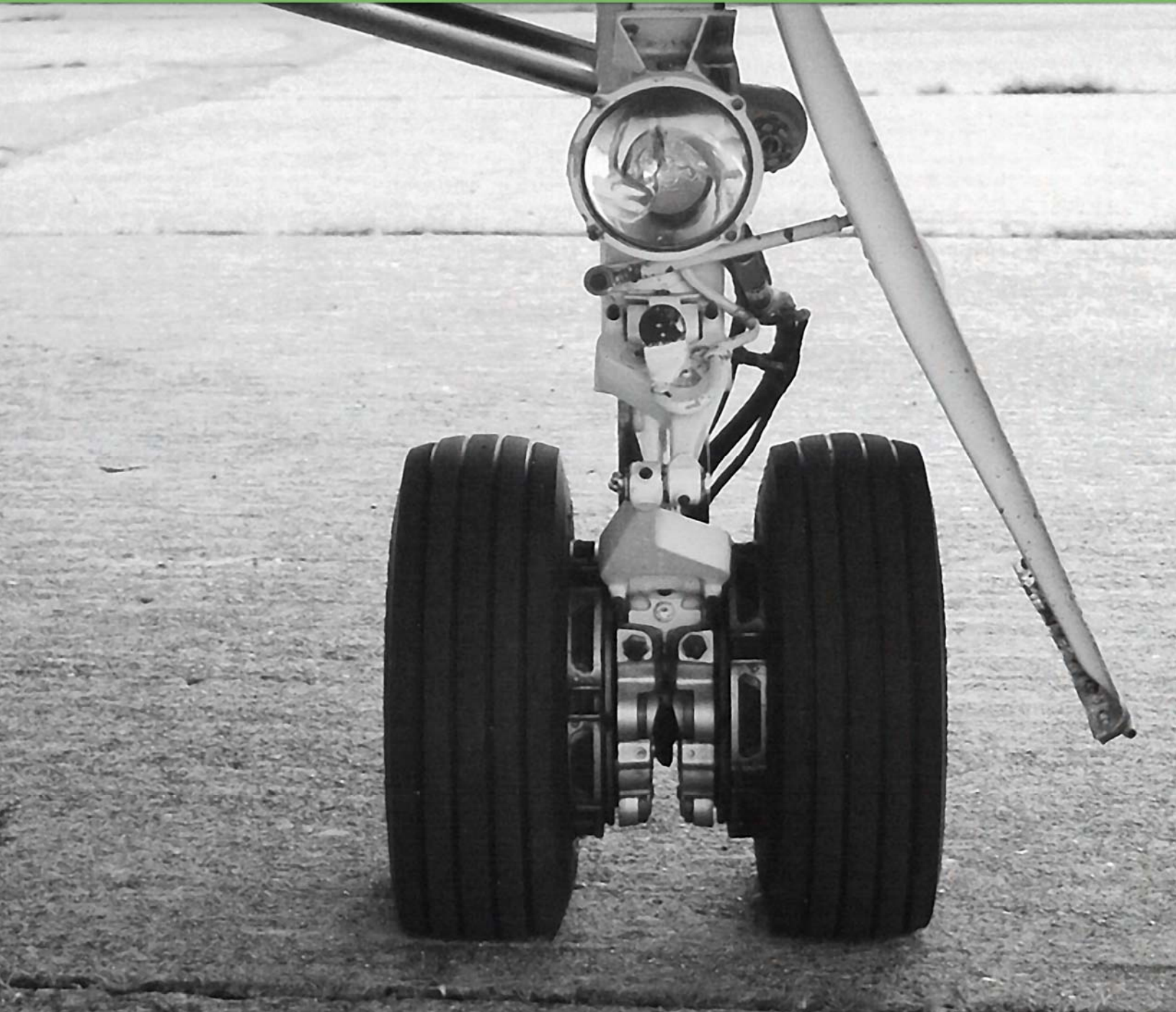


MIDDLE GEORGIA REGIONAL AIRPORT
PAVEMENT MANAGEMENT REPORT

**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 Middle Georgia Regional 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.

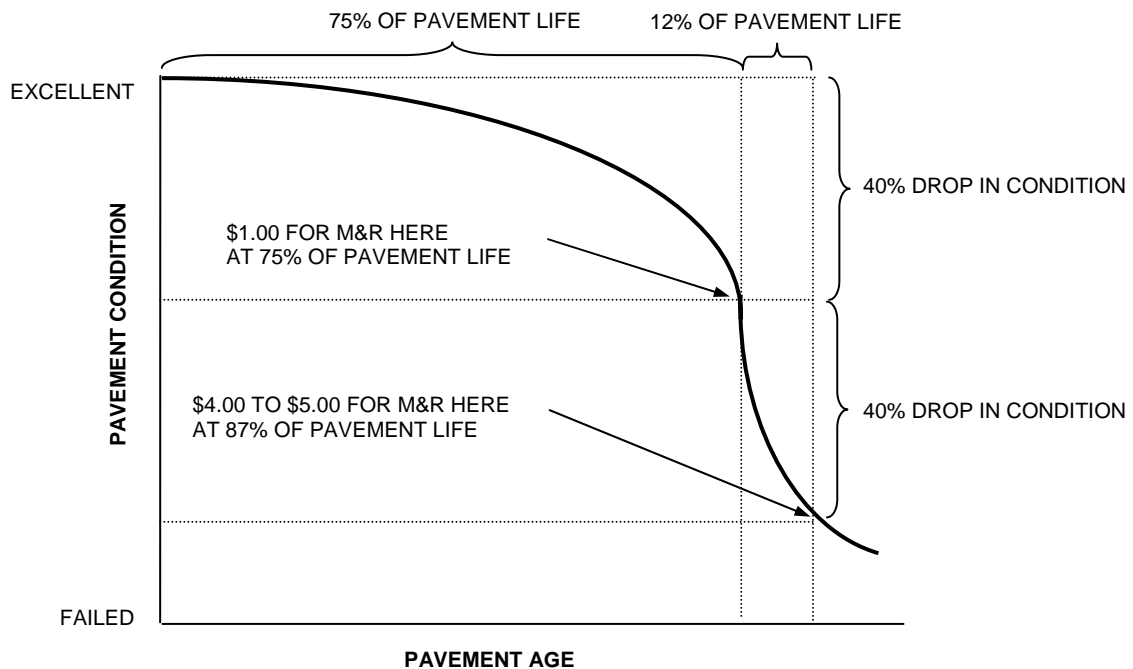


Figure 1. Pavement condition versus cost of repair.

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.




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.

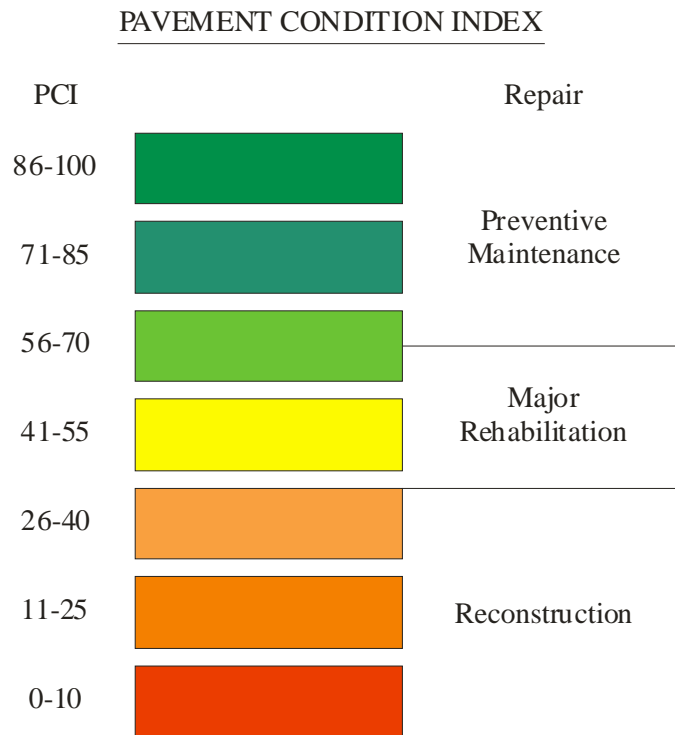


Figure 3. PCI versus repair type.

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 Middle Georgia Regional 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

Middle Georgia Regional Airport has over 4,064,638 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.

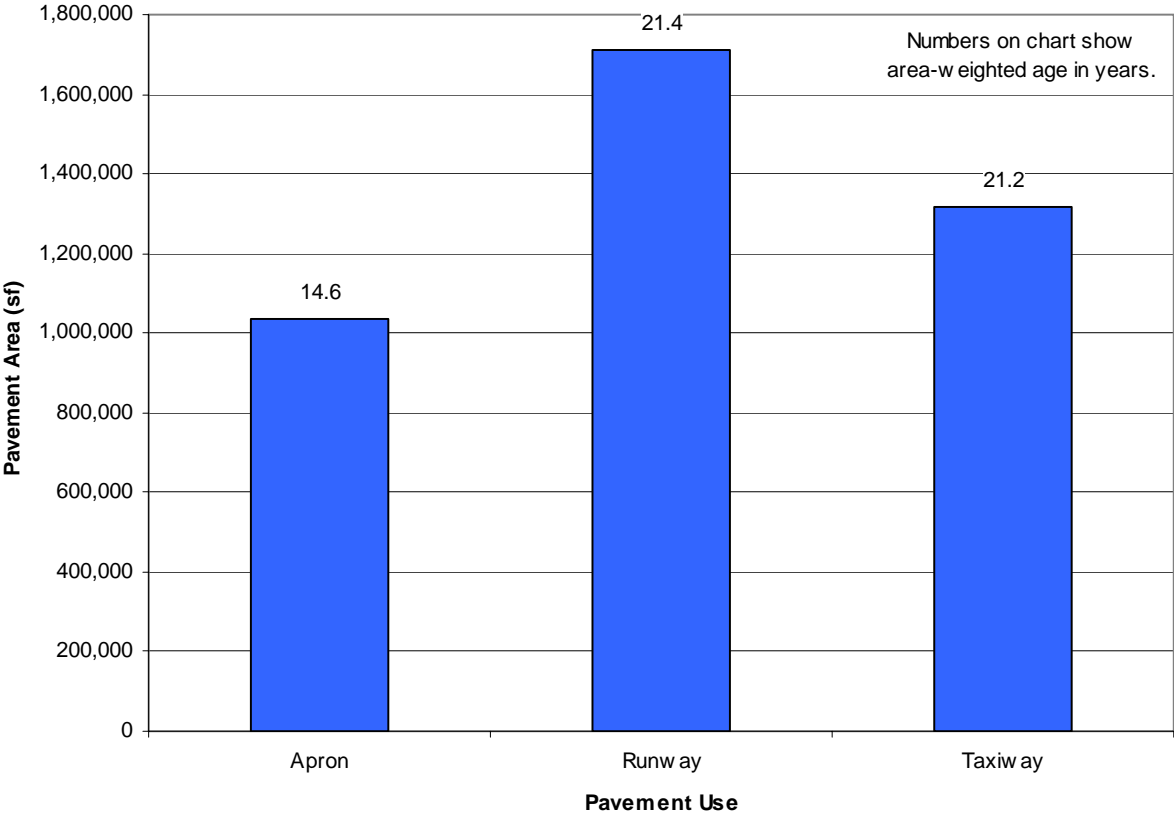


Figure 4. Pavement inventory.

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 Middle Georgia Regional Airport was completed on June 5, 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 Middle Georgia Regional Airport was completed on June 5th, 2007. Twenty-five pavement sections were defined during the inspection. All cracking observed was in an unsealed condition.

Runway 13-31

Runway 13-31 at Middle Georgia Regional Airport is defined by three pavement sections. Section R1331MGRA-10C is in fair condition with a PCI value of 65. Large amounts of low and medium-severity longitudinal and transverse (L&T) cracking as well as substantial amounts of low-severity block cracking were observed for this section. Isolated amounts of low-severity swelling and patching were also identified.

Section R1331MGRA-10N is in poor condition with a PCI value of 43. Large amounts of both low and medium severity L&T cracking were observed in this section. Moderate amounts of low-severity patching and low and medium-severity swelling and block cracking were also identified. A substantial area of low-severity raveling and weathering was also recorded.

Section R1331MGRA-10S is in poor condition with a PCI value of 52. Large quantities of medium-severity L&T cracking and low-severity swelling were observed throughout the section. Low-severity and high-severity L&T cracking as well as medium-severity swelling were observed in lesser quantities. Low-severity raveling and weathering was also identified.

Runway 5-23

Runway 5-23 at Middle Georgia Regional Airport is defined by six pavement sections. Section R523MGRA-10C is in fair condition with a PCI value of 68. Substantial quantities of low and medium-severity L&T cracking and low-severity raveling and weathering were observed in this section.

Sections R523MGRA-10N and R523MGRA-10S are in fair condition both with PCI values of 62. Distresses observed in these sections include low and medium-severity L&T cracking and raveling and weathering. A small amount of low-severity swelling was also recorded.

Section R523MGRA-20C is in poor condition with a PCI value of 36. A large quantity of bleeding as well as low-severity raveling and weathering were observed in this section. Low and medium-severity L&T cracking were also identified.

Section R523MGRA-20N is in poor condition with a PCI value of 53. Low and medium-severity L&T cracking and low-severity raveling and weathering were recorded in significant quantities. A small amount of patching was also observed.

Section R523MGRA-20S is in poor condition with a PCI value of 55. A large quantity of low-severity raveling and weathering as well as substantial quantities of both low and medium-severity L&T cracking was observed in this section.

Taxiway A

Taxiway A at Middle Georgia Regional Airport is composed of a single pavement section. Section TAMGRA-10 is in poor condition with a PCI value of 48. Substantial quantities of low and medium-severity L&T cracking and block cracking were observed. Large areas of low-severity swelling were also identified. Vegetation growth was observed in many of the cracks on this taxiway.

Taxiway B

Taxiway B consists of three pavement sections. Section TBMGRA-10 is in poor condition with a PCI value of 40. Large quantities of low and medium-severity swelling along with low and medium-severity block cracking and L&T cracking were observed. Medium-severity patching and bleeding were also identified in this section. Vegetation growth was observed in many of the cracks in this section.

Section TBMGRA-20 is in poor condition with a PCI value of 59. Low and medium-severity L&T cracking and low-severity raveling and weathering were recorded in significant amounts in this section.

Section TBMGRA-30 is in poor condition with a PCI value of 53. Large quantities of low-severity block cracking, low and medium-severity L&T cracking, low-severity raveling and weathering, and bleeding were observed in this section. Prevalent vegetation growth in the cracks was also noted.

Taxiway B3 is consists of a single pavement section. Section TB3MGRA-10 is in poor condition with a PCI value of 50. Low-severity block cracking, L&T cracking, and swelling were observed in significant quantities in this section. Low-severity raveling and weathering as well as a small amount of bleeding were also noted.

Taxiway C

Taxiway C consists of two pavement sections. TCMGRA-10 is in poor condition with a PCI value of 39. Large quantities of low and medium-severity block cracking and swelling were observed in this section. Smaller amounts of low, medium, and high-severity L&T cracking were also identified. In addition, a small amount of bleeding was noted.

Section TCMGRA-20 is in poor condition with a PCI value of 49. Large quantities of low and medium-severity L&T cracking were observed in this section. Substantial amounts of low-severity alligator cracking, block cracking, swelling, and raveling and weathering were also recorded. Additionally, medium-severity shoving was observed at locations where the asphalt comes in contact with PCC slabs.

Apron Area

The apron at Middle Georgia Regional Airport is defined by eight sections. Section A01MGRA-10 is in poor condition with a PCI value of 59. Significant amounts of both low and medium severity block cracking and low-severity raveling and weathering were identified in this section.

Additionally, a small quantity of medium-severity patching was identified. A significant amount of low-severity swelling was also noted.

Section A01MGRA-20 is in poor condition with a PCI value of 48. Distresses observed in this section included low-severity block cracking, low and medium-severity L&T cracking, and large areas of low-severity rutting and swelling. Additionally, large areas of low-severity raveling and weathering were recorded. Smaller amounts of oil spillage and medium-severity raveling and weathering were also identified.

Section A01MGRA-30 is fair condition with a PCI value of 75. Distresses observed in this section included low and medium-severity L&T cracking, an isolated area of low-severity depression, and a small area of raveling and weathering.

Section A01MGRA-40 is in good condition with a PCI value of 82. Small amounts of low and medium-severity L&T cracking along with small amounts of swelling, patching, and raveling and weathering were observed in this section.

Section A01MGRA-50 is in fair condition with a PCI value of 79. Distresses observed in this section included bleeding, low and medium-severity L&T cracking, low-severity swelling, and low and medium-severity raveling and weathering.

Section A01MGRA-60 is in fair condition with a PCI value of 62. Areas of low-severity depression, low and medium-severity L&T cracking, low-severity swelling, and low and medium-severity raveling and weathering were observed in this section.

Section A01MGRA-70 is in poor condition with a PCI value of 51. Large amounts of medium-severity block cracking and L&T cracking were identified in this section. Additionally, low-severity swelling and raveling and weathering were observed.

Section A01MGRA-80 is in fair condition with a PCI value of 65. This apron section serves as the maintenance apron for ASA Airlines. Alligator cracking was observed in this section at low, medium and high severity levels. A large amount of low-severity block cracking was also identified along with areas of low-severity depression, low and medium-severity L&T cracking, and low-severity swelling.

T-Hangar Area

The T-Hangar area at Middle Georgia Regional Airport consists of a single pavement section. Section TGAMGRA-10 is in fair condition with a PCI value of 67. A considerable amount of low-severity raveling and weathering was observed. Additionally, significant amounts of both low and medium-severity L&T cracking were identified. Smaller amounts of low and medium-severity alligator cracking, bleeding, low-severity depression, medium-severity patching, low-severity rutting, and swelling were also observed.

Overall Pavement Condition

The 2007 area-weighted condition of Middle Georgia Regional Airport is 57, with conditions ranging from 36 to 82 [on a scale of 0 (failed) to 100 (excellent)]. This compares to a 2001 PCI of 71.

Figures 6 and 7 provide graphs summarizing the overall condition of the pavements at Middle Georgia Regional 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.

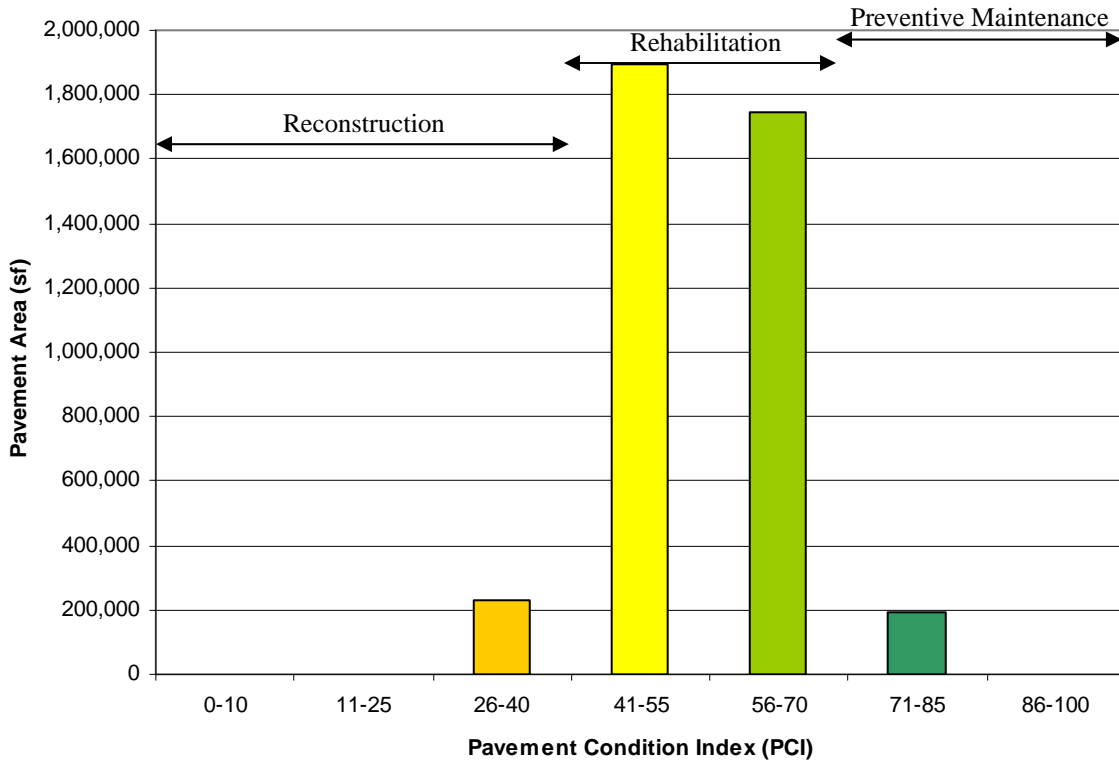


Figure 6. Condition distribution.

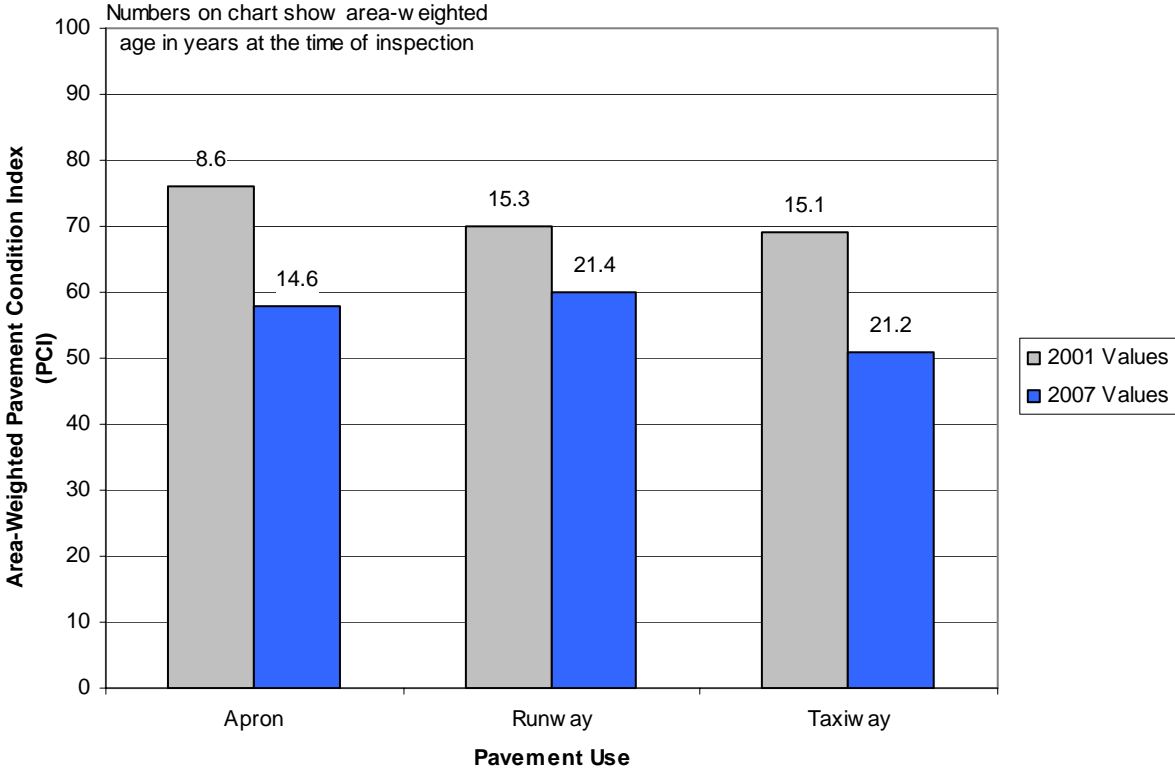


Figure 7. Condition by use.

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	
A01MGRA	10	AAC	167,742	6/1/1994	76	59	0	90	Block cracking, L&T Cracking, Patching, Swelling, Raveling & Weathering
A01MGRA	20	AAC	385,815	6/1/1990	69	48	24	64	Block cracking, L&T Cracking, Oil Spillage, Rutting, Swelling, Raveling & Weathering
A01MGRA	30	AAC	12,000	6/1/1998	100	75	0	99	Depression, L&T Cracking, Raveling & Weathering
A01MGRA	40	AAC	79,420	6/1/1998	99	82	0	89	L&T Cracking, Patching, Swelling, Raveling & Weathering
A01MGRA	50	AAC	103,271	6/1/1998	97	79	0	90	Bleeding, L&T Cracking, Oil Spillage, Swelling, Raveling & Weathering
A01MGRA	60	AAC	32,292	6/1/1998	89	62	0	88	Bleeding, Depression, L&T Cracking, Swelling, Raveling & Weathering
A01MGRA	70	AAC	175,731	6/1/1990	62	51	0	92	Block cracking, L&T Cracking, Swelling, Raveling & Weathering
A01MGRA	80	AAC	80,303	6/1/1990	77	65	51	49	Alligator cracking, Block cracking, Depression, L&T Cracking, Patching
R1331MGRA	10C	AAC	483,554	6/1/1988	67	65	0	98	Block cracking, L&T Cracking, Patching, Swelling
R1331MGRA	10N	AAC	100,693	6/1/1988	64	43	0	71	L&T Cracking, Swelling, Raveling & Weathering
R1331MGRA	10S	AAC	113,232	6/1/1988	69	52	0	68	L&T Cracking, Swelling, Raveling & Weathering
R523MGRA	10C	AAC	258,399	6/1/1984	73	68	0	100	L&T Cracking, Raveling & Weathering
R523MGRA	10N	AAC	277,689	6/1/1984	73	62	0	98	L&T Cracking, Swelling, Raveling & Weathering
R523MGRA	10S	AAC	275,943	6/1/1984	76	62	0	98	L&T Cracking, Swelling, Raveling & Weathering
R523MGRA	20C	AAC	66,347	6/1/1984	68	36	14	48	Bleeding, L&T Cracking, Rutting, Raveling & Weathering
R523MGRA	20N	AAC	68,580	6/1/1984	65	53	0	100	L&T Cracking, Patching, 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	
R523MGRA	20S	AAC	68,477	6/1/1984	68	55	0	100	Bleeding, L&T Cracking, Raveling & Weathering
TAMGRA	10	AAC	147,730	6/1/1994	66	48	0	88	Bleeding, Block cracking, L&T Cracking, Swelling, Raveling & Weathering
TB3MGRA	10	AAC	79,597	6/1/1990	76	50	0	75	Block cracking, L&T Cracking, Swelling, Raveling & Weathering
TBMGRA	10	AAC	75,147	6/1/1990	51	40	0	66	Bleeding, Block cracking, L&T Cracking, Patching, Swelling
TBMGRA	20	AAC	92,984	6/1/1990	77	59	0	100	L&T Cracking, Raveling & Weathering
TBMGRA	30	AAC	391,965	6/1/1984	64	53	0	79	Bleeding, Block cracking, L&T Cracking, Raveling & Weathering
TCMGRA	10	AAC	89,128	6/1/1980	47	39	20	58	Alligator cracking, Block cracking, L&T Cracking, Swelling, Raveling & Weathering
TCMGRA	20	AAC	359,555	6/1/1980	74	49	9	76	Alligator cracking, Block cracking, Depression, L&T Cracking, Patching, Shoving, Swelling, Raveling & Weathering
TGAMGRA	10	AC	79,044	6/1/1999	94	67	42	50	Alligator cracking, Bleeding, Depression, L&T Cracking, Patching, Rutting, Swelling, Raveling & Weathering

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 Middle Georgia Regional 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 Middle Georgia Regional 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, Middle Georgia Regional 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.

Branch ¹	Section	Year	Type of Repair ²	Estimated Cost ³
A01MGRA	10	2008	Major M&R	\$235,124
A01MGRA	20	2008	Major M&R	\$540,796
A01MGRA	30	2008	Preventive Maintenance	\$833
A01MGRA	40	2008	Preventive Maintenance	\$3,747
A01MGRA	40	2008	Rejuvenator	\$12,707
A01MGRA	50	2008	Preventive Maintenance	\$3,869
A01MGRA	60	2008	Major M&R	\$45,264
A01MGRA	70	2008	Major M&R	\$246,322
A01MGRA	80	2008	Major M&R	\$112,561
R1331MGRA	10C	2008	Major M&R	\$677,797
R1331MGRA	10N	2008	Major M&R	\$141,141
R1331MGRA	10S	2008	Major M&R	\$158,717
R523MGRA	10C	2008	Major M&R	\$362,197
R523MGRA	10N	2008	Major M&R	\$389,236
R523MGRA	10S	2008	Major M&R	\$386,789
R523MGRA	20C	2008	Major M&R	\$203,177
R523MGRA	20N	2008	Major M&R	\$96,128
R523MGRA	20S	2008	Major M&R	\$95,984
TAMGRA	10	2008	Major M&R	\$207,073
TB3MGRA	10	2008	Major M&R	\$111,571
TBMGRA	10	2008	Major M&R	\$136,531
TBMGRA	20	2008	Major M&R	\$130,335
TBMGRA	30	2008	Major M&R	\$549,416
TCMGRA	10	2008	Major M&R	\$198,935
TCMGRA	20	2008	Major M&R	\$503,987
TGAMGRA	10	2010	Major M&R	\$126,850
A01MGRA	30	2012	Preventive Maintenance	\$1,825
A01MGRA	40	2012	Preventive Maintenance	\$14,329
A01MGRA	50	2012	Preventive Maintenance	\$24,911

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 Middle Georgia Regional 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 57. A 5- year pavement repair program was generated for the Airport, which revealed that approximately \$5,718,153 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



A01MGRA-10. Overview.



A01MGRA-20. Overview.



A01MGRA-30. Overview.



A01MGRA-40. Overview.



A01MGRA-50. Overview.



A01MGRA-80. Overview.



A01MGRA-80. Alligator cracking.



R0523MGRA-10C. Overview.



R0523MGRA-10N. Overview.



R0523MGRA-10N. L&T cracking.



R0523MGRA-10S. Overview.



R0523MGRA-10S. L&T cracking.



R0523MGRA-20C. Overview.



R0523MGRA-20C. Bleeding.



R0523MGRA-20C. L&T cracking.



R0523MGRA-20N. Overview.



R0523MGRA-20S. Overview.



R1331MGRA-10C. Overview.



R1331MGRA-10C. Patch (1).



R1331MGRA-10N. Overview.



R1331MGRA-10N. Swelling (1).



R1331MGRA-10N. Swelling (2).



R1331MGRA-10S. Overview.



R1331MGRA-10S. L&T cracking (1).



R1331MGRA-10S. Swelling (1).



R1331MGRA-10S. Swelling (2).



TAMGRA-10. Overview.



TAMGRA-10. L&T cracking.



TAMGRA-10. Swelling.



TBMGRA-10. Overview.



TBMGRA-10. Block cracking.



TBMGRA-10. Swelling (1).



TBMGRA-10. Swelling (2).



TBMGRA-20. Overview.



TBMGRA-30. Overview.



TBMGRA-30. Bleeding.



TBMGRA-30. L&T cracking.



TB3MGRA-10. Overview.



TCMGRA-10. Overview.



TCMGRA-10. Block cracking.



TCMGRA-10. L&T cracking.



TCMGRA-20. Overview.



TCMGRA-20. Depression (1).



TCMGRA-20. Depression (2).



TCMGRA-20. L&T cracking.



TCMGRA-20. Shoving.



TGAMGRA-10. Overview.

APPENDIX C

INSPECTION REPORT

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: MACON-MCN Name: MIDDLE GEORGIA REGIONAL AIRPORT

Branch: A01MGRA Name: APRON 01 Use: APRON Area: 1,036,574.03SqFt

Section: 10 of 8 From: SEE MAP To: SEE MAP Last Const.: 6/1/1994

Surface: AAC Family: 2007GAAACAPRONCS Zone: Category: Rank: P

Area: 167,742.00SqFt Length: 450.00Ft Width: 400.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 6/5/2007 Total Samples: 36 Surveyed: 7

Conditions: PCI:59.00 |

Inspection Comments:

Sample Number: 02 Type: R Area: 5,000.00SqFt PCI = 61

Sample Comments:

43 BLOCK CRACKING	M	376.00	SqFt	Comments:
50 PATCHING	M	56.00	SqFt	Comments:
56 SWELLING	L	50.00	SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	78.02	Ft	Comments:
43 BLOCK CRACKING	L	154.00	SqFt	Comments:

Sample Number: 04 Type: R Area: 5,000.00SqFt PCI = 76

Sample Comments:

43 BLOCK CRACKING	L	280.00	SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	115.03	Ft	Comments:
56 SWELLING	L	120.00	SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	50.01	Ft	Comments:

Sample Number: 06 Type: R Area: 5,000.00SqFt PCI = 67

Sample Comments:

43 BLOCK CRACKING	L	490.00	SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	207.05	Ft	Comments:
56 SWELLING	L	100.00	SqFt	Comments:

Sample Number: 22 Type: R Area: 5,000.00SqFt PCI = 49

Sample Comments:

43 BLOCK CRACKING	L	2,499.98	SqFt	Comments:
43 BLOCK CRACKING	M	2,499.98	SqFt	Comments:
56 SWELLING	L	250.00	SqFt	Comments:

Sample Number: 26 Type: R Area: 5,000.00SqFt PCI = 57

Sample Comments:

43 BLOCK CRACKING	L	664.99	SqFt	Comments:
43 BLOCK CRACKING	M	664.99	SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	172.04	Ft	Comments:
56 SWELLING	L	200.00	SqFt	Comments:

Sample Number: 29 Type: R Area: 5,000.00SqFt PCI = 52

Sample Comments:

43 BLOCK CRACKING	L	2,699.98	SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	50.01	Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	282.07	Ft	Comments:
56 SWELLING	L	300.00	SqFt	Comments:
52 WEATHERING/RAVELING	L	100.00	SqFt	Comments:

Sample Number: 32 Type: R Area: 5,000.00SqFt PCI = 52

Sample Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

43	BLOCK CRACKING	L	1,999.98	SqFt	Comments:
52	WEATHERING/RAVELING	L	4,999.96	SqFt	Comments:
56	SWELLING	L	500.00	SqFt	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	150.04	Ft	Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: MACON-MCN Name: MIDDLE GEORGIA REGIONAL AIRPORT

Branch: A01MGRA Name: APRON 01 Use: APRON Area: 1,036,574.03SqFt

Section: 20 of 8 From: SEE MAP To: SEE MAP Last Const.: 6/1/1990

Surface: AAC Family: 2007GAAACAPRONCS Zone: Category: Rank: P

Area: 385,815.01SqFt Length: 1,330.00Ft Width: 290.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 6/5/2007 Total Samples: 78 Surveyed: 8

Conditions: PCI:48.00 |

Inspection Comments:

Sample Number: 17 Type: R Area: 5,625.00SqFt PCI = 54

Sample Comments:

52 WEATHERING/RAVELING	L	500.00	SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	503.13	Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	105.03	Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	20.01	Ft	Comments:s
56 SWELLING	L	25.00	SqFt	Comments:

Sample Number: 23 Type: R Area: 4,500.00SqFt PCI = 40

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	M	556.14	Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	122.03	Ft	Comments:s
56 SWELLING	L	245.00	SqFt	Comments:
52 WEATHERING/RAVELING	L	450.00	SqFt	Comments:
52 WEATHERING/RAVELING	M	15.00	SqFt	Comments:

Sample Number: 29 Type: R Area: 3,750.00SqFt PCI = 44

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	M	569.15	Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	118.03	Ft	Comments:u
56 SWELLING	L	25.00	SqFt	Comments:
52 WEATHERING/RAVELING	L	500.00	SqFt	Comments:

Sample Number: 38 Type: R Area: 5,625.00SqFt PCI = 56

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	455.12	Ft	Comments:s
48 LONGITUDINAL/TRANSVERSE CRACKING	M	350.09	Ft	Comments:
56 SWELLING	L	250.00	SqFt	Comments:
52 WEATHERING/RAVELING	L	500.00	SqFt	Comments:

Sample Number: 49 Type: R Area: 4,200.00SqFt PCI = 27

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	354.09	Ft	Comments:s
48 LONGITUDINAL/TRANSVERSE CRACKING	L	222.06	Ft	Comments:u
48 LONGITUDINAL/TRANSVERSE CRACKING	M	98.03	Ft	Comments:
56 SWELLING	L	85.00	SqFt	Comments:
49 OIL SPILLAGE	N	300.00	SqFt	Comments:
53 RUTTING	L	4,199.97	SqFt	Comments:

Sample Number: 57 Type: R Area: 5,625.00SqFt PCI = 52

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	M	450.12	Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	305.08	Ft	Comments:
43 BLOCK CRACKING	L	699.99	SqFt	Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

56 SWELLING	L	600.00 SqFt	Comments:
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Sample Number: 64	Type: R	Area: 5,625.00SqFt	PCI = 51
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Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	M	450.12 Ft	Comments:
43 BLOCK CRACKING	L	824.99 SqFt	Comments:s
43 BLOCK CRACKING	L	824.98 SqFt	Comments:u
56 SWELLING	L	250.00 SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	58.01 Ft	Comments:
52 WEATHERING/RAVELING	L	15.00 SqFt	Comments:

Sample Number: 73	Type: R	Area: 5,625.00SqFt	PCI = 52
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Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	M	450.12 Ft	Comments:
43 BLOCK CRACKING	L	1,684.99 SqFt	Comments:u
43 BLOCK CRACKING	L	190.00 SqFt	Comments:s
56 SWELLING	L	490.00 SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	50.01 Ft	Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: MACON-MCN Name: MIDDLE GEORGIA REGIONAL AIRPORT

Branch: A01MGRA Name: APRON 01 Use: APRON Area: 1,036,574.03SqFt

Section: 30 of 8 From: SEE MAP To: SEE MAP Last Const.: 6/1/1998

Surface: AAC Family: 2007GAAACAPRONCS Zone: Category: Rank: P

Area: 12,000.00SqFt Length: 40.00Ft Width: 350.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 6/5/2007 Total Samples: 2 Surveyed: 2

Conditions: PCI:75.00 |

Inspection Comments:

Sample Number: 01 Type: R Area: 6,000.00SqFt PCI = 75

Sample Comments:

45 DEPRESSION L 7.00 SqFt Comments:

52 WEATHERING/RAVELING L 250.00 SqFt Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 94.02 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 100.03 Ft Comments:

Sample Number: 02 Type: R Area: 6,000.00SqFt PCI = 74

Sample Comments:

52 WEATHERING/RAVELING M 2.00 SqFt Comments:

52 WEATHERING/RAVELING L 60.00 SqFt Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 98.03 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 63.02 Ft Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: MACON-MCN Name: MIDDLE GEORGIA REGIONAL AIRPORT

Branch: A01MGRA Name: APRON 01 Use: APRON Area: 1,036,574.03SqFt

Section: 40 of 8 From: SEE MAP To: SEE MAP Last Const.: 6/1/1998

Surface: AAC Family: 2007GAAACAPRONCS Zone: Category: Rank: P

Area: 79,420.00SqFt Length: 820.00Ft Width: 75.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 6/5/2007 Total Samples: 16 Surveyed: 7

Conditions: PCI:82.00 |

Inspection Comments:

Sample Number: 01 Type: R Area: 4,875.00SqFt PCI = 84

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 52.01 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 34.01 Ft Comments:

Sample Number: 03 Type: R Area: 4,875.00SqFt PCI = 90

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 95.02 Ft Comments:

56 SWELLING L 20.00 SqFt Comments:

52 WEATHERING/RAVELING L 10.00 SqFt Comments:

Sample Number: 04 Type: R Area: 4,875.00SqFt PCI = 85

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 178.05 Ft Comments:

56 SWELLING L 25.00 SqFt Comments:

52 WEATHERING/RAVELING L 25.00 SqFt Comments:

Sample Number: 07 Type: R Area: 5,750.00SqFt PCI = 79

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 80.02 Ft Comments:

56 SWELLING L 25.00 SqFt Comments:

50 PATCHING M 160.00 SqFt Comments:

Sample Number: 10 Type: R Area: 5,610.00SqFt PCI = 83

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 206.05 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 69.02 Ft Comments:

Sample Number: 12 Type: R Area: 4,840.00SqFt PCI = 71

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 241.06 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 80.02 Ft Comments:

56 SWELLING L 350.00 SqFt Comments:

52 WEATHERING/RAVELING L 100.00 SqFt Comments:

Sample Number: 14 Type: R Area: 3,650.00SqFt PCI = 80

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 150.04 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 31.01 Ft Comments:

56 SWELLING L 25.00 SqFt Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: MACON-MCN Name: MIDDLE GEORGIA REGIONAL AIRPORT

Branch: A01MGRA Name: APRON 01 Use: APRON Area: 1,036,574.03SqFt

Section: 50 of 8 From: SEE MAP To: SEE MAP Last Const.: 6/1/1998

Surface: AAC Family: 2007GAAACAPRONCS Zone: Category: Rank: P

Area: 103,271.00SqFt Length: 180.00Ft Width: 600.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 6/5/2007 Total Samples: 24 Surveyed: 6

Conditions: PCI: 79.00 |

Inspection Comments:

Sample Number: 02 Type: R Area: 4,500.00SqFt PCI = 81

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 261.07 Ft Comments:

56 SWELLING L 28.00 SqFt Comments:

Sample Number: 06 Type: R Area: 4,500.00SqFt PCI = 72

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 180.05 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 36.01 Ft Comments:

52 WEATHERING/RAVELING L 500.00 SqFt Comments:

52 WEATHERING/RAVELING M 40.00 SqFt Comments:

Sample Number: 12 Type: R Area: 4,500.00SqFt PCI = 85

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 100.03 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 22.01 Ft Comments:

56 SWELLING L 10.00 SqFt Comments:

Sample Number: 16 Type: R Area: 4,500.00SqFt PCI = 73

Sample Comments:

49 OIL SPILLAGE N 15.00 SqFt Comments:

42 BLEEDING N 15.00 SqFt Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 275.07 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 47.01 Ft Comments:

Sample Number: 19 Type: R Area: 4,125.00SqFt PCI = 80

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 23.01 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 79.02 Ft Comments:

Sample Number: 23 Type: R Area: 4,125.00SqFt PCI = 80

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 215.06 Ft Comments:

52 WEATHERING/RAVELING L 250.00 SqFt Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: MACON-MCN Name: MIDDLE GEORGIA REGIONAL AIRPORT

Branch: A01MGRA Name: APRON 01 Use: APRON Area: 1,036,574.03SqFt

Section: 60 of 8 From: SEE MAP To: SEE MAP Last Const.: 6/1/1998
Surface: AAC Family: 2007GAAACAPRONCS Zone: Category: Rank: P
Area: 32,292.00SqFt Length: 400.00Ft Width: 80.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

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

Conditions: PCI:62.00 |

Inspection Comments:

Sample Number: 01 Type: R Area: 4,000.00SqFt PCI = 57

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	133.03	Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	100.03	Ft	Comments:
52	WEATHERING/RAVELING	L	400.00	SqFt	Comments:
52	WEATHERING/RAVELING	M	100.00	SqFt	Comments:
56	SWELLING	L	100.00	SqFt	Comments:
45	DEPRESSION	L	75.00	SqFt	Comments:

Sample Number: 03 Type: R Area: 6,000.00SqFt PCI = 58

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	125.03	Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	321.08	Ft	Comments:
52	WEATHERING/RAVELING	L	250.00	SqFt	Comments:
56	SWELLING	L	150.00	SqFt	Comments:

Sample Number: 04 Type: R Area: 6,000.00SqFt PCI = 63

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	M	265.07	Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	L	129.03	Ft	Comments:
56	SWELLING	L	50.00	SqFt	Comments:
52	WEATHERING/RAVELING	L	400.00	SqFt	Comments:

Sample Number: 06 Type: R Area: 6,000.00SqFt PCI = 68

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	M	185.05	Ft	Comments:
52	WEATHERING/RAVELING	L	400.00	SqFt	Comments:
42	BLEEDING	N	4.00	SqFt	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	L	158.04	Ft	Comments:
56	SWELLING	L	35.00	SqFt	Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: MACON-MCN Name: MIDDLE GEORGIA REGIONAL AIRPORT

Branch: A01MGRA Name: APRON 01 Use: APRON Area: 1,036,574.03SqFt

Section: 70 of 8 From: SEE MAP To: SEE MAP Last Const.: 6/1/1990
Surface: AAC Family: 2007GAAACAPRONCS Zone: Category: Rank: P
Area: 175,731.00SqFt Length: 470.00Ft Width: 350.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 6/5/2007 Total Samples: 38 Surveyed: 7

Conditions: PCI:51.00 |

Inspection Comments:

Sample Number: 02 Type: R Area: 3,750.00SqFt PCI = 44

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	M	493.13 Ft	Comments:
43 BLOCK CRACKING	L	280.00 SqFt	Comments:
56 SWELLING	L	250.00 SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	124.03 Ft	Comments:

Sample Number: 06 Type: R Area: 5,625.00SqFt PCI = 70

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	490.13 Ft	Comments:
43 BLOCK CRACKING	L	1,749.99 SqFt	Comments:

Sample Number: 15 Type: R Area: 3,750.00SqFt PCI = 36

Sample Comments:

43 BLOCK CRACKING	M	2,999.98 SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	134.03 Ft	Comments:
56 SWELLING	L	115.00 SqFt	Comments:
56 SWELLING	L	5.00 SqFt	Comments:
52 WEATHERING/RAVELING	L	150.00 SqFt	Comments:

Sample Number: 19 Type: R Area: 5,625.00SqFt PCI = 48

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	M	420.11 Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	237.06 Ft	Comments:
43 BLOCK CRACKING	M	739.99 SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	242.06 Ft	Comments:
56 SWELLING	L	281.00 SqFt	Comments:

Sample Number: 22 Type: R Area: 5,625.00SqFt PCI = 48

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	M	350.09 Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	230.06 Ft	Comments:
43 BLOCK CRACKING	L	490.00 SqFt	Comments:
56 SWELLING	L	232.00 SqFt	Comments:
52 WEATHERING/RAVELING	L	200.00 SqFt	Comments:

Sample Number: 28 Type: R Area: 3,000.00SqFt PCI = 40

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	M	258.07 Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	132.03 Ft	Comments:
56 SWELLING	L	250.00 SqFt	Comments:
43 BLOCK CRACKING	M	1,499.99 SqFt	Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Sample Number: 36	Type: R	Area:	4,500.00SqFt	PCI = 58
Sample Comments:				
48	LONGITUDINAL/TRANSVERSE CRACKING	M	342.09 Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	L	111.03 Ft	Comments:
43	BLOCK CRACKING	L	108.00 SqFt	Comments:
43	BLOCK CRACKING	L	30.00 SqFt	Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: MACON-MCN Name: MIDDLE GEORGIA REGIONAL AIRPORT

Branch: A01MGRA Name: APRON 01 Use: APRON Area: 1,036,574.03SqFt

Section: 80 of 8 From: SEE MAP To: SEE MAP Last Const.: 6/1/1990
Surface: AAC Family: 2007GAAACAPRONCS Zone: Category: Rank: P
Area: 80,303.00SqFt Length: 440.00Ft Width: 150.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

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

Conditions: PCI:65.00 |

Inspection Comments:

Sample Number: 03 Type: R Area: 5,000.00SqFt PCI = 71

Sample Comments:

41 ALLIGATOR CRACKING	L	25.00 SqFt	Comments:
43 BLOCK CRACKING	L	250.00 SqFt	Comments:
50 PATCHING	L	64.00 SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	50.01 Ft	Comments:

Sample Number: 05 Type: R Area: 5,625.00SqFt PCI = 73

Sample Comments:

43 BLOCK CRACKING	L	500.00 SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	155.04 Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	50.01 Ft	Comments:
45 DEPRESSION	L	10.00 SqFt	Comments:

Sample Number: 10 Type: R Area: 5,625.00SqFt PCI = 64

Sample Comments:

43 BLOCK CRACKING	L	5,624.95 SqFt	Comments:
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Sample Number: 12 Type: R Area: 5,625.00SqFt PCI = 66

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	378.10 Ft	Comments:
41 ALLIGATOR CRACKING	H	25.00 SqFt	Comments:

Sample Number: 13 Type: R Area: 5,625.00SqFt PCI = 50

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	450.12 Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	122.03 Ft	Comments:
41 ALLIGATOR CRACKING	M	100.00 SqFt	Comments:
41 ALLIGATOR CRACKING	L	50.00 SqFt	Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: MACON-MCN Name: MIDDLE GEORGIA REGIONAL AIRPORT

Branch: R1331MGRA Name: RUNWAY 13/31 Use: RUNWAY Area: 697,479.01SqFt

Section: 10C of 3 From: APPROACH END 13 To: RW END 30 Last Const.: 6/1/1988

Surface: AAC Family: 2007GAAACRWYCS75 Zone: Category: Rank: P

Area: 483,554.01SqFt Length: 4,700.00Ft Width: 100.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 6/5/2007 Total Samples: 95 Surveyed: 11

Conditions: PCI:65.00 |

Inspection Comments:

Sample Number: 08 Type: R Area: 5,000.00SqFt PCI = 73

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 450.12 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 87.02 Ft Comments:

Sample Number: 17 Type: R Area: 5,000.00SqFt PCI = 74

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 315.08 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 150.04 Ft Comments:

56 SWELLING L 15.00 SqFt Comments:

Sample Number: 26 Type: R Area: 5,000.00SqFt PCI = 60

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 450.12 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 150.04 Ft Comments:

Sample Number: 35 Type: R Area: 5,000.00SqFt PCI = 69

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 413.11 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 250.06 Ft Comments:

Sample Number: 44 Type: R Area: 5,000.00SqFt PCI = 68

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 487.12 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 250.06 Ft Comments:

Sample Number: 53 Type: R Area: 5,000.00SqFt PCI = 65

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 447.11 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 327.08 Ft Comments:

Sample Number: 63 Type: R Area: 5,000.00SqFt PCI = 62

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 768.20 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 300.08 Ft Comments:

Sample Number: 71 Type: R Area: 5,000.00SqFt PCI = 66

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 310.08 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 407.10 Ft Comments:

Sample Number: 78 Type: R Area: 5,000.00SqFt PCI = 58

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 765.20 Ft Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

48	LONGITUDINAL/TRANSVERSE CRACKING	M	75.02	Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	L	175.04	Ft	Comments:
50	PATCHING	L	429.00	SqFt	Comments:

Sample Number: 80 Type: R Area: 5,000.00SqFt PCI = 57

Sample Comments:

43	BLOCK CRACKING	L	500.00	SqFt	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	L	476.12	Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	350.09	Ft	Comments:

Sample Number: 88 Type: A Area: 5,000.00SqFt PCI = 57

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	692.18	Ft	Comments:
56	SWELLING	L	20.00	SqFt	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	320.08	Ft	Comments:
50	PATCHING	L	342.00	SqFt	Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: MACON-MCN Name: MIDDLE GEORGIA REGIONAL AIRPORT

Branch: R1331MGRA Name: RUNWAY 13/31 Use: RUNWAY Area: 697,479.01SqFt

Section: 10N of 3 From: 300' FROM 13 END To: RADIUS OF TWC @ 30 END Last Const.: 6/1/1988
Surface: AAC Family: 2007GAAACRWYCS75 Zone: Category: Rank: P
Area: 100,693.00SqFt Length: 3,955.00Ft Width: 25.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

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

Conditions: PCI:43.00 |

Inspection Comments:

Sample Number: 01 Type: R Area: 5,000.00SqFt PCI = 50

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	M	450.12 Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	L	100.03 Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	H	25.01 Ft	Comments:
56	SWELLING	L	200.00 SqFt	Comments:

Sample Number: 05 Type: R Area: 5,000.00SqFt PCI = 44

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	H	10.00 Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	650.17 Ft	Comments:
56	SWELLING	L	450.00 SqFt	Comments:
56	SWELLING	M	120.00 SqFt	Comments:

Sample Number: 09 Type: R Area: 5,000.00SqFt PCI = 48

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	59.02 Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	525.13 Ft	Comments:
56	SWELLING	L	250.00 SqFt	Comments:
52	WEATHERING/RAVELING	L	250.00 SqFt	Comments:

Sample Number: 13 Type: R Area: 5,000.00SqFt PCI = 33

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	90.02 Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	922.24 Ft	Comments:
56	SWELLING	L	225.00 SqFt	Comments:
56	SWELLING	M	50.00 SqFt	Comments:
52	WEATHERING/RAVELING	L	250.00 SqFt	Comments:

Sample Number: 17 Type: R Area: 5,000.00SqFt PCI = 43

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	M	675.17 Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	L	87.02 Ft	Comments:
52	WEATHERING/RAVELING	L	500.00 SqFt	Comments:
56	SWELLING	L	525.00 SqFt	Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: MACON-MCN Name: MIDDLE GEORGIA REGIONAL AIRPORT

Branch: R1331MGRA Name: RUNWAY 13/31 Use: RUNWAY Area: 697,479.01SqFt

Section: 10S of 3 From: 100' FROM APP END 13 To: 30 END OF RW Last Const.: 6/1/1988

Surface: AAC Family: 2007GAAACRWYCS75 Zone: Category: Rank: P

Area: 113,232.00SqFt Length: 4,520.00Ft Width: 25.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

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

Conditions: PCI:52.00 |

Inspection Comments:

Sample Number: 03 Type: R Area: 5,000.00SqFt PCI = 61

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 425.11 Ft Comments:

56 SWELLING L 425.00 SqFt Comments:

Sample Number: 06 Type: R Area: 5,000.00SqFt PCI = 40

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING H 50.01 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 500.13 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 150.04 Ft Comments:

56 SWELLING L 200.00 SqFt Comments:

56 SWELLING M 50.00 SqFt Comments:

52 WEATHERING/RAVELING L 100.00 SqFt Comments:

Sample Number: 09 Type: R Area: 5,000.00SqFt PCI = 54

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 175.04 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 100.03 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 200.05 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 200.05 Ft Comments:

56 SWELLING L 325.00 SqFt Comments:

Sample Number: 12 Type: R Area: 5,000.00SqFt PCI = 48

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 675.17 Ft Comments:

56 SWELLING L 580.00 SqFt Comments:

56 SWELLING M 30.00 SqFt Comments:

Sample Number: 15 Type: R Area: 5,000.00SqFt PCI = 40

Sample Comments:

56 SWELLING L 575.00 SqFt Comments:

56 SWELLING M 25.00 SqFt Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 790.40 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 68.02 Ft Comments:

Sample Number: 18 Type: R Area: 5,000.00SqFt PCI = 67

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 200.05 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 291.07 Ft Comments:

56 SWELLING L 350.00 SqFt Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: MACON-MCN Name: MIDDLE GEORGIA REGIONAL AIRPORT

Branch: R523MGRA Name: RUNWAY 5/23 Use: RUNWAY Area: 1,015,435.00SqFt

Section: 10C of 6 From: APPROACH END 05 To: R523-20C Last Const.: 6/1/1984

Surface: AAC Family: 2007GAAACRWYCS75 Zone: Category: Rank: P

Area: 258,399.00SqFt Length: 5,180.00Ft Width: 50.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 6/5/2007 Total Samples: 52 Surveyed: 7

Conditions: PCI:68.00 |

Inspection Comments:

Sample Number: 02 Type: R Area: 5,000.00SqFt PCI = 59

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 489.13 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 209.05 Ft Comments:

Sample Number: 09 Type: R Area: 5,000.00SqFt PCI = 56

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 400.10 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 460.12 Ft Comments:

52 WEATHERING/RAVELING L 1,499.99 SqFt Comments:

Sample Number: 16 Type: R Area: 5,000.00SqFt PCI = 50

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 450.12 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 154.04 Ft Comments:

52 WEATHERING/RAVELING L 400.00 SqFt Comments:

52 WEATHERING/RAVELING M 15.00 SqFt Comments:

Sample Number: 23 Type: R Area: 5,000.00SqFt PCI = 94

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 4.00 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 4.00 Ft Comments:

Sample Number: 30 Type: R Area: 5,000.00SqFt PCI = 72

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 503.13 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 122.03 Ft Comments:

Sample Number: 37 Type: R Area: 5,000.00SqFt PCI = 76

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 331.08 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 148.04 Ft Comments:

Sample Number: 44 Type: R Area: 5,000.00SqFt PCI = 72

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 397.10 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 200.05 Ft Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: MACON-MCN Name: MIDDLE GEORGIA REGIONAL AIRPORT

Branch: R523MGRA Name: RUNWAY 5/23 Use: RUNWAY Area: 1,015,435.00SqFt

Section: 10N of 6 From: APPROACH END 05 To: R523-20N Last Const.: 6/1/1984

Surface: AAC Family: 2007GAAACRWYCS75 Zone: Category: Rank: P

Area: 277,689.00SqFt Length: 5,135.00Ft Width: 50.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 6/5/2007 Total Samples: 54 Surveyed: 7

Conditions: PCI:62.00 |

Inspection Comments:

Sample Number: 03 Type: R Area: 5,000.00SqFt PCI = 50

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 100.03 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 620.16 Ft Comments:

52 WEATHERING/RAVELING L 500.00 SqFt Comments:

Sample Number: 10 Type: R Area: 5,000.00SqFt PCI = 47

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 200.05 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 638.16 Ft Comments:

56 SWELLING L 20.00 SqFt Comments:

52 WEATHERING/RAVELING L 500.00 SqFt Comments:

Sample Number: 20 Type: R Area: 5,000.00SqFt PCI = 65

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 450.12 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 245.06 Ft Comments:

52 WEATHERING/RAVELING M 25.00 SqFt Comments:

52 WEATHERING/RAVELING L 40.00 SqFt Comments:

Sample Number: 27 Type: R Area: 5,000.00SqFt PCI = 65

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 330.08 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 200.05 Ft Comments:

Sample Number: 34 Type: R Area: 5,000.00SqFt PCI = 69

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 260.07 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 264.07 Ft Comments:

Sample Number: 41 Type: R Area: 5,000.00SqFt PCI = 71

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 161.04 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 212.05 Ft Comments:

Sample Number: 48 Type: R Area: 5,000.00SqFt PCI = 65

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 244.06 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 344.09 Ft Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: MACON-MCN Name: MIDDLE GEORGIA REGIONAL AIRPORT

Branch: R523MGRA Name: RUNWAY 5/23 Use: RUNWAY Area: 1,015,435.00SqFt

Section: 10S of 6 From: APPROACH END 05 To: R523-20S Last Const.: 6/1/1984
Surface: AAC Family: 2007GAAACRWYCS75 Zone: Category: Rank: P
Area: 275,943.00SqFt Length: 5,135.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 6/5/2007 Total Samples: 54 Surveyed: 7

Conditions: PCI:62.00 |

Inspection Comments:

Sample Number: 03 Type: R Area: 5,000.00SqFt PCI = 58

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	M	391.10 Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	L	147.04 Ft	Comments:
52	WEATHERING/RAVELING	L	450.00 SqFt	Comments:

Sample Number: 10 Type: R Area: 5,000.00SqFt PCI = 52

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	174.04 Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	500.13 Ft	Comments:
56	SWELLING	L	15.00 SqFt	Comments:
52	WEATHERING/RAVELING	L	400.00 SqFt	Comments:

Sample Number: 20 Type: R Area: 5,000.00SqFt PCI = 50

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	M	452.12 Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	L	200.05 Ft	Comments:
52	WEATHERING/RAVELING	L	500.00 SqFt	Comments:
52	WEATHERING/RAVELING	M	20.00 SqFt	Comments:

Sample Number: 27 Type: R Area: 5,000.00SqFt PCI = 58

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	M	506.13 Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	L	106.03 Ft	Comments:

Sample Number: 34 Type: R Area: 5,000.00SqFt PCI = 70

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	200.05 Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	243.06 Ft	Comments:

Sample Number: 41 Type: R Area: 5,000.00SqFt PCI = 68

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	M	278.07 Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	L	194.05 Ft	Comments:

Sample Number: 48 Type: R Area: 5,000.00SqFt PCI = 77

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	200.05 Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	L	141.04 Ft	Comments:
52	WEATHERING/RAVELING	L	500.00 SqFt	Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: MACON-MCN Name: MIDDLE GEORGIA REGIONAL AIRPORT

Branch: R523MGRA Name: RUNWAY 5/23 Use: RUNWAY Area: 1,015,435.00SqFt

Section: 20C of 6 From: R523-10C To: RW END 23 Last Const.: 6/1/1984

Surface: AAC Family: 2007GAAACRWYCS75 Zone: Category: Rank: P

Area: 66,347.00SqFt Length: 1,320.00Ft Width: 50.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 6/5/2007 Total Samples: 13 Surveyed: 5

Conditions: PCI:36.00 |

Inspection Comments:

Sample Number: 02 Type: R Area: 5,000.00SqFt PCI = 36

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	409.10	Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	232.06	Ft	Comments:
42	BLEEDING	N	699.99	SqFt	Comments:
52	WEATHERING/RAVELING	L	999.99	SqFt	Comments:
53	RUTTING	L	100.00	SqFt	Comments:

Sample Number: 04 Type: R Area: 5,000.00SqFt PCI = 56

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	M	145.04	Ft	Comments:
42	BLEEDING	N	145.00	SqFt	Comments:
52	WEATHERING/RAVELING	L	10.00	SqFt	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	L	662.17	Ft	Comments:
53	RUTTING	L	100.00	SqFt	Comments:

Sample Number: 06 Type: R Area: 5,000.00SqFt PCI = 30

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	380.10	Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	380.10	Ft	Comments:
42	BLEEDING	N	999.99	SqFt	Comments:
52	WEATHERING/RAVELING	L	999.99	SqFt	Comments:
53	RUTTING	L	100.00	SqFt	Comments:

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

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	546.14	Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	200.05	Ft	Comments:
42	BLEEDING	N	400.00	SqFt	Comments:
52	WEATHERING/RAVELING	L	2,499.98	SqFt	Comments:
53	RUTTING	L	100.00	SqFt	Comments:

Sample Number: 11 Type: R Area: 5,000.00SqFt PCI = 21

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	M	375.10	Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	L	331.08	Ft	Comments:
52	WEATHERING/RAVELING	L	1,249.99	SqFt	Comments:
42	BLEEDING	N	2,699.98	SqFt	Comments:
53	RUTTING	L	100.00	SqFt	Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: MACON-MCN Name: MIDDLE GEORGIA REGIONAL AIRPORT

Branch: R523MGRA Name: RUNWAY 5/23 Use: RUNWAY Area: 1,015,435.00SqFt

Section: 20N of 6 From: R523-10N To: RW END 23 Last Const.: 6/1/1984
Surface: AAC Family: 2007GAAACRWYCS75 Zone: Category: Rank: P
Area: 68,580.00SqFt Length: 1,350.00Ft Width: 50.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

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

Conditions: PCI:53.00 |

Inspection Comments:

Sample Number: 02 Type: R Area: 5,000.00SqFt PCI = 56

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	643.16 Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	443.11 Ft	Comments:
52	WEATHERING/RAVELING	L	500.00 SqFt	Comments:

Sample Number: 05 Type: R Area: 5,000.00SqFt PCI = 51

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	654.17 Ft	Comments:
52	WEATHERING/RAVELING	L	1,249.99 SqFt	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	500.13 Ft	Comments:

Sample Number: 08 Type: R Area: 5,000.00SqFt PCI = 50

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	809.21 Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	508.13 Ft	Comments:
52	WEATHERING/RAVELING	L	999.99 SqFt	Comments:

Sample Number: 11 Type: R Area: 5,000.00SqFt PCI = 53

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	M	487.12 Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	L	700.18 Ft	Comments:
52	WEATHERING/RAVELING	L	250.00 SqFt	Comments:

Sample Number: 14 Type: R Area: 5,000.00SqFt PCI = 56

Sample Comments:

50	PATCHING	L	1.00 SqFt	Comments:
52	WEATHERING/RAVELING	L	4,999.96 SqFt	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	L	200.05 Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	356.09 Ft	Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: MACON-MCN Name: MIDDLE GEORGIA REGIONAL AIRPORT

Branch: R523MGRA Name: RUNWAY 5/23 Use: RUNWAY Area: 1,015,435.00SqFt

Section: 20S of 6 From: R523-10S To: RW END 23 Last Const.: 6/1/1984

Surface: AAC Family: 2007GAAACRWYCS75 Zone: Category: Rank: P

Area: 68,477.00SqFt Length: 1,350.00Ft Width: 50.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

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

Conditions: PCI:55.00 |

Inspection Comments:

Sample Number: 02 Type: R Area: 5,000.00SqFt PCI = 56

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 472.12 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 352.09 Ft Comments:

42 BLEEDING N 11.00 SqFt Comments:

52 WEATHERING/RAVELING L 1,499.99 SqFt Comments:

Sample Number: 05 Type: R Area: 5,000.00SqFt PCI = 53

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 525.13 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 342.09 Ft Comments:

42 BLEEDING N 10.00 SqFt Comments:

52 WEATHERING/RAVELING L 2,499.98 SqFt Comments:

Sample Number: 08 Type: R Area: 5,000.00SqFt PCI = 54

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 400.10 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 396.10 Ft Comments:

42 BLEEDING N 10.00 SqFt Comments:

52 WEATHERING/RAVELING L 2,499.98 SqFt Comments:

Sample Number: 11 Type: R Area: 5,000.00SqFt PCI = 51

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 388.10 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 400.10 Ft Comments:

52 WEATHERING/RAVELING L 4,999.96 SqFt Comments:

Sample Number: 14 Type: R Area: 5,000.00SqFt PCI = 59

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 340.09 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 92.02 Ft Comments:

52 WEATHERING/RAVELING L 4,999.96 SqFt Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: MACON-MCN Name: MIDDLE GEORGIA REGIONAL AIRPORT

Branch: TAMGRA Name: TAXIWAY A Use: TAXIWAY Area: 147,730.00SqFt

Section: 10 of 1 From: WEST EDGE OF APRON To: TWC-10 Last Const.: 6/1/1994

Surface: AAC Family: 2007GAAACTWYCSSOUTH Zone: Category: Rank: P

Area: 147,730.00SqFt Length: 1,350.00Ft Width: 100.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

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

Conditions: PCI:48.00 |

Inspection Comments:

Sample Number: 05 Type: R Area: 3,750.00SqFt PCI = 54

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 72.02 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 266.07 Ft Comments:

43 BLOCK CRACKING L 145.00 SqFt Comments:

56 SWELLING L 100.00 SqFt Comments:

Sample Number: 09 Type: R Area: 3,750.00SqFt PCI = 46

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 435.11 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 134.03 Ft Comments:

43 BLOCK CRACKING L 600.00 SqFt Comments:

56 SWELLING L 100.00 SqFt Comments:

Sample Number: 13 Type: R Area: 3,750.00SqFt PCI = 39

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 363.09 Ft Comments:

43 BLOCK CRACKING L 1,024.99 SqFt Comments:

43 BLOCK CRACKING M 225.00 SqFt Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 112.03 Ft Comments:

56 SWELLING L 225.00 SqFt Comments:

52 WEATHERING/RAVELING L 200.00 SqFt Comments:

Sample Number: 17 Type: R Area: 3,750.00SqFt PCI = 43

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 330.08 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 168.04 Ft Comments:

43 BLOCK CRACKING L 500.00 SqFt Comments:

43 BLOCK CRACKING M 500.00 SqFt Comments:

56 SWELLING L 400.00 SqFt Comments:

Sample Number: 21 Type: R Area: 3,750.00SqFt PCI = 53

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 323.08 Ft Comments:

43 BLOCK CRACKING L 525.00 SqFt Comments:

43 BLOCK CRACKING M 525.00 SqFt Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 135.03 Ft Comments:

56 SWELLING L 468.00 SqFt Comments:

Sample Number: 25 Type: R Area: 3,750.00SqFt PCI = 52

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 116.03 Ft Comments:s

48 LONGITUDINAL/TRANSVERSE CRACKING L 110.03 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 310.08 Ft Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

56 SWELLING	L	120.00	SqFt	Comments:
42 BLEEDING	N	5.00	SqFt	Comments:
43 BLOCK CRACKING	L	160.00	SqFt	Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: MACON-MCN Name: MIDDLE GEORGIA REGIONAL AIRPORT

Branch: TB3MGRA Name: TAXIWAY B3 Use: TAXIWAY Area: 79,597.00SqFt

Section: 10 of 1 From: EDGE OF TWA-10 @ APRON To: R1331 Last Const.: 6/1/1990
Surface: AAC Family: 2007GAAACTWYCSSOUTH Zone: Category: Rank: P
Area: 79,597.00SqFt Length: 700.00Ft Width: 100.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 6/5/2007 Total Samples: 16 Surveyed: 5

Conditions: PCI:50.00 |

Inspection Comments:

Sample Number: 04 Type: R Area: 5,000.00SqFt PCI = 55

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	180.05	Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	400.10	Ft	Comments:
56	SWELLING	L	120.00	SqFt	Comments:
52	WEATHERING/RAVELING	L	50.00	SqFt	Comments:

Sample Number: 06 Type: R Area: 5,000.00SqFt PCI = 53

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	78.02	Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	275.07	Ft	Comments:
56	SWELLING	L	300.00	SqFt	Comments:
52	WEATHERING/RAVELING	L	150.00	SqFt	Comments:
43	BLOCK CRACKING	L	799.99	SqFt	Comments:

Sample Number: 09 Type: R Area: 5,000.00SqFt PCI = 55

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	M	326.08	Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	L	182.05	Ft	Comments:
56	SWELLING	L	200.00	SqFt	Comments:
52	WEATHERING/RAVELING	L	150.00	SqFt	Comments:

Sample Number: 10 Type: R Area: 5,000.00SqFt PCI = 46

Sample Comments:

43	BLOCK CRACKING	L	50.00	SqFt	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	L	91.02	Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	446.11	Ft	Comments:
56	SWELLING	L	260.00	SqFt	Comments:
52	WEATHERING/RAVELING	L	100.00	SqFt	Comments:

Sample Number: 11 Type: R Area: 5,000.00SqFt PCI = 41

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	71.02	Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	450.12	Ft	Comments:
56	SWELLING	L	200.00	SqFt	Comments:
56	SWELLING	M	5.00	SqFt	Comments:
52	WEATHERING/RAVELING	L	100.00	SqFt	Comments:
43	BLOCK CRACKING	L	200.00	SqFt	Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: MACON-MCN Name: MIDDLE GEORGIA REGIONAL AIRPORT

Branch: TBMGRA Name: TAXIWAY B Use: TAXIWAY Area: 560,096.00SqFt

Section: 10 of 3 From: EDGE OF TWA-10 @ APRON To: R1331 Last Const.: 6/1/1990
Surface: AAC Family: 2007GAAACTWYCSSOUTH Zone: Category: Rank: P
Area: 75,147.00SqFt Length: 650.00Ft Width: 95.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

Last Insp. Date: 6/5/2007 Total Samples: 16 Surveyed: 5

Conditions: PCI:40.00 |

Inspection Comments:

Sample Number: 06 Type: R Area: 3,750.00SqFt PCI = 40

Sample Comments:

43 BLOCK CRACKING	L	20.00	SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	250.06	Ft	Comments:
56 SWELLING	L	799.99	SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	43.01	Ft	Comments:
56 SWELLING	M	100.00	SqFt	Comments:
50 PATCHING	M	300.00	SqFt	Comments:

Sample Number: 08 Type: R Area: 3,750.00SqFt PCI = 31

Sample Comments:

43 BLOCK CRACKING	L	1,049.99	SqFt	Comments:
43 BLOCK CRACKING	M	949.99	SqFt	Comments:
56 SWELLING	L	300.00	SqFt	Comments:
56 SWELLING	M	600.00	SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	72.02	Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	155.04	Ft	Comments:
42 BLEEDING	N	5.00	SqFt	Comments:

Sample Number: 10 Type: R Area: 3,750.00SqFt PCI = 44

Sample Comments:

43 BLOCK CRACKING	L	1,029.99	SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	308.08	Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	160.04	Ft	Comments:
56 SWELLING	L	500.00	SqFt	Comments:
56 SWELLING	M	100.00	SqFt	Comments:

Sample Number: 12 Type: R Area: 3,750.00SqFt PCI = 48

Sample Comments:

43 BLOCK CRACKING	L	1,023.99	SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	250.06	Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	85.02	Ft	Comments:
56 SWELLING	L	450.00	SqFt	Comments:
56 SWELLING	M	100.00	SqFt	Comments:

Sample Number: 13 Type: R Area: 3,750.00SqFt PCI = 36

Sample Comments:

43 BLOCK CRACKING	L	749.99	SqFt	Comments:
43 BLOCK CRACKING	M	125.00	SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	100.03	Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	325.08	Ft	Comments:
56 SWELLING	L	600.00	SqFt	Comments:
56 SWELLING	M	200.00	SqFt	Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: MACON-MCN Name: MIDDLE GEORGIA REGIONAL AIRPORT

Branch: TBMGRA Name: TAXIWAY B Use: TAXIWAY Area: 560,096.00SqFt

Section: 20 of 3 From: EDGE OF R1331 To: APPROX 1200' SE ON TW Last Const.: 6/1/1990
Surface: AAC Family: 2007GAAACTWYCSSOUTH Zone: Category: Rank: P
Area: 92,984.00SqFt Length: 1,225.00Ft Width: 75.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

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

Conditions: PCI:59.00 |

Inspection Comments:

Sample Number: 03 Type: R Area: 5,625.00SqFt PCI = 56

Sample Comments:

52 WEATHERING/RAVELING	L	250.00 SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	575.15 Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	477.12 Ft	Comments:

Sample Number: 06 Type: R Area: 5,625.00SqFt PCI = 56

Sample Comments:

52 WEATHERING/RAVELING	L	250.00 SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	485.12 Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	498.13 Ft	Comments:

Sample Number: 09 Type: R Area: 5,625.00SqFt PCI = 59

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	486.12 Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	400.10 Ft	Comments:
52 WEATHERING/RAVELING	L	200.00 SqFt	Comments:

Sample Number: 12 Type: R Area: 5,625.00SqFt PCI = 60

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	397.10 Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	380.10 Ft	Comments:
52 WEATHERING/RAVELING	L	200.00 SqFt	Comments:

Sample Number: 15 Type: R Area: 5,625.00SqFt PCI = 64

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	543.14 Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	298.08 Ft	Comments:
52 WEATHERING/RAVELING	L	300.00 SqFt	Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: MACON-MCN Name: MIDDLE GEORGIA REGIONAL AIRPORT

Branch: TBMGRA Name: TAXIWAY B Use: TAXIWAY Area: 560,096.00SqFt

Section: 30 of 3 From: END OF TWB-20 To: 05 END OF R523 Last Const.: 6/1/1984

Surface: AAC Family: 2007GAAACTWYCSSOUTH Zone: Category: Rank: P

Area: 391,965.00SqFt Length: 4,800.00Ft Width: 75.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 6/5/2007 Total Samples: 67 Surveyed: 7

Conditions: PCI:53.00 |

Inspection Comments:

Sample Number: 04 Type: R Area: 5,625.00SqFt PCI = 60

Sample Comments:

43 BLOCK CRACKING	L	120.00	SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	410.10	Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	305.08	Ft	Comments:
42 BLEEDING	N	30.00	SqFt	Comments:

Sample Number: 13 Type: R Area: 5,625.00SqFt PCI = 58

Sample Comments:

43 BLOCK CRACKING	L	520.00	SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	299.08	Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	315.08	Ft	Comments:
52 WEATHERING/RAVELING	L	250.00	SqFt	Comments:

Sample Number: 22 Type: R Area: 5,625.00SqFt PCI = 54

Sample Comments:

43 BLOCK CRACKING	L	899.99	SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	426.11	Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	375.10	Ft	Comments:
52 WEATHERING/RAVELING	L	250.00	SqFt	Comments:

Sample Number: 31 Type: R Area: 5,625.00SqFt PCI = 54

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	300.08	Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	547.14	Ft	Comments:
52 WEATHERING/RAVELING	L	350.00	SqFt	Comments:

Sample Number: 40 Type: R Area: 5,625.00SqFt PCI = 55

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	600.15	Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	359.09	Ft	Comments:
42 BLEEDING	N	5.00	SqFt	Comments:
43 BLOCK CRACKING	L	300.00	SqFt	Comments:
52 WEATHERING/RAVELING	L	250.00	SqFt	Comments:

Sample Number: 49 Type: R Area: 5,625.00SqFt PCI = 37

Sample Comments:

42 BLEEDING	N	974.99	SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	225.06	Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	343.09	Ft	Comments:
52 WEATHERING/RAVELING	L	563.00	SqFt	Comments:

Sample Number: 58 Type: R Area: 5,625.00SqFt PCI = 51

Sample Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	294.08 Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	300.08 Ft	Comments:
42	BLEEDING	N	330.00 SqFt	Comments:
43	BLOCK CRACKING	L	140.00 SqFt	Comments:
52	WEATHERING/RAVELING	L	250.00 SqFt	Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: MACON-MCN Name: MIDDLE GEORGIA REGIONAL AIRPORT

Branch: TCMGRA Name: TAXIWAY C Use: TAXIWAY Area: 448,683.00SqFt

Section: 10 of 2 From: EDGE OF TWA-10 @ APRON To: INTERSECT W/ R523 @ 23 Last Const.: 6/1/1980

Surface: AAC Family: 2007GAAACTWYCSSOUTH Zone: Category: Rank: P

Area: 89,128.00SqFt Length: 900.00Ft Width: 75.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 6/5/2007 Total Samples: 18 Surveyed: 6

Conditions: PCI:39.00 |

Inspection Comments:

Sample Number: 02 Type: R Area: 3,500.00SqFt PCI = 45

Sample Comments:

43 BLOCK CRACKING	L	1,749.99	SqFt	Comments:
43 BLOCK CRACKING	M	350.00	SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	33.01	Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	50.01	Ft	Comments:
56 SWELLING	L	450.00	SqFt	Comments:
52 WEATHERING/RAVELING	L	150.00	SqFt	Comments:

Sample Number: 05 Type: R Area: 3,500.00SqFt PCI = 39

Sample Comments:

43 BLOCK CRACKING	L	1,749.99	SqFt	Comments:
43 BLOCK CRACKING	M	699.99	SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	20.01	Ft	Comments:
56 SWELLING	L	200.00	SqFt	Comments:
41 ALLIGATOR CRACKING	L	100.00	SqFt	Comments:

Sample Number: 08 Type: R Area: 3,500.00SqFt PCI = 35

Sample Comments:

43 BLOCK CRACKING	L	1,749.99	SqFt	Comments:
43 BLOCK CRACKING	M	699.99	SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	40.01	Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	H	3.00	Ft	Comments:
56 SWELLING	L	350.00	SqFt	Comments:
41 ALLIGATOR CRACKING	L	110.00	SqFt	Comments:

Sample Number: 11 Type: R Area: 3,500.00SqFt PCI = 42

Sample Comments:

43 BLOCK CRACKING	L	1,749.99	SqFt	Comments:
43 BLOCK CRACKING	M	699.99	SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	40.01	Ft	Comments:
56 SWELLING	L	350.00	SqFt	Comments:
41 ALLIGATOR CRACKING	L	50.00	SqFt	Comments:

Sample Number: 14 Type: R Area: 3,500.00SqFt PCI = 39

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	10.00	Ft	Comments:
43 BLOCK CRACKING	L	2,099.98	SqFt	Comments:
43 BLOCK CRACKING	M	699.99	SqFt	Comments:
56 SWELLING	L	350.00	SqFt	Comments:
41 ALLIGATOR CRACKING	L	80.00	SqFt	Comments:

Sample Number: 17 Type: R Area: 3,500.00SqFt PCI = 34

Sample Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

56 SWELLING	M	100.00	SqFt	Comments:
43 BLOCK CRACKING	L	2,799.98	SqFt	Comments:
43 BLOCK CRACKING	M	699.99	SqFt	Comments:
56 SWELLING	L	500.00	SqFt	Comments:
41 ALLIGATOR CRACKING	L	77.00	SqFt	Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: MACON-MCN Name: MIDDLE GEORGIA REGIONAL AIRPORT

Branch: TCMGRA Name: TAXIWAY C Use: TAXIWAY Area: 448,683.00SqFt

Section: 20 of 2 From: EDGE OF R523 @ 23 END To: R1331 @ 31 END Last Const.: 6/1/1980

Surface: AAC Family: 2007GAAACTWYCSSOUTH Zone: Category: Rank: P

Area: 359,555.00SqFt Length: 4,100.00Ft Width: 75.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 6/5/2007 Total Samples: 71 Surveyed: 8

Conditions: PCI:49.00 |

Inspection Comments:

Sample Number: 05 Type: R Area: 5,000.00SqFt PCI = 53

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 88.02 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 372.10 Ft Comments:

56 SWELLING L 150.00 SqFt Comments:

52 WEATHERING/RAVELING L 500.00 SqFt Comments:

Sample Number: 12 Type: R Area: 5,000.00SqFt PCI = 46

Sample Comments:

43 BLOCK CRACKING L 300.00 SqFt Comments:

50 PATCHING L 649.99 SqFt Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 41.01 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 318.08 Ft Comments:

56 SWELLING L 140.00 SqFt Comments:

52 WEATHERING/RAVELING L 300.00 SqFt Comments:

Sample Number: 20 Type: R Area: 5,000.00SqFt PCI = 52

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 71.02 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 373.10 Ft Comments:

56 SWELLING L 75.00 SqFt Comments:

50 PATCHING L 7.00 SqFt Comments:

52 WEATHERING/RAVELING L 150.00 SqFt Comments:

Sample Number: 28 Type: R Area: 5,000.00SqFt PCI = 42

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 138.04 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 630.16 Ft Comments:

52 WEATHERING/RAVELING L 150.00 SqFt Comments:

45 DEPRESSION L 18.00 SqFt Comments:

56 SWELLING L 150.00 SqFt Comments:

Sample Number: 44 Type: R Area: 5,000.00SqFt PCI = 47

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 119.03 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 534.14 Ft Comments:

56 SWELLING L 180.00 SqFt Comments:

52 WEATHERING/RAVELING L 150.00 SqFt Comments:

Sample Number: 52 Type: R Area: 5,000.00SqFt PCI = 42

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 240.06 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 530.14 Ft Comments:

54 SHOVING M 75.00 SqFt Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

56 SWELLING	L	100.00	SqFt	Comments:
52 WEATHERING/RAVELING	L	150.00	SqFt	Comments:

Sample Number: 60 Type: R Area: 5,000.00SqFt PCI = 58

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	L	83.02	Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	375.10	Ft	Comments:
52 WEATHERING/RAVELING	L	150.00	SqFt	Comments:

Sample Number: 67 Type: R Area: 5,000.00SqFt PCI = 49

Sample Comments:

52 WEATHERING/RAVELING	L	150.00	SqFt	Comments:
41 ALLIGATOR CRACKING	L	25.00	SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	L	216.06	Ft	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	498.13	Ft	Comments:

Re-inspection Report

GA2007

Report Generated Date: 1/8/2008

Site Name:

Network: MACON-MCN Name: MIDDLE GEORGIA REGIONAL AIRPORT

Branch: TGAMGRA Name: TAXIWAY GA Use: TAXIWAY Area: 79,044.00SqFt

Section: 10 of 1 From: SEE MAP To: SEE MAP Last Const.: 6/1/1999
Surface: AC Family: 2007GAACTWYCS Zone: Category: Rank: P
Area: 79,044.00SqFt Length: 1,230.00Ft Width: 47.00Ft
Shoulder: Street Type: Grade: 0.00 Lanes: 0
Section Comments:

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

Conditions: PCI:67.00 |

Inspection Comments:

Sample Number: 02 Type: R Area: 6,110.00SqFt PCI = 94
Sample Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING L 92.02 Ft Comments:

Sample Number: 07 Type: R Area: 5,814.00SqFt PCI = 45
Sample Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING L 27.01 Ft Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING M 87.02 Ft Comments:
50 PATCHING M 210.00 SqFt Comments:
45 DEPRESSION L 240.00 SqFt Comments:
41 ALLIGATOR CRACKING M 70.00 SqFt Comments:
52 WEATHERING/RAVELING L 1,199.99 SqFt Comments:

Sample Number: 09 Type: R Area: 5,100.00SqFt PCI = 76
Sample Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING L 40.01 Ft Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING M 89.02 Ft Comments:
52 WEATHERING/RAVELING L 510.00 SqFt Comments:

Sample Number: 11 Type: R Area: 5,250.00SqFt PCI = 52
Sample Comments:
53 RUTTING L 50.00 SqFt Comments:
56 SWELLING L 50.00 SqFt Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING M 290.07 Ft Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING L 136.03 Ft Comments:
42 BLEEDING N 25.00 SqFt Comments:
52 WEATHERING/RAVELING L 2,099.98 SqFt Comments:

Sample Number: 13 Type: R Area: 5,250.00SqFt PCI = 64
Sample Comments:
41 ALLIGATOR CRACKING L 20.00 SqFt Comments:
41 ALLIGATOR CRACKING M 20.00 SqFt Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING L 218.06 Ft Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING M 102.03 Ft Comments:

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
A01MGRA	30	Weathering and raveling	Medium	Patching - AC Deep	2	SqFt	\$3.15	\$6
A01MGRA	30	Longitudinal and transverse cracking	Medium	Crack Sealing - AC	198	Ft	\$3.90	\$772
A01MGRA	40	Patching	Medium	Patching - AC Deep	450	SqFt	\$3.15	\$1,417
A01MGRA	40	Longitudinal and transverse cracking	Medium	Crack Sealing - AC	535	Ft	\$3.90	\$2,085
A01MGRA	50	Oil spillage	N/A	Patching - AC Deep	94	SqFt	\$3.15	\$296
A01MGRA	50	Weathering and raveling	Medium	Patching - AC Deep	157	SqFt	\$3.15	\$496
A01MGRA	50	Longitudinal and transverse cracking	Medium	Crack Sealing - AC	724	Ft	\$3.90	\$2,824

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
A01MGRA	30	Longitudinal and transverse cracking	Medium	Crack Sealing - AC	198	Ft	\$3.90	\$772
A01MGRA	40	Longitudinal and transverse cracking	Medium	Crack Sealing - AC	535	Ft	\$3.90	\$2,085
A01MGRA	50	Longitudinal and transverse cracking	Medium	Crack Sealing - AC	724	Ft	\$3.90	\$2,824
A01MGRA	30	Weathering and raveling	Medium	Patching - AC Deep	2	SqFt	\$3.15	\$6
A01MGRA	40	Patching	Medium	Patching - AC Deep	450	SqFt	\$3.15	\$1,417
A01MGRA	50	Oil spillage	N/A	Patching - AC Deep	94	SqFt	\$3.15	\$296
A01MGRA	50	Weathering and raveling	Medium	Patching - AC Deep	157	SqFt	\$3.15	\$496

APPENDIX G

FAA AC 150/5380-6B



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