sf	\$1.17/sf	\$1.17/sf
South	\$12.89/sf	\$12.89/sf	\$1.08/sf	\$1.08/sf	\$1.08/sf	\$1.08/sf	\$1.08/sf	\$1.08/sf
Commercial Service	\$12.95/sf	\$12.95/sf	\$1.31/sf	\$1.31/sf	\$1.31/sf	\$1.31/sf	\$1.31/sf	\$1.31/sf

APPENDIX E

YEAR 2008 MAINTENANCE PLAN ORGANIZED BY SECTION

Table E-1. 2008 maintenance plan organized by section.

Branch	Section	Distress Type	Severity	Work Description	Work Quantity	Work Unit	Unit Cost	Work Cost
ACARGOSV	10	Small patch	Medium	Patching - PCC Full Depth	5	SqFt	\$36.67	\$194
ACARGOSV	10	Linear cracking	Low	Crack Sealing - PCC	98	Ft	\$3.90	\$383
AOLDTERMSV	10	Small patch	Medium	Patching - PCC Full Depth	28	SqFt	\$36.67	\$1,016
AOLDTERMSV	10	Small patch	High	Patching - PCC Full Depth	28	SqFt	\$36.67	\$1,016
AOLDTERMSV	10	Joint spall	Medium	Patching - PCC Partial Depth	133	SqFt	\$10.86	\$1,444
AOLDTERMSV	10	Joint seal damage	Medium	Joint Seal (Localized)	32,896	Ft	\$3.30	\$108,557
AOLDTERMSV	10	Joint seal damage	High	Joint Seal (Localized)	39,475	Ft	\$3.30	\$130,268
ASAVAIRSV	10	Corner spall	Medium	Patching - PCC Partial Depth	20	SqFt	\$10.86	\$220
ASAVAIRSV	10	Joint spall	Medium	Patching - PCC Partial Depth	49	SqFt	\$10.86	\$527
ASAVAIRSV	10	Linear cracking	Low	Crack Sealing - PCC	220	Ft	\$3.90	\$858
ASAVAIRSV	10	Joint seal damage	High	Joint Seal (Localized)	4,507	Ft	\$3.30	\$14,873
ASAVAIRSV	10	Joint seal damage	Medium	Joint Seal (Localized)	18,028	Ft	\$3.30	\$59,493
ASIGSTHSV	10	Corner spall	Medium	Patching - PCC Partial Depth	21	SqFt	\$10.86	\$225
ASIGSTHSV	10	Linear cracking	Low	Crack Sealing - PCC	145	Ft	\$3.90	\$564
ASIGSTHSV	10	Corner spall	High	Patching - PCC Partial Depth	73	SqFt	\$10.86	\$789
ASIGSTHSV	10	Linear cracking	Medium	Crack Sealing - PCC	361	Ft	\$3.90	\$1,409
ASIGSTHSV	10	Joint spall	High	Patching - PCC Partial Depth	156	SqFt	\$10.86	\$1,690
ASIGSTHSV	10	Small patch	High	Patching - PCC Full Depth	52	SqFt	\$36.67	\$1,902
ASIGSTHSV	10	Corner break	Medium	Patching - PCC Full Depth	125	SqFt	\$36.67	\$4,564
ASIGSTHSV	10	Joint spall	Medium	Patching - PCC Partial Depth	598	SqFt	\$10.86	\$6,489

Table E-1. 2008 maintenance plan organized by section (continued).

Branch	Section	Distress Type	Severity	Work Description	Work Quantity	Work Unit	Unit Cost	Work Cost
ASIGSTHSV	10	Large patch	High	Patching - PCC Full Depth	237	SqFt	\$36.67	\$8,695
ASIGSTHSV	10	Joint seal damage	High	Joint Seal (Localized)	10,897	Ft	\$3.30	\$35,959
ATERMSV	10	Joint spall	Medium	Patching - PCC Partial Depth	85	SqFt	\$10.86	\$926
ATERMSV	10	Small patch	High	Patching - PCC Full Depth	36	SqFt	\$36.67	\$1,303
ATERMSV	10	Small patch	Medium	Patching - PCC Full Depth	36	SqFt	\$36.67	\$1,303
R1836SV	10C	Small patch	High	Patching - PCC Full Depth	28	SqFt	\$36.67	\$1,015
R1836SV	10C	Joint spall	High	Patching - PCC Partial Depth	166	SqFt	\$10.86	\$1,804
R1836SV	10C	Joint spall	Medium	Patching - PCC Partial Depth	465	SqFt	\$10.86	\$5,052
R1836SV	10C	Joint seal damage	Medium	Joint Seal (Localized)	27,393	Ft	\$3.30	\$90,398
R1836SV	10C	Joint seal damage	High	Joint Seal (Localized)	71,745	Ft	\$3.30	\$236,758
R1836SV	20C	Small patch	Medium	Patching - PCC Full Depth	4	SqFt	\$36.67	\$127
R1836SV	20E	Corner spall	High	Patching - PCC Partial Depth	3	SqFt	\$10.86	\$35
R1836SV	20E	Corner spall	Medium	Patching - PCC Partial Depth	10	SqFt	\$10.86	\$104
R1836SV	20W	Corner spall	Medium	Patching - PCC Partial Depth	4	SqFt	\$10.86	\$39
R927SV	10C	Joint spall	High	Patching - PCC Partial Depth	66	SqFt	\$10.86	\$719
R927SV	10C	Small patch	Medium	Patching - PCC Full Depth	22	SqFt	\$36.67	\$809
R927SV	10C	Joint spall	Medium	Patching - PCC Partial Depth	106	SqFt	\$10.86	\$1,150
R927SV	10C	Joint seal damage	Medium	Joint Seal (Localized)	5,275	Ft	\$3.30	\$17,406

Table E-1. 2008 maintenance plan organized by section (continued).

Branch	Section	Distress Type	Severity	Work Description	Work Quantity	Work Unit	Unit Cost	Work Cost
TA1SV	10	Joint spall	Medium	Patching - PCC Partial Depth	21	SqFt	\$10.86	\$227
TA2SV	20	Small patch	Medium	Patching - PCC Full Depth	8	SqFt	\$36.67	\$287
TA2SV	20	Joint spall	Medium	Patching - PCC Partial Depth	38	SqFt	\$10.86	\$407
TA2SV	20	Blow-up	Medium	Slab Replacement - PCC	614	SqFt	\$36.67	\$22,502
TASV	20	Joint spall	Medium	Patching - PCC Partial Depth	58	SqFt	\$10.86	\$630
TASV	20	Small patch	Medium	Patching - PCC Full Depth	24	SqFt	\$36.67	\$886
TASV	30	Corner spall	Medium	Patching - PCC Partial Depth	5	SqFt	\$10.86	\$58
TASV	30	Joint spall	Medium	Patching - PCC Partial Depth	13	SqFt	\$10.86	\$140
TASV	30	Small patch	Medium	Patching - PCC Full Depth	22	SqFt	\$36.67	\$787
TASV	40	Joint spall	Medium	Patching - PCC Partial Depth	10	SqFt	\$10.86	\$111
TASV	40	Joint spall	High	Patching - PCC Partial Depth	13	SqFt	\$10.86	\$138
TASV	40	Corner spall	Medium	Patching - PCC Partial Depth	13	SqFt	\$10.86	\$138
TASV	40	Small patch	Medium	Patching - PCC Full Depth	4	SqFt	\$36.67	\$156
TASV	40	Small patch	High	Patching - PCC Full Depth	9	SqFt	\$36.67	\$312
TASV	40	Large patch	Medium	Patching - PCC Full Depth	97	SqFt	\$36.67	\$3,563
TB1SV	10	Corner spall	Medium	Patching - PCC Partial Depth	6	SqFt	\$10.86	\$64

Table E-1. 2008 maintenance plan organized by section (continued).

Branch	Section	Distress Type	Severity	Work Description	Work Quantity	Work Unit	Unit Cost	Work Cost
TB1SV	10	Joint spall	Medium	Patching - PCC Partial Depth	14	SqFt	\$10.86	\$153
TB1SV	10	Small patch	High	Patching - PCC Full Depth	12	SqFt	\$36.67	\$432
TB1SV	10	Large patch	Medium	Patching - PCC Full Depth	404	SqFt	\$36.67	\$14,804
TBSV	20	Corner spall	Medium	Patching - PCC Partial Depth	24	SqFt	\$10.86	\$259
TBSV	20	Joint spall	Medium	Patching - PCC Partial Depth	115	SqFt	\$10.86	\$1,243
TBSV	20	Small patch	High	Patching - PCC Full Depth	48	SqFt	\$36.67	\$1,749
TBSV	20	Small patch	Medium	Patching - PCC Full Depth	72	SqFt	\$36.67	\$2,624
TBSV	20	Large patch	Medium	Patching - PCC Full Depth	545	SqFt	\$36.67	\$19,997
TC1SV	10	Joint spall	Medium	Patching - PCC Partial Depth	12	SqFt	\$10.86	\$131
TC1SV	10	Small patch	Medium	Patching - PCC Full Depth	5	SqFt	\$36.67	\$184
TC1SV	10	Corner break	Medium	Patching - PCC Full Depth	60	SqFt	\$36.67	\$2,213
TC1SV	10	Joint seal damage	Medium	Joint Seal (Localized)	1,309	Ft	\$3.30	\$4,318
TCSV	10	Linear cracking	Low	Crack Sealing - PCC	80	Ft	\$3.90	\$311
TCSV	10	Corner spall	High	Patching - PCC Partial Depth	29	SqFt	\$10.86	\$318
TCSV	10	Small patch	High	Patching - PCC Full Depth	15	SqFt	\$36.67	\$537
TCSV	10	Corner spall	Medium	Patching - PCC Partial Depth	73	SqFt	\$10.86	\$795
TCSV	30	Corner spall	High	Patching - PCC Partial Depth	5	SqFt	\$10.86	\$50

Table E-1. 2008 maintenance plan organized by section (continued).

Branch	Section	Distress Type	Severity	Work Description	Work Quantity	Work Unit	Unit Cost	Work Cost
TCSV	30	Small patch	High	Patching - PCC Full Depth	5	SqFt	\$36.67	\$168
TCSV	30	Joint spall	Medium	Patching - PCC Partial Depth	22	SqFt	\$10.86	\$238
TCSV	30	Joint seal damage	Medium	Joint Seal (Localized)	815	Ft	\$3.30	\$2,690
TCSV	40	Small patch	Medium	Patching - PCC Full Depth	33	SqFt	\$36.67	\$1,203
TCSV	40	Joint spall	Medium	Patching - PCC Partial Depth	118	SqFt	\$10.86	\$1,283
TCSV	60	Joint spall	Medium	Patching - PCC Partial Depth	15	SqFt	\$10.86	\$166
TCSV	60	Joint seal damage	High	Joint Seal (Localized)	5,435	Ft	\$3.30	\$17,936
TE2SV	10	Corner spall	High	Patching - PCC Partial Depth	4	SqFt	\$10.86	\$38
TESV	10	Small patch	High	Patching - PCC Full Depth	17	SqFt	\$36.67	\$626
TESV	20	Corner spall	Medium	Patching - PCC Partial Depth	16	SqFt	\$10.86	\$175
TESV	20	Small patch	Medium	Patching - PCC Full Depth	32	SqFt	\$36.67	\$1,184
TESV	20	Small patch	High	Patching - PCC Full Depth	81	SqFt	\$36.67	\$2,960
TESV	20	Large patch	High	Patching - PCC Full Depth	369	SqFt	\$36.67	\$13,535
TESV	20	Large patch	Medium	Patching - PCC Full Depth	1,107	SqFt	\$36.67	\$40,604
TESV	30	Joint spall	High	Patching - PCC Partial Depth	26	SqFt	\$10.86	\$283
TESV	30	Corner spall	Medium	Patching - PCC Partial Depth	26	SqFt	\$10.86	\$283
TESV	30	Small patch	High	Patching - PCC Full Depth	9	SqFt	\$36.67	\$318

Table E-1. 2008 maintenance plan organized by section (continued).

Branch	Section	Distress Type	Severity	Work Description	Work Quantity	Work Unit	Unit Cost	Work Cost
TESV	30	Joint spall	Medium	Patching - PCC Partial Depth	42	SqFt	\$10.86	\$452
TESV	30	Joint seal damage	Medium	Joint Seal (Localized)	4,678	Ft	\$3.30	\$15,436
TESV	30	Large patch	High	Patching - PCC Full Depth	793	SqFt	\$36.67	\$29,075
TESV	40	Joint spall	Medium	Patching - PCC Partial Depth	22	SqFt	\$10.86	\$242
TESV	40	Linear cracking	Low	Crack Sealing - PCC	86	Ft	\$3.90	\$337
TFSV	10	Corner spall	High	Patching - PCC Partial Depth	6	SqFt	\$10.86	\$64
TFSV	10	Joint spall	Medium	Patching - PCC Partial Depth	14	SqFt	\$10.86	\$153
TFSV	10	Small patch	Medium	Patching - PCC Full Depth	12	SqFt	\$36.67	\$431

APPENDIX F

YEAR 2008 MAINTENANCE PLAN ORGANIZED BY REPAIR TYPE

Table F-1. 2008 maintenance plan organized by repair type.

Branch	Section	Distress Type	Severity	Work Description	Work Quantity	Work Unit	Unit Cost	Work Cost
ACARGOSV	10	Linear cracking	Low	Crack Sealing - PCC	98	Ft	\$3.90	\$383
ASAVAIRSV	10	Linear cracking	Low	Crack Sealing - PCC	220	Ft	\$3.90	\$858
ASIGSTHSV	10	Linear cracking	Low	Crack Sealing - PCC	145	Ft	\$3.90	\$564
ASIGSTHSV	10	Linear cracking	Medium	Crack Sealing - PCC	361	Ft	\$3.90	\$1,409
TCSV	10	Linear cracking	Low	Crack Sealing - PCC	80	Ft	\$3.90	\$311
TESV	40	Linear cracking	Low	Crack Sealing - PCC	86	Ft	\$3.90	\$337
AOLDTERMSV	10	Joint seal damage	Medium	Joint Seal (Localized)	32,896	Ft	\$3.30	\$108,557
AOLDTERMSV	10	Joint seal damage	High	Joint Seal (Localized)	39,475	Ft	\$3.30	\$130,268
ASAVAIRSV	10	Joint seal damage	High	Joint Seal (Localized)	4,507	Ft	\$3.30	\$14,873
ASAVAIRSV	10	Joint seal damage	Medium	Joint Seal (Localized)	18,028	Ft	\$3.30	\$59,493
ASIGSTHSV	10	Joint seal damage	High	Joint Seal (Localized)	10,897	Ft	\$3.30	\$35,959
R1836SV	10C	Joint seal damage	Medium	Joint Seal (Localized)	27,393	Ft	\$3.30	\$90,398
R1836SV	10C	Joint seal damage	High	Joint Seal (Localized)	71,745	Ft	\$3.30	\$236,758
R927SV	10C	Joint seal damage	Medium	Joint Seal (Localized)	5,275	Ft	\$3.30	\$17,406
TC1SV	10	Joint seal damage	Medium	Joint Seal (Localized)	1,309	Ft	\$3.30	\$4,318
TCSV	30	Joint seal damage	Medium	Joint Seal (Localized)	815	Ft	\$3.30	\$2,690
TCSV	60	Joint seal damage	High	Joint Seal (Localized)	5,435	Ft	\$3.30	\$17,936
TESV	30	Joint seal damage	Medium	Joint Seal (Localized)	4,678	Ft	\$3.30	\$15,436
ACARGOSV	10	Small patch	Medium	Patching - PCC Full Depth	5	SqFt	\$36.67	\$194
AOLDTERMSV	10	Small patch	Medium	Patching - PCC Full Depth	28	SqFt	\$36.67	\$1,016
AOLDTERMSV	10	Small patch	High	Patching - PCC Full Depth	28	SqFt	\$36.67	\$1,016
ASIGSTHSV	10	Small patch	High	Patching - PCC Full Depth	52	SqFt	\$36.67	\$1,902
ASIGSTHSV	10	Corner break	Medium	Patching - PCC Full Depth	125	SqFt	\$36.67	\$4,564
ASIGSTHSV	10	Large patch	High	Patching - PCC Full Depth	237	SqFt	\$36.67	\$8,695

Table F-1. 2008 maintenance plan organized by repair type (continued).

Branch	Section	Distress Type	Severity	Work Description	Work Quantity	Work Unit	Unit Cost	Work Cost
ATERMSV	10	Small patch	High	Patching - PCC Full Depth	36	SqFt	\$36.67	\$1,303
ATERMSV	10	Small patch	Medium	Patching - PCC Full Depth	36	SqFt	\$36.67	\$1,303
R1836SV	10C	Small patch	High	Patching - PCC Full Depth	28	SqFt	\$36.67	\$1,015
R1836SV	20C	Small patch	Medium	Patching - PCC Full Depth	4	SqFt	\$36.67	\$127
R927SV	10C	Small patch	Medium	Patching - PCC Full Depth	22	SqFt	\$36.67	\$809
TA2SV	20	Small patch	Medium	Patching - PCC Full Depth	8	SqFt	\$36.67	\$287
TASV	20	Small patch	Medium	Patching - PCC Full Depth	24	SqFt	\$36.67	\$886
TASV	30	Small patch	Medium	Patching - PCC Full Depth	22	SqFt	\$36.67	\$787
TASV	40	Small patch	Medium	Patching - PCC Full Depth	4	SqFt	\$36.67	\$156
TASV	40	Small patch	High	Patching - PCC Full Depth	9	SqFt	\$36.67	\$312
TASV	40	Large patch	Medium	Patching - PCC Full Depth	97	SqFt	\$36.67	\$3,563
TB1SV	10	Small patch	High	Patching - PCC Full Depth	12	SqFt	\$36.67	\$432
TB1SV	10	Large patch	Medium	Patching - PCC Full Depth	404	SqFt	\$36.67	\$14,804
TBSV	20	Small patch	High	Patching - PCC Full Depth	48	SqFt	\$36.67	\$1,749
TBSV	20	Small patch	Medium	Patching - PCC Full Depth	72	SqFt	\$36.67	\$2,624
TBSV	20	Large patch	Medium	Patching - PCC Full Depth	545	SqFt	\$36.67	\$19,997

Table F-1. 2008 maintenance plan organized by repair type (continued).

Branch	Section	Distress Type	Severity	Work Description	Work Quantity	Work Unit	Unit Cost	Work Cost
TC1SV	10	Small patch	Medium	Patching - PCC Full Depth	5	SqFt	\$36.67	\$184
TC1SV	10	Corner break	Medium	Patching - PCC Full Depth	60	SqFt	\$36.67	\$2,213
TCSV	10	Small patch	High	Patching - PCC Full Depth	15	SqFt	\$36.67	\$537
TCSV	30	Small patch	High	Patching - PCC Full Depth	5	SqFt	\$36.67	\$168
TCSV	40	Small patch	Medium	Patching - PCC Full Depth	33	SqFt	\$36.67	\$1,203
TESV	10	Small patch	High	Patching - PCC Full Depth	17	SqFt	\$36.67	\$626
TESV	20	Small patch	Medium	Patching - PCC Full Depth	32	SqFt	\$36.67	\$1,184
TESV	20	Small patch	High	Patching - PCC Full Depth	81	SqFt	\$36.67	\$2,960
TESV	20	Large patch	High	Patching - PCC Full Depth	369	SqFt	\$36.67	\$13,535
TESV	20	Large patch	Medium	Patching - PCC Full Depth	1,107	SqFt	\$36.67	\$40,604
TESV	30	Small patch	High	Patching - PCC Full Depth	9	SqFt	\$36.67	\$318
TESV	30	Large patch	High	Patching - PCC Full Depth	793	SqFt	\$36.67	\$29,075
TFSV	10	Small patch	Medium	Patching - PCC Full Depth	12	SqFt	\$36.67	\$431
AOLDTERMSV	10	Joint spall	Medium	Patching - PCC Partial Depth	133	SqFt	\$10.86	\$1,444
ASAVAIRSV	10	Corner spall	Medium	Patching - PCC Partial Depth	20	SqFt	\$10.86	\$220
ASAVAIRSV	10	Joint spall	Medium	Patching - PCC Partial Depth	49	SqFt	\$10.86	\$527

Table F-1. 2008 maintenance plan organized by repair type (continued).

Branch	Section	Distress Type	Severity	Work Description	Work Quantity	Work Unit	Unit Cost	Work Cost
ASIGSTHSV	10	Corner spall	Medium	Patching - PCC Partial Depth	21	SqFt	\$10.86	\$225
ASIGSTHSV	10	Corner spall	High	Patching - PCC Partial Depth	73	SqFt	\$10.86	\$789
ASIGSTHSV	10	Joint spall	High	Patching - PCC Partial Depth	156	SqFt	\$10.86	\$1,690
ASIGSTHSV	10	Joint spall	Medium	Patching - PCC Partial Depth	598	SqFt	\$10.86	\$6,489
ATERMSV	10	Joint spall	Medium	Patching - PCC Partial Depth	85	SqFt	\$10.86	\$926
R1836SV	10C	Joint spall	High	Patching - PCC Partial Depth	166	SqFt	\$10.86	\$1,804
R1836SV	10C	Joint spall	Medium	Patching - PCC Partial Depth	465	SqFt	\$10.86	\$5,052
R1836SV	20E	Corner spall	High	Patching - PCC Partial Depth	3	SqFt	\$10.86	\$35
R1836SV	20E	Corner spall	Medium	Patching - PCC Partial Depth	10	SqFt	\$10.86	\$104
R1836SV	20W	Corner spall	Medium	Patching - PCC Partial Depth	4	SqFt	\$10.86	\$39
R927SV	10C	Joint spall	High	Patching - PCC Partial Depth	66	SqFt	\$10.86	\$719
R927SV	10C	Joint spall	Medium	Patching - PCC Partial Depth	106	SqFt	\$10.86	\$1,150
TA1SV	10	Joint spall	Medium	Patching - PCC Partial Depth	21	SqFt	\$10.86	\$227
TA2SV	20	Joint spall	Medium	Patching - PCC Partial Depth	38	SqFt	\$10.86	\$407
TASV	20	Joint spall	Medium	Patching - PCC Partial Depth	58	SqFt	\$10.86	\$630
TASV	30	Corner spall	Medium	Patching - PCC Partial Depth	5	SqFt	\$10.86	\$58

Table F-1. 2008 maintenance plan organized by repair type (continued).

Branch	Section	Distress Type	Severity	Work Description	Work Quantity	Work Unit	Unit Cost	Work Cost
TASV	30	Joint spall	Medium	Patching - PCC Partial Depth	13	SqFt	\$10.86	\$140
TASV	40	Joint spall	Medium	Patching - PCC Partial Depth	10	SqFt	\$10.86	\$111
TASV	40	Joint spall	High	Patching - PCC Partial Depth	13	SqFt	\$10.86	\$138
TASV	40	Corner spall	Medium	Patching - PCC Partial Depth	13	SqFt	\$10.86	\$138
TB1SV	10	Corner spall	Medium	Patching - PCC Partial Depth	6	SqFt	\$10.86	\$64
TB1SV	10	Joint spall	Medium	Patching - PCC Partial Depth	14	SqFt	\$10.86	\$153
TBSV	20	Corner spall	Medium	Patching - PCC Partial Depth	24	SqFt	\$10.86	\$259
TBSV	20	Joint spall	Medium	Patching - PCC Partial Depth	115	SqFt	\$10.86	\$1,243
TC1SV	10	Joint spall	Medium	Patching - PCC Partial Depth	12	SqFt	\$10.86	\$131
TCSV	10	Corner spall	High	Patching - PCC Partial Depth	29	SqFt	\$10.86	\$318
TCSV	10	Corner spall	Medium	Patching - PCC Partial Depth	73	SqFt	\$10.86	\$795
TCSV	30	Corner spall	High	Patching - PCC Partial Depth	5	SqFt	\$10.86	\$50
TCSV	30	Joint spall	Medium	Patching - PCC Partial Depth	22	SqFt	\$10.86	\$238
TCSV	40	Joint spall	Medium	Patching - PCC Partial Depth	118	SqFt	\$10.86	\$1,283
TCSV	60	Joint spall	Medium	Patching - PCC Partial Depth	15	SqFt	\$10.86	\$166
TE2SV	10	Corner spall	High	Patching - PCC Partial Depth	4	SqFt	\$10.86	\$38

Table F-1. 2008 maintenance plan organized by repair type (continued).

Branch	Section	Distress Type	Severity	Work Description	Work Quantity	Work Unit	Unit Cost	Work Cost
TESV	20	Corner spall	Medium	Patching - PCC Partial Depth	16	SqFt	\$10.86	\$175
TESV	30	Joint spall	High	Patching - PCC Partial Depth	26	SqFt	\$10.86	\$283
TESV	30	Corner spall	Medium	Patching - PCC Partial Depth	26	SqFt	\$10.86	\$283
TESV	30	Joint spall	Medium	Patching - PCC Partial Depth	42	SqFt	\$10.86	\$452
TESV	40	Joint spall	Medium	Patching - PCC Partial Depth	22	SqFt	\$10.86	\$242
TFSV	10	Corner spall	High	Patching - PCC Partial Depth	6	SqFt	\$10.86	\$64
TFSV	10	Joint spall	Medium	Patching - PCC Partial Depth	14	SqFt	\$10.86	\$153
TA2SV	20	Blow-up	Medium	Slab Replacement - PCC	614	SqFt	\$36.67	\$22,502

APPENDIX G

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