SD Airports

Airport Master Plan

Montgomery-Gibbs Executive Airport

Pavement Maintenance Management Plan (PMMP)

2018

Prepared by:

C&S COMPANIES®

Notice

This document and its contents have been prepared and are intended solely for the C&S Companies and the City of San Diego's information and use in relation to the Pavement Maintenance and Management Program (PMMP) at the Montgomery-Gibbs Executive Airport (MYF).

ATKINS North America (ANA) assumes no responsibility to any other party in respect of or arising out of or relating to this document and/or its contents.

Document History

Job number: 100054723.MYF.11			Document ref:			
Revision	**Purpose description**	**Originated**	**Checked**	**Reviewed**	**Authorized**	**Date**
Draft	For Internal Review	Katie Chou	Manuel Bejarano	Manuel Bejarano	Kent McLemore	12/18/17
Pre-Final	For Internal Re-review	Katie Chou	Manuel Bejarano	Manuel Bejarano	Kent McLemore	12/27/17
Final	For Issuance	Katie Chou	Manuel Bejarano	Manuel Bejarano	Kent McLemore	1/12/18
Final (Reformat)	For Issuance	Katie Chou	Manuel Bejarano	Manuel Bejarano	Kent McLemore	2/14/18
Final (Revised PCN)	For Issuance	Katie Chou	Manuel Bejarano	Manuel Bejarano	Kent McLemore	5/22/18

Table of Contents

Figures

Tables

Executive Summary

Atkins North America was retained by C&S Companies to prepare a Pavement Maintenance Management Plan (PMMP) report as part of the Airport Master Plan update for Montgomery-Gibbs Executive Airport (MYF).

Available information in as-built drawings and reports was entered in the PAVER pavement management software to prepare a pavement inventory for Montgomery-Gibbs Executive Airport as shown in **Table 2-1.** To facilitate the evaluation process, a pavement network definition was established in accordance with ASTM Standard D5340 as shown in **Figure 2-2** and **Figure 2-3**. The detailed PAVER reports (i.e., branch listing, branch condition and section condition reports) are included in **Appendices A** to **C**.

To understand the existing pavement condition, a visual pavement inspection was conducted in August 2017. The collected condition data such as distress types, severities and quantities were entered in the PAVER software to calculate the current Pavement Condition Index (PCI). The PCI is a numerical score ranging from 100 (new) to 0 (failed) to rate the general condition of a pavement. The majority (67%) of airfield pavements at Montgomery-Gibbs Executive Airport are in fair to good condition and the remaining 33% of airfield pavements are in poor condition. The average PCI values for runways, Runway 28R stopway, taxiways and aprons are 85, 93, 71, and 53, respectively as of August 2017. The current PCI value of each section is shown in **Figure 3-4**.

A Non-Destructive Testing (NDT) utilizing a Heavy Weight Deflectometer (HWD) was conducted to assess the subgrade strength. As a part of the evaluation, five pavement cores were also taken to supplement the existing information. The pavement classification number (PCN) was calculated using the FAA COMFAA program based on analysis of traffic data, non-destructive testing, pavement cross section data, and available subsurface information. Three sections of Runways 10L-28R, 10R-28L and 5-23 were analyzed. The PCN codes of three runways are listed in **Table 4-5.**

A typical pavement performance curve is presented in **Figure 5-1** and the "right" timing of treatment is explained in **Figure 5-2**. Since the most economic maintenance option is to keep pavements in good repair, preventative maintenance activities are strongly recommended to be applied to pavements when the PCI falls within 5 points of the critical value (i.e., 70) as shown in **Table 5-1**. For pavements with PCI below 70 (i.e., the threshold of good condition), either restoration/rehabilitation and/or major reconstruction are needed. **Figure 5-6** illustrates the areas recommended for preventative treatment, rehabilitation and reconstruction. The estimated costs of preventative treatment and rehabilitation/restoration for the next 5 years are summarized in **Table 5-2** and **Table 5-3**. Although the cost estimates provide a useful network-level planning tool, they are not comprehensive engineer's estimates, as the cost is only pertinent to pavement construction cost. A detailed engineering study and the project specific cost estimates should be developed on a case-by-case basis to ensure the most appropriate rehabilitation strategy is chosen at the time of implementation.

Because an unlimited budget is unlikely to be available to support all identified rehabilitation and reconstruction needs presented in **Table 5-6**, a prioritized short-list of the Capital Improvement Program (CIP) is proposed in **Table 6-1**. The prioritization is based on the existing pavement condition, the operational importance and the known maintenance need expressed by the Airport. The five-year CIP exhibit for the Montgomery-Gibbs Executive Airport is shown in **Figure 5-6**. The airport can begin the grant application process at the earliest opportunity and apply stopgap treatment listed in **Table 5-2** while waiting for the funding approval. It is noted that the estimated CIP cost excludes any administration cost, non-pavement related improvements (e.g. utilities),

professional engineering fee, construction observation/inspection fees, annual escalation and contingencies. Cost estimates presented in this report are based on November 2017 dollars.

1.1 Introduction and Scope

This Pavement Maintenance Management Plan (PMMP) report was prepared for the C&S Companies as part of the Airport Master Plan study for Montgomery-Gibbs Executive Airport. The report organization and study effort are described in Section 1.2. The scope of work for the PMMP, is outlined in Section 1.3.

1.2 Report Organization

The report is divided into six chapters and seven appendices.

- **Chapter 1, Introduction and Scope** - This chapter provides a brief background, report organization, and scope of work for Task 11, PMMP.

- **Chapter 2, Pavement Inventory and Network Definition** – This chapter presents the details of airfield pavement inventory and the network definition used in the pavement management program, PAVER 7.0.2.

- **Chapter 3, Pavement Condition Index** – This chapter documents the field visual inspection to rate the existing pavement conditions. An overall existing Pavement Condition Index (PCI) map is prepared for Montgomery-Gibbs Executive Airport.

- **Chapter 4, Pavement Classification Number** – This chapter reviews the existing and future traffic data. A non-destructive Heavy Weight Deflectometer (HWD) testing was conducted to facilitate the assessment of subgrade strength. The Pavement Classification Number (PCN) values for runways are calculated using the FAA Advisory Circular 150/5335-5C.

- **Chapter 5, Maintenance and Rehabilitation Plans and Budget Requirements** – This chapter suggests the viable near future maintenance options and provides the cost estimates for the longer-term rehabilitation and reconstruction using the existing PCI information presented in Chapter 3. It's noted that the presented cost reflects the material costs associated with the maintenance and rehabilitation strategies. All project overheads, administration, mobilization and professional engineering fees are EXCLUDED in the estimate.

- **Chapter 6, Recommended Capital Improvement Program and Prioritization** – This chapter recommends the prioritization of Capital Improvement Projects based on the operational importance of pavements, existing pavement conditions and available inputs from airport managers.

- **Appendices**

  A: Branch Listing Report
  B: Branch Condition Report
  C: Section Condition Report
  D: Pavement Inspection Report
  E: Heavy Weight Deflectometer Testing Plan and Location
  F: Pavement Coring Data
  G: PCN Calculation Output

1.3 Scope of Work

Specific items of work included in Task 11, Pavement Maintenance Management Program, are outlined below.

a. Prepare a Pavement Maintenance Management Plan (PMMP) for Montgomery-Gibbs Executive Airport. The PMMP should include the following:

   i. Pavement inventory, structure and maintenance and rehabilitation (M&R) history;
   ii. Pavement condition and traffic;
   iii. Prediction of current and future Pavement Condition Index;
   iv. Determine optimum M&R Plans and budget requirements; and
   v. Formulate and prioritize M&R projects.

b. Determine the Pavement Classification Number values using the FAA Advisory Circular 150/5335-5C, Standardized Method of Reporting Airport Pavement Strength – PCN.

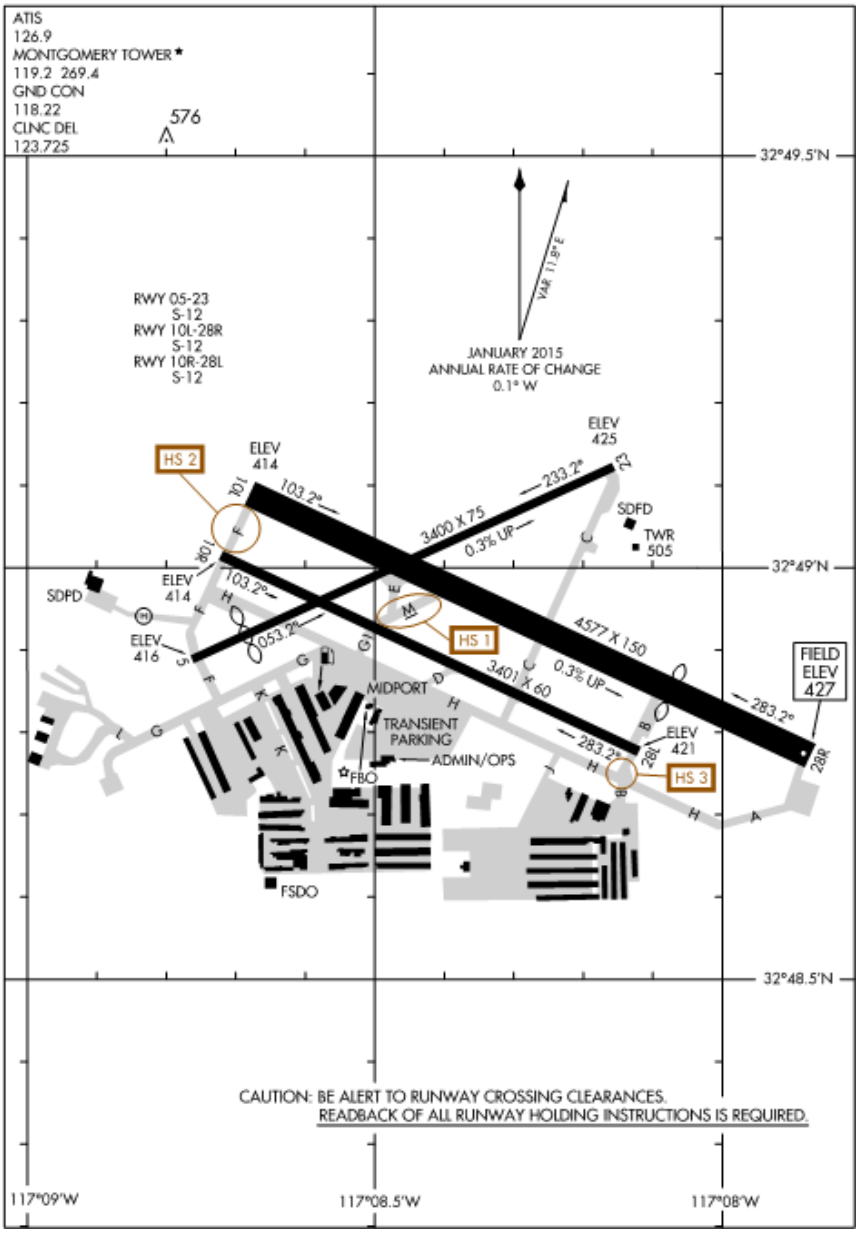
2.1 Record Research and Pavement Inventory

To establish pavement inventory, available as-built drawings and record information such as pavement surface types, pavement thicknesses and composition, construction dates, and known M&R histories, were obtained from the Airport. The collected information was reviewed and entered in the PAVER 7.0.2 pavement management software.

Using imagery from a recent aerial photogrammetry update for the Montgomery-Gibbs Executive Airport, a layout of the airfield pavement edges was created in AutoCAD software and served as the base map for the PMMP.

For the Montgomery-Gibbs Executive Airport, all airfield pavements are asphalt surfaced (approximately 2,383,223 square feet). The existing airport diagram of Montgomery-Gibbs Executive Airport is shown in **Figure 2-1**.

Figure 2-1 Existing Facilities



The pavement inventory summary for Montgomery-Gibbs Executive Airport is shown in **Table 2-1.**

Table 2-1 Pavement Inventory

ID	Branch ID	Branch Name	Branch Use	Section ID	Surface	True Area (SF)	Last Construction Date
MYF	R10L28R	RWY 10L-28R	RUNWAY	01L	AC	50000	1/1/2013
MYF	R10L28R	RWY 10L-28R	RUNWAY	01K	AC	50000	1/1/2013
MYF	R10L28R	RWY 10L-28R	RUNWAY	01R	AC	50000	1/1/2013
MYF	R10L28R	RWY 10L-28R	RUNWAY	02L	AC	70000	1/1/2013
MYF	R10L28R	RWY 10L-28R	RUNWAY	02K	AC	70000	1/1/2013
MYF	R10L28R	RWY 10L-28R	RUNWAY	02R	AC	70000	1/1/2013
MYF	R10L28R	RWY 10L-28R	RUNWAY	03L	AC	50000	1/1/2013
MYF	R10L28R	RWY 10L-28R	RUNWAY	03K	AC	50000	1/1/2013
MYF	R10L28R	RWY 10L-28R	RUNWAY	03R	AC	50000	1/1/2013
MYF	OVER28R	RWY 28R Stopway	STOPWAY	01L	AAC	60000	1/1/2013
MYF	OVER28R	RWY 28R Stopway	STOPWAY	01K	AAC	60000	1/1/2013
MYF	OVER28R	RWY 28R Stopway	STOPWAY	01R	AAC	60000	1/1/2013
MYF	R10R28L	RWY 10R-28L	RUNWAY	01	AAC1	26400	9/1/1996[1]
MYF	R10R28L	RWY 10R-28L	RUNWAY	02	AC	17400	11/1/2016
MYF	R10R28L	RWY 10R-28L	RUNWAY	03	AC	31800	11/1/2016
MYF	R10R28L	RWY 10R-28L	RUNWAY	04	AAC[1]	122400	9/1/1996[1]
MYF	R523	RWY 5-23	RUNWAY	01	AC	90000	11/1/2016
MYF	R523	RWY 5-23	RUNWAY	02	AC	34050	1/1/2013
MYF	R523	RWY 5-23	RUNWAY	03	AC	23250	1/1/2013
MYF	R523	RWY 5-23	RUNWAY	04	AC	33000	11/1/2016
MYF	R523	RWY 5-23	RUNWAY	05	AC	30000	11/1/2016
MYF	R523	RWY 5-23	RUNWAY	06	AC	23625	11/1/2016
MYF	R523	RWY 5-23	RUNWAY	07	AC	5550	11/1/2016
MYF	TWA	Taxiway A	TAXIWAY	01	AAC	12000	1/1/2013
MYF	TWA	Taxiway A	TAXIWAY	02	AC[1]	29000	9/1/1996[1]
MYF	ATWA	Taxiway A Warm Up	APRON	01	AAC	19800	1/1/2013
MYF	ATWA	Taxiway A Warm Up	APRON	02	AC[1]	2500	9/1/1996[1]
MYF	TWB	Taxiway B	TAXIWAY	01	AAC	9000	1/1/2013
MYF	TWB	Taxiway B	TAXIWAY	02	AAC[2]	11000	7/1/1976[2]
MYF	TWB	Taxiway B	TAXIWAY	03	AAC[2]	9750	7/1/1976[2]
MYF	TWB	Taxiway B	TAXIWAY	04	AAC[2]	5600	7/1/1976[2]
MYF	ATWB	Taxiway B Warm Up	APRON	01	AAC[2]	9000	7/1/1976[2]
MYF	TWC	Taxiway C	TAXIWAY	01	AC	9000	11/1/2016
MYF	TWC	Taxiway C	TAXIWAY	02	AC[2]	43000	7/1/1976[2]
MYF	TWC	Taxiway C	TAXIWAY	03	AAC	10000	1/1/2013
MYF	TWC	Taxiway C	TAXIWAY	04	AAC	9500	1/1/2013
MYF	TWC	Taxiway C	TAXIWAY	05	AAC[2]	10750	7/1/1976[2]
MYF	TWC	Taxiway C	TAXIWAY	06	AC[2]	8000	7/11/1985[2]
MYF	ATWC	Taxiway C Warm Up	APRON	01	AC	1650	11/1/2016
MYF	ATWC	Taxiway C Warm Up	APRON	02	AC	4200	7/1/1976
MYF	TWD	Taxiway D	TAXIWAY	01	AAC[2]	11750	7/11/1969[2]
MYF	TWE	Taxiway E	TAXIWAY	01	AAC	13250	1/1/2013
MYF	TWE	Taxiway E	TAXIWAY	02	AC	3000	11/1/2016

Table 2-1 Pavement Inventory (cont'd.)

ID	Branch ID	Branch Name	Branch Use	Section ID	Surface	True Area (SF)	Last Construction Date
MYF	TWF	Taxiway F	TAXIWAY	01	AAC	8500	1/1/2013
MYF	TWF	Taxiway F	TAXIWAY	02	AAC[1]	11250	2/1/2008[1]
MYF	TWF	Taxiway F	TAXIWAY	03	AAC[1]	8500	6/1/2009[1]
MYF	TWF	Taxiway F	TAXIWAY	04	AC	7500	11/1/2016
MYF	TWF	Taxiway F	TAXIWAY	05	AAC[1]	19250	6/1/2009[1]
MYF	TWF	Taxiway F	TAXIWAY	06	AC	10000	11/1/2016
MYF	TWF	Taxiway F	TAXIWAY	07	AC	2500	11/1/2016
MYF	TWG	Taxiway G	TAXIWAY	01	AC	5000	11/1/2016
MYF	TWG	Taxiway G	TAXIWAY	02	AC	36500	11/1/2016
MYF	TWG	Taxiway G	TAXIWAY	03	AC	8500	11/1/2016
MYF	TWG	Taxiway G	TAXIWAY	04	AC	45000	11/1/2016
MYF	TWG1	Taxiway G1	TAXIWAY	01	AC	5750	11/1/2016
MYF	TWG1	Taxiway G1	TAXIWAY	02	AC	5750	11/1/2016
MYF	TWH	Taxiway H	TAXIWAY	01	AC	17800	11/1/2016
MYF	TWH	Taxiway H	TAXIWAY	02	AC	17000	11/1/2016
MYF	TWH	Taxiway H	TAXIWAY	03	AAC[2]	57200	7/1/1976[2]
MYF	TWH	Taxiway H	TAXIWAY	04	AAC[2]	38600	7/1/1976[2]
MYF	TWH	Taxiway H	TAXIWAY	05	AC[1]	50000	9/1/1996[1]
MYF	ATWH	Taxiway H Warm Up	APRON	01	AC	20625	11/1/2016
MYF	HTW	Heli Taxiway	TAXIWAY	01	AC	8550	7/1/1976
MYF	TWJ	Taxiway J	TAXIWAY	01	AAC[2]	7400	7/1/1976[2]
MYF	TWK	Taxiway K	TAXIWAY	01	AAC[2]	97750	7/1/1976[2]
MYF	TWL	Taxiway L	TAXIWAY	01	AC	5000	11/1/2016
MYF	TWM	Taxiway M	TAXIWAY	01	AAC	13200	1/1/2013
MYF	TWM	Taxiway M	TAXIWAY	02	AC	12500	11/1/2016
MYF	AHANGAR	Hangar Apron	APRON	01	AC[2]	30940	7/1/1981[2]
MYF	AHANGAR	Hangar Apron	APRON	02	AAC[2]	249900	7/1/1981[2]
MYF	ATERM	Terminal Apron	APRON	01	AAC[2]	40000	7/1/1976[2]
MYF	ATERM	Terminal Apron	APRON	02	AAC[2]	150000	7/1/1976[2]

Note 1: Pavement history (i.e. pavement surface types and approximate construction dates) obtained from Google Earth.
Note 2: Pavement history obtained from the 2006 MYF Airport Pavement Management System (APMS) Report.

2.2 Network Definition

To facilitate the evaluation process, the pavement network was subdivided into manageable units in accordance with ASTM Standard D5340, Standard Test Method for Airport Pavement Condition Index Surveys. Network definition establishes an organized hierarchy system when dividing the airfield pavements into branches, sections and sample units. The subdivided pavement divisions are further explained as follows.

- Network: One single pavement network is established for all airfield pavements including runways, taxiways and aprons for each airport. For example, the network ID for Montgomery-Gibbs Executive Airport is MYF.

- Branch: A branch is any identifiable part of the pavement network that serves a distinct function. For example, airfield pavements for individual runways, taxiways and aprons are

typically considered as separate branches.

- Section: A section is a subdivision of a branch that shares common characteristics such as pavement section, construction history, traffic and pavement condition.

- Sample Unit: A sample unit is a randomly selected portion of a pavement section for conducting visual inspections. It is the smallest subdivision in a pavement network. For asphalt surfaced pavements, each sample unit is typically 5,000 ± 2,000 square feet. For concrete surfaced pavements, each sample unit is typically 20 ± 8 slabs.

The network definition for Montgomery-Gibbs Executive Airport is illustrated in **Figure 2-2**. The sample units map used in the PCI survey (to be further discussed in Chapter 3) is shown in **Figure 2-3**. The detailed PAVER reports including branch listing report, branch condition report and section condition report are included in **Appendices A, B** and **C** respectively.

Figure 2-2 Network Definition Map

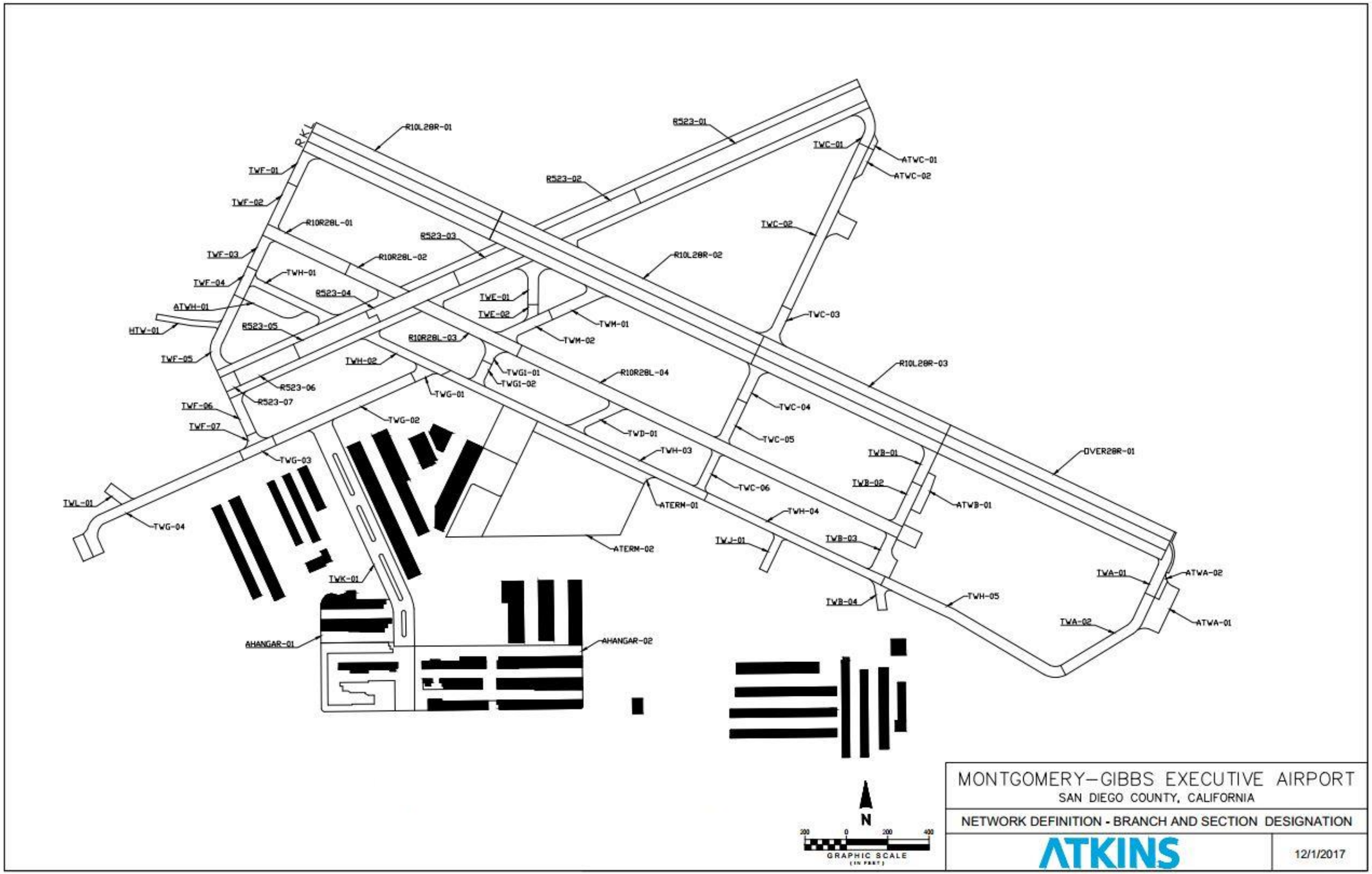
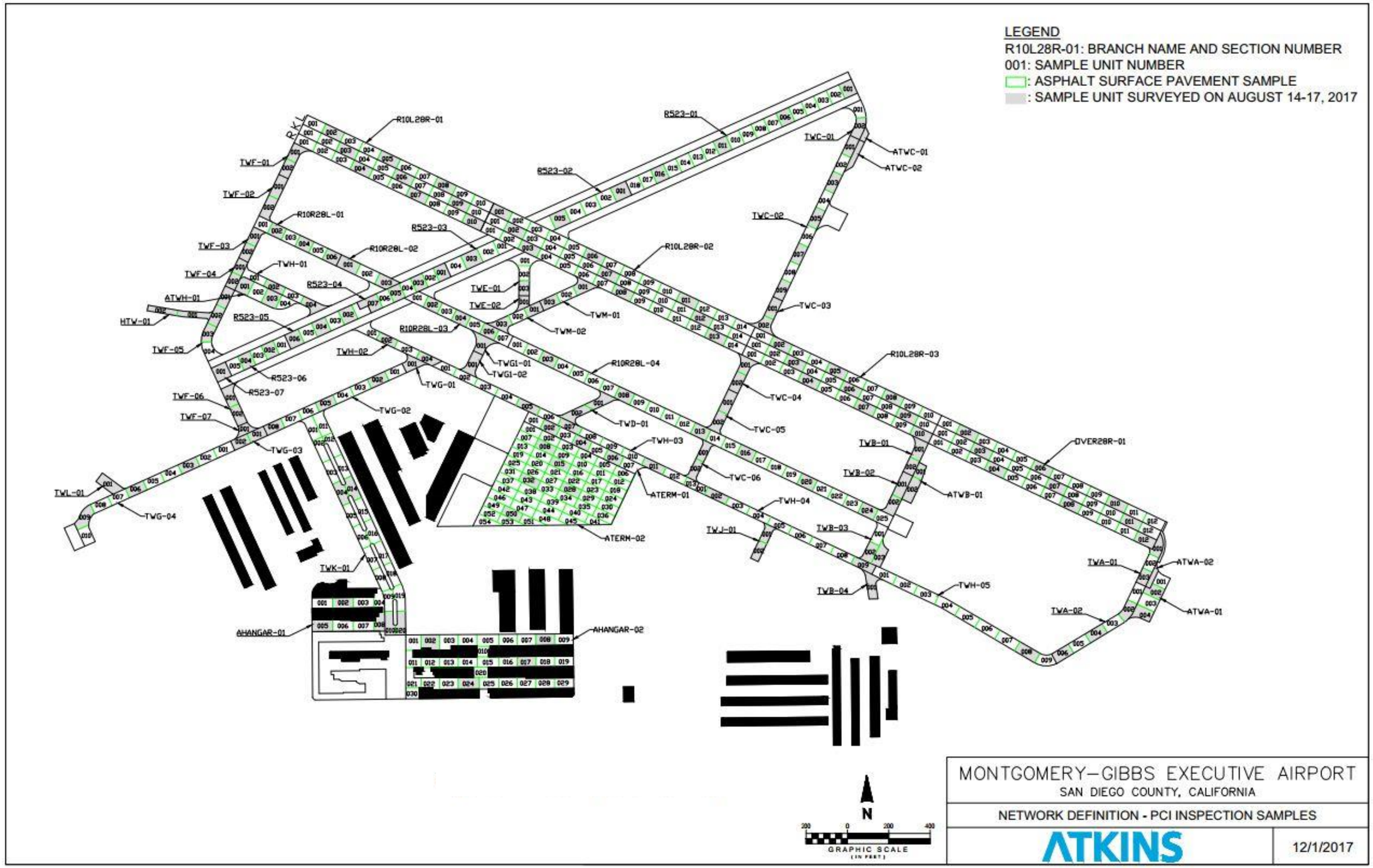


Figure 2-3 Sample Units Map

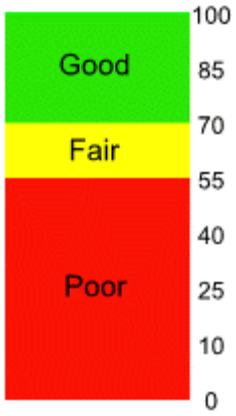


3.1 Visual Pavement Condition Survey

The Atkins team conducted a visual pavement inspection at Montgomery-Gibbs Executive Airport in August 2017. The collected condition data during the PCI inspections were entered in the PAVER 7.0.2 software to calculate the current PCI for each surveyed sample unit and section. The PCI is a numerical score ranging from 100 (new) to 0 (failed) to rate the general condition of a pavement. Three PCI categories used in this report are shown in **Figure 3-1**.

.

Figure 3-1 PCI Legend



The pavement area and the percentage of use for each branch of Montgomery-Gibbs Executive Airport are summarized in **Table 3-1**.

Table 3-1 Pavement Area and Percentage of Use

Branch Use	Area (square feet)	Percentage
Runway	948,905	39.8%
Runway 28R Stopway	180,150	7.6%
Taxiway	719,762	30.2%
Apron	534,406	22.4%
Total	2,383,223	100.0%

The commonly found distresses of asphalt surfaced pavements for Montgomery-Gibbs Executive Airport include the following:

- Longitudinal and transverse cracks
- Raveling and/ or weathering
- Fatigue (Alligator) cracking
- Block cracking
- Patching
- Depression

The detailed pavement inspection report including the distress types and severities for Montgomery-Gibbs Executive Airport pavements is included in **Appendix D**.

3.2 Pavement Condition Index in 2017

The overall condition of the airfield pavements at Montgomery-Gibbs Executive Airport in 2017 is shown in **Figure 3-2**. The majority (67%) of airfield pavements are in fair to good condition. The remaining 33% of airfield pavements are in poor condition and needs a rehabilitation or re-construction. As shown in **Figure 3-2**, the average PCI values for runways, Runway 28R stopway, taxiways and aprons are 85, 93, 71, and 53, respectively. The area-weighted PCI for combined airfield pavements including runways, Runway 28R stopway area, taxiways and aprons is 75.

Figure 3-2 Overall Pavement Condition (August 2017)

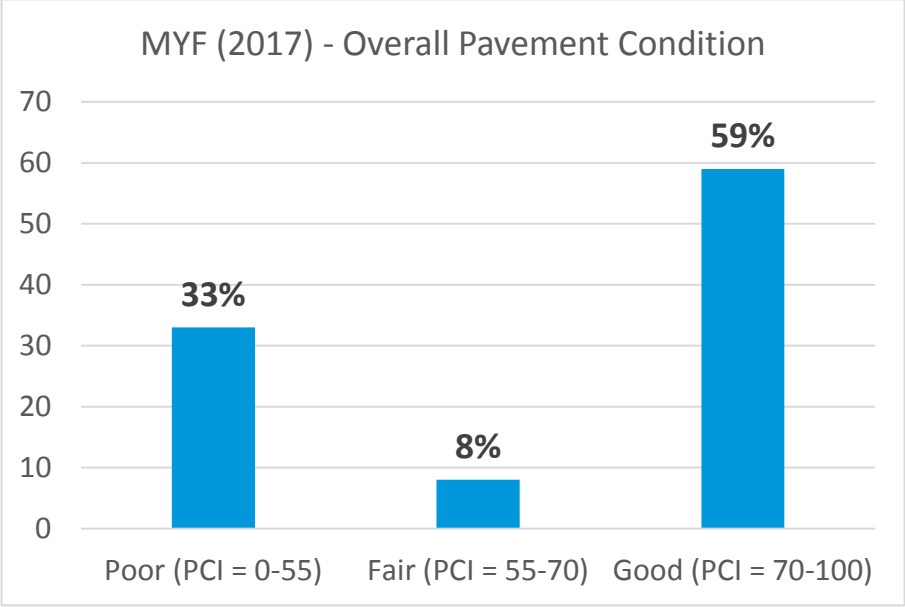
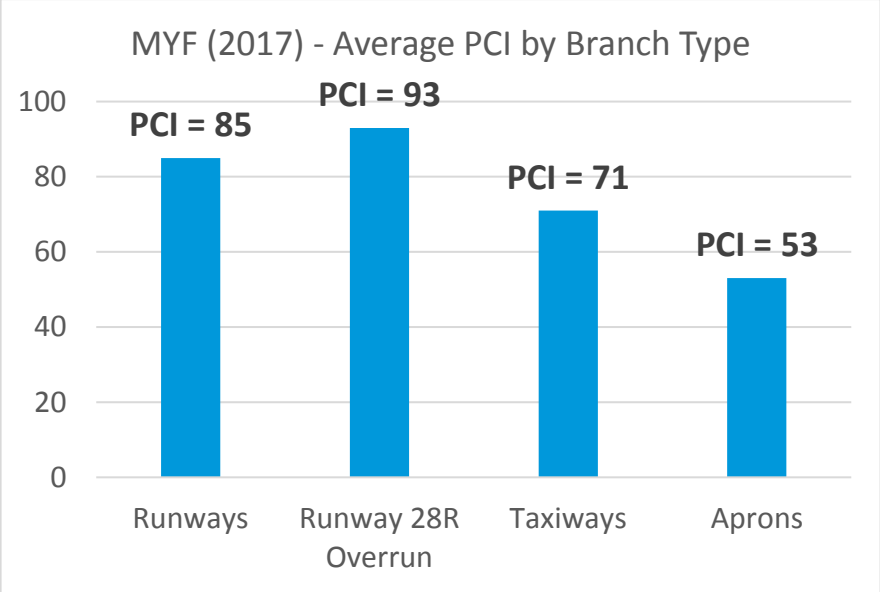
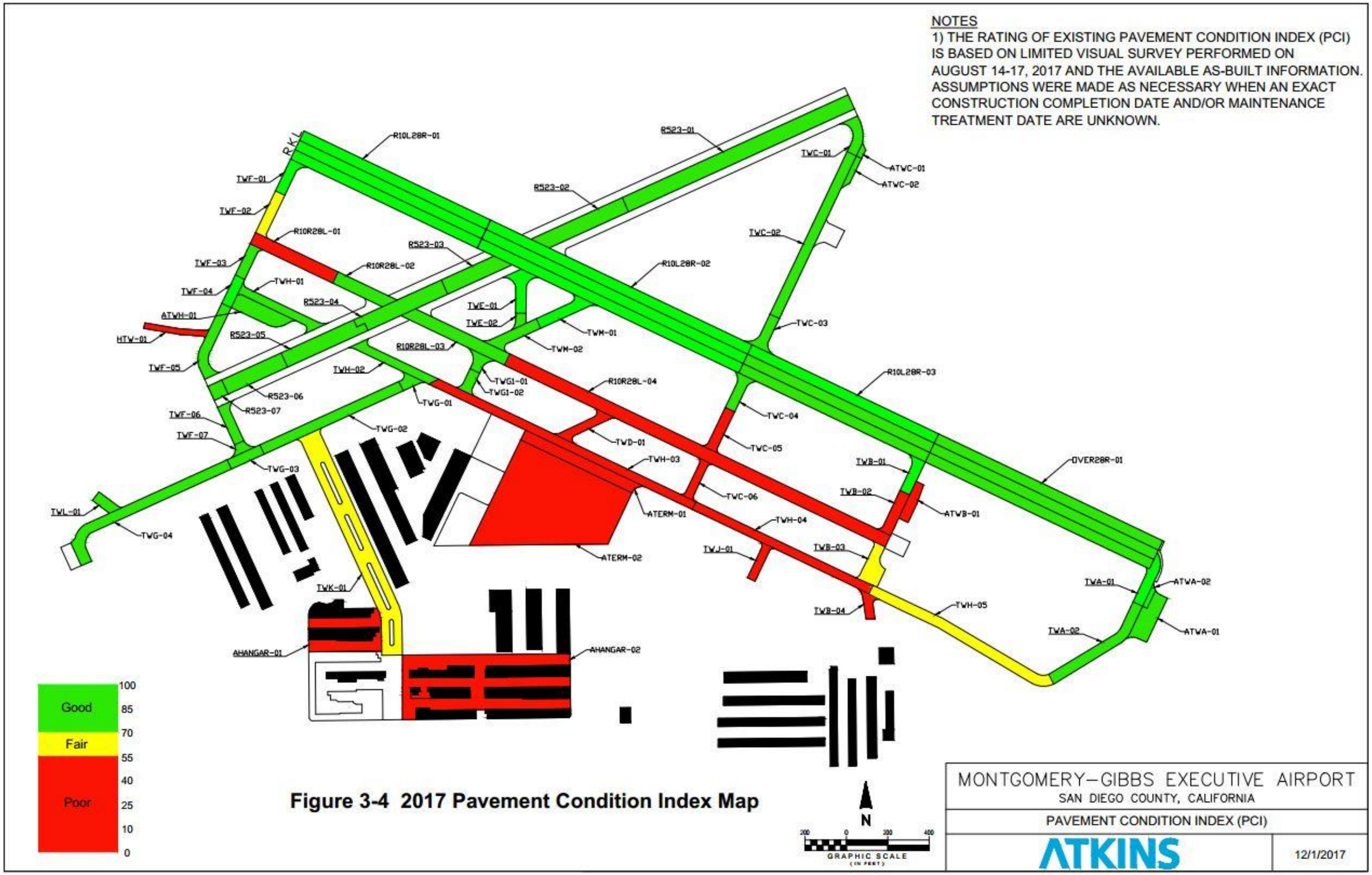


Figure 3-3 Area-Weighted Pavement Condition by Branch Use (August 2017)



The current PCI value of each section for Montgomery-Gibbs Executive Airport is shown in **Figure 3-4**. It is noted that the northern portion of Taxiway C (i.e. Section TWC-02) was milled and overlaid with a non-standard asphalt surface material (i.e. roadway asphalt concrete) instead of a standard FAA P-401 material. The material difference cannot be determined by a simple visual inspection. As a result, the reported PCI value of Section TWC-02 may not fully represent its current condition.

Figure 3-4 2017 Pavement Condition Index Map



4.1 Traffic

Per the City of San Diego Airport Master Plans Initial Environmental Review report prepared in October 2017, the modeled 2017 average daily departures at the Montgomery-Gibbs Executive Airport are shown in **Table 4-1**. It is assumed that the traffic mix and departures will not change significantly in the foreseeable future. Thus, the aircraft types and departure data shown in **Table 4-1** can be used to determine Pavement Classification Number.

Table 4-1 2017 Average Daily Departures (from Table 4-22 Initial Environmental Review report dated October 2017)

Aircraft Type	Engine	Taxi Time (sec)	Stage Length	Annual Average Day Operations – Departures			
				Day	Evening	Night	Total
ECLIPSE500	PW610F-A	258.8	1	1.477	0.068	0.125	1.670
LEAR35	TFE731-2-2B[9]	258.8	1	0.224	0.010	0.019	0.253
LEAR35	TFE731-3	258.8	1	0.303	0.014	0.026	0.342
LEAR35	TFE731-2-2B[9]	258.8	1	0.090	0.004	0.008	0.102
CNA560U	JT15D-5,-5A,-5B	258.8	1	0.152	0.007	0.013	0.172
CNA560E	PW530	258.8	1	0.152	0.007	0.013	0.172
CNA55B	JT15D-5,-5A,-5B	258.8	1	0.369	0.017	0.031	0.418
CNA55B	PW530	258.8	1	0.369	0.017	0.031	0.418
CNA500	BIZLIGHTJET_F	258.8	1	1.312	0.060	0.111	1.484
CNA172	O-320	277.6	1	12.768	0.407	0.692	13.866
COMSEP	TIO-540-J2B2	277.6	1	1.880	0.060	0.102	2.042
GASEPF	O-200	277.6	1	4.543	0.145	0.246	4.934
GASEPF	PT6A-42	258.8	1	0.600	0.029	0.102	0.731
GASEPF	O-320	277.6	1	2.350	0.075	0.127	2.552
GASEPF	IO-360-B	277.6	1	2.350	0.075	0.127	2.552
GASEPV	TIO-540-J2B2[10]	277.6	1	46.398	1.478	2.515	50.390
GASEPV	TIO-540-J2B2[10]	277.6	1	19.611	0.625	1.063	21.299
BEC58P	TIO-540-J2B2	277.6	1	6.627	0.296	0.350	7.273
BEC58P	TIO540[11]	277.6	1	7.100	0.317	0.375	7.793
BEC58P	TIO540[11]	277.6	1	4.734	0.211	0.250	5.195
BEC58P	TIO540[11]	277.6	1	5.207	0.233	0.275	5.715
BEC58P	TIO540[11]	277.6	1	0.947	0.042	0.050	1.039
PA42	PT6A-114A	258.8	1	0.682	0.032	0.116	0.830
DHC6	PT6A-42	258.8	1	3.175	0.151	0.539	3.865
DHC6	TPE331-10	258.8	1	0.336	0.016	0.057	0.409
EC130	TPE331-3	277.6	1	0.943	0.140	0.292	1.375
R44	TIO-540-J2B2	277.6	1	0.754	0.112	0.233	1.100
SA355F	250B17B	277.6	1	1.179	0.175	0.365	1.718
Subtotal				**126.633**	**4.822**	**8.255**	**139.710**

[9] Repeated LEAR35 aircraft with engine type TFE731-2-2B indicate multiple AEDT equipment IDs used for airframe identification

[10] Repeated GASEPV aircraft with engine type TIO-540-J2B2 indicate multiple AEDT equipment IDs used for airframe identification

[11] Repeated BEC58P aircraft with engine type TIO540 indicate multiple AEDT equipment IDs used for airframe identification.

Note: Totals may not match exactly due to rounding. Repeated Aircraft and engine type indicates change in AEDT equipment ID.

4.2 Heavy Weight Deflectometer Testing

To better assess the structural integrity and the load-carrying capacity of the Montgomery-Gibbs Executive Airport pavements, a Non-Destructive Testing (NDT) utilizing a Heavy Weight Deflectometer (HWD) as shown in **Figure 4-1** was performed. The detailed testing plan and location can be found in **Appendix E**.

Source: Photo taken from https://www.dynatest.com/hwd website.

Figure 4-1 Dynatest Heavy Weight Deflectometer

The HWD creates an impulse load by dropping weights from a range of heights. This simulates the magnitude and duration of a moving aircraft wheel load. Three test loads (25, 35 and 45 kips) were applied in this study. The deflections were measured by sensors located at 0", 12", 18", 24", 36", 48", 60", 72" and 84" from the center of the load plate. The HWD test was conducted in general accordance with FAA Advisory Circular 150/5370-11, Use of Nondestructive Testing in the Evaluation of Airport Pavements.

The testing results (i.e. deflection data) and the pavement cross section information were used to back-calculate the in-situ material properties such as the subgrade characteristics. Together with the traffic data presented in Section 4.1, the pavement classification number was determined.

4.3 Pavement Cores

Five pavements cores were also taken in locations where the pavement cross section information cannot be obtained from historical review and prior geotechnical investigation. The pavement coring data is included in **Appendix F**.

4.4 Runway PCN Calculation

Traffic for PCN Calculation

A representative aircraft for each aircraft group/ type is shown in **Table 4-2** for PCN calculation. The annual departures were calculated using the total daily departures shown in **Table 4-1** and were rounded to the next highest integer.

Table 4-2 Fleet Mix and Traffic for Runway PCN Calculation

Aircraft Type per Table 4-1	Representative Aircraft in PCN Calculation	Gross Weight (lbs.)	Annual Departures
ECLIPSE500	Single Wheel Aircraft	5,950	610
LEAR35	Learjet-35A	18,000	255
CNA560U	Cessna Citation Ultra 560/ Citation-V	16,300	63
CNA560E	Cessna Citation Encore 560/ Citation-V	16,630	63
CNA55B	Cessna 550 Citation Bravo/ Citation-550B	14,800	306
CNA500	Cessna 500 Citation I/ Citation-525	11,850	542
CNA172	Cessna 172/ Single Wheel Aircraft	2,450	5,062
GASEPV	Beechcraft Bonanza 36/ Bonanza-F-36	3,650	26,167
BEC58P	Beechcraft Baron/ Baron-E-55	5,100	9,861
DHC6	de Havilland Canada DHC-6 Twin Otter/ Single Wheel Aircraft	12,500	1,561
EC130	Eurocopter EC130	5,351	502
PA42	Piper PA-42/ Single Wheel Aircraft	11,200	303
R44	Robinson R44 (helicopter)/ Single Wheel Aircraft	2,500	402
AS355F	Twin-engine light utility helicopter/ Single Wheel Aircraft	5,732	628
COMSEP	Single Wheel Aircraft	2,440	746
GASEPF	Single Wheel Aircraft	2,200	3,931

PCN for Runways

Computation of the PCN requires a subgrade modulus input for each section. The subgrade modulus was computed from the NDT deflection data using the FAA BAKFAA program. The data is summarized in **Table 4-3**.

Table 4-3 Back-calculation Result Using the FAA BAKFAA Program

Location	Surface Type	Estimated Existing Thicknesses[1]	Subgrade Modulus[2] (psi)	CBR[3]
10L-28R	Asphalt Concrete (AC)	3" AC + 6" P-208 + 6" P-154	11,529	7.7

Note 1: The existing pavement thicknesses were estimated using available as-builts.
Note 2: The modulus is calculated using the FAA BAKFAA program.
Note 3: E (Modulus) = 1500 x CBR per paragraph 3.13.5.3 in Advisory Circular 150/5320-6F.

During the report preparation, the Runway 5-23 geotechnical report prepared by Ninyo & Moore on August 30, 2011 was reviewed. In the report, 5 laboratory test results of California Bearing Ratio (CBR) were reported. Among those, three CBR values ranging from 6 to 13 with an average of 9.0 were reported for Runway 5-23.

As a part of Runway 10R-28L was also reconstructed in the Runway 5-23 rehabilitation project, the average subgrade CBR of Runway 28L is around 7.4 using all (i.e. five) reported CBR results included in the 2011 Runway 5-23 geotechnical report.

Based on the traffic information, back-calculation results, available geotechnical information and engineering judgements, the subgrade CBR is assumed/ estimated to be 7.7, 9.0 and 7.4 for Runway 10L-28R, Runway 5-23 and Runway 10R-28L, respectively.

The obtained numerical PCN values of runways using the FAA COMFAA program are summarized in **Table 4-4**. The PCN calculation of runways is included in **Appendix G**.

Table 4-4 PCN Results Using the FAA COMFAA Program

Runway Location/ Designation	Numerical PCN by COMFAA Program
10L-28R	48[1]
10R-28L	44
5-23	37

Note 1: The numerical PCN value may increase if the actual CBR test result is greater than 7.7 that is estimated using back-calculation.

The full PCN codes of all runways are included in **Table 4-5**. It is noted that the highest tire pressure (i.e. 171 psi) is from the Learjet 35 aircraft.

Table 4-5 Runway PCN Codes

Runway	PCN Code[1-5]
10L-28R	48/F/C/Y/T
10R-28L	44/F/C/Y/T
5-23	37/F/B/Y/T

Note 1: The first part of PCN code is a numerical value computed by the FAA COMFAA program.
Note 2: The second part of PCN code reports the pavement type. "F" denotes "flexible pavement".
Note 3: The third part of PCN code reports the subgrade strength category. "B" denotes "medium" strength with 8 < CBR < 13. "C" denotes "low" strength with 4 < CBR ≤ 8 for flexible pavements.
Note 4: The fourth part of PCN code reports the allowable tire pressure. "Y" denotes "medium" tire pressure with pressure limited to 181 psi.
Note 5: The last part of PCN code reports the method used to determine PCN. "T" denotes a technical evaluation method is used.
Note 6: The numerical PCN values are determined using AC 150/5335-5C. Refer to pages C-20 to C-23 for the process of adjusting the traffic input when the initial Cumulative Damage Factor (CDF) is too small.

5.1 Predicted Future (5-year) Pavement Condition Index

A typical pavement performance curve is illustrated in **Figure 5-1**. The pavement deterioration rate in general is slow when the condition is newer. It takes approximately three-quarters of the pavement life to reduce its condition by 40%. However, it only takes a short amount of time (e.g. 12% of pavement life) to decrease an additional 40% of its condition. Assuming no budget is available for maintenance and rehabilitation, the predicted PCI for all airfield pavements of Montgomery-Gibbs Executive Airport in the next 5 years is shown in **Table 5-1**. The predicted PCIs for each branch of airfield pavements are shown in **Figure 5-2** through **Figure 5-4**.

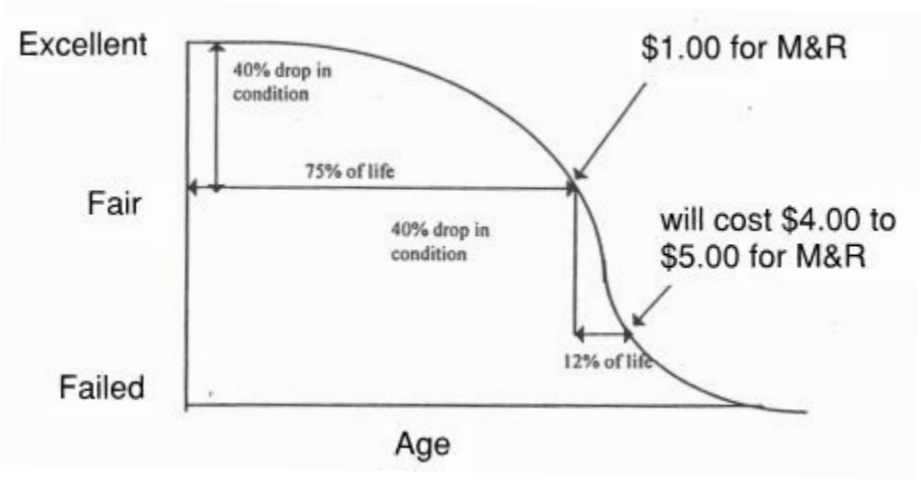


Figure 5-1 Standard Pavement Deterioration Curve

Table 5-1 Area-Weighted PCI for All Airfield Pavements (No Budget, Zero Maintenance)

Year	Area-weighted PCI
2017	75
2018 (Year 1)	73
2019 (Year 2)	71
2020 (Year 3)	69
2021 (Year 4)	67
2022 (Year 5)	65

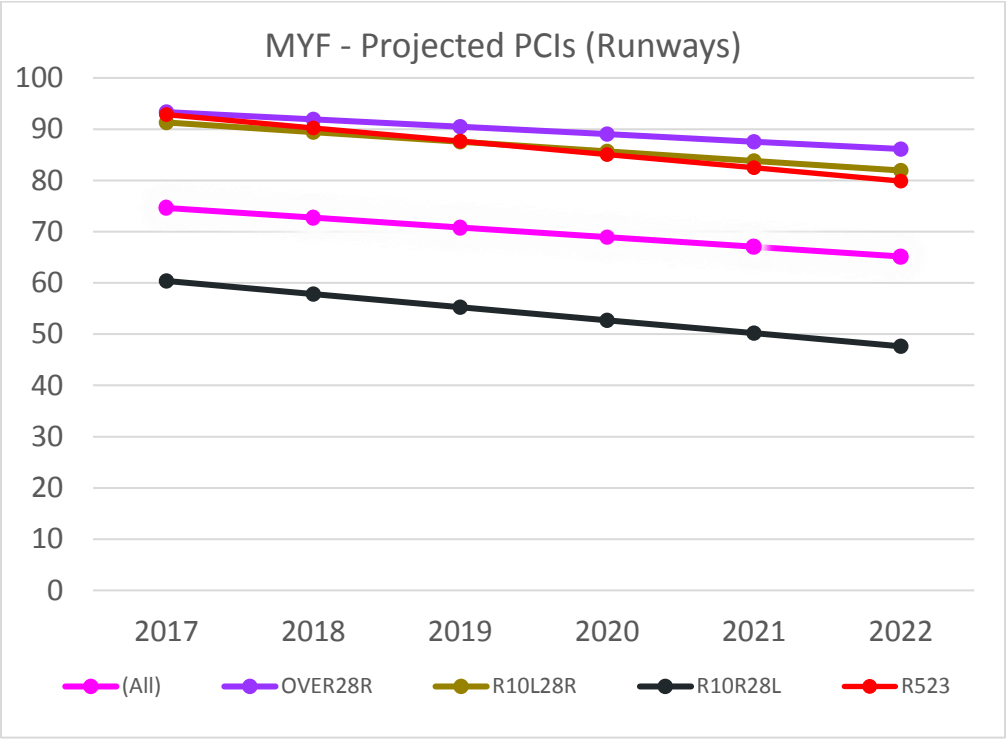


Figure 5-2 Area-Weighted PCI for Each Branch – Runways (No Budget, Zero Maintenance)

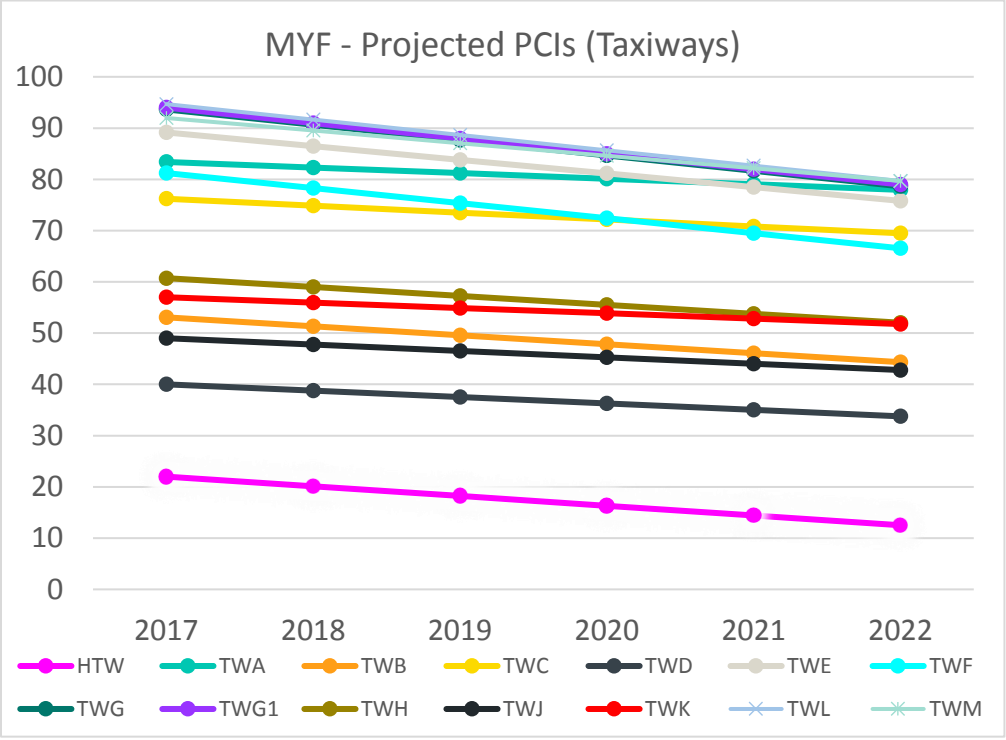


Figure 5-3 Area-Weighted PCI for Each Branch - Taxiways (No Budget, Zero Maintenance)

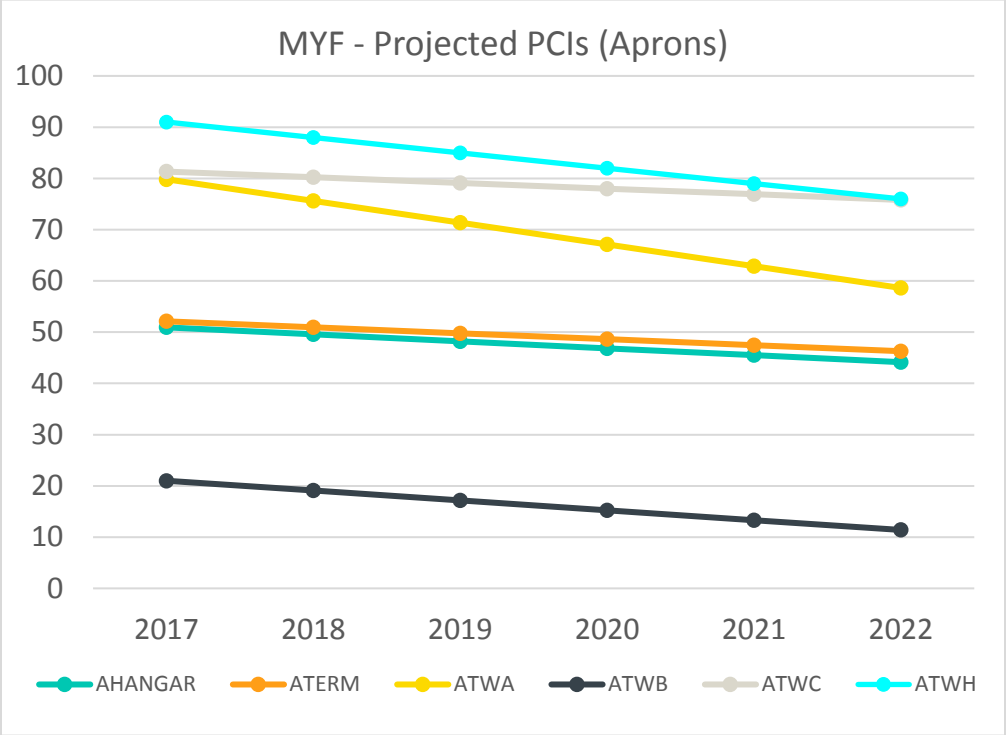


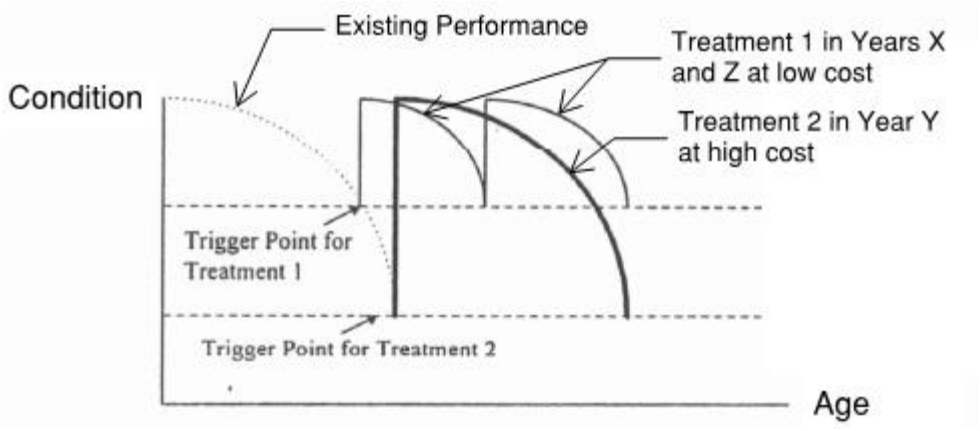
Figure 5-4 Area-Weighted PCI for Each Branch – Aprons (No Budget, Zero Maintenance)

5.2 Maintenance and Rehabilitation Options

Timing of Treatment

The most economic approach for pavement maintenance is to keep pavements in good repair. As illustrated in **Figure 5-5**, it is more cost effective to apply a low-cost treatment when a trigger point (critical PCI value) for Treatment 1 is reached. In other words, Treatment 1 can be applied multiple times throughout the pavement life once the critical PCI value is reached. If the right timing of treatment is missed, costly Treatment 2 will need to be applied to restore the pavement condition and to extend the pavement life. As shown in **Figure 5-5**, both options (Treatments 1 and 2) would extend the same amount of the pavement life. The higher cost Treatment 2 does not warrant a longer pavement life as the rate of deterioration increases significantly after the PCI drops below the critical value.

Figure 5-5 Timing of Treatment



Critical PCI Value, Maintenance Options and Cost Estimates

For the Montgomery-Gibbs Executive Airport, the critical PCI is set at 70. Once the airfield pavement falls within five points of the critical PCI (i.e. right above and below the threshold of good condition), those pavements will have a high priority to be maintained to stay within good condition. Applicable preventative treatments and unit costs are shown in **Table 5-2**.

Table 5-2 Preventative/ Stopgap Maintenance Options and Costs

Treatment Type Name	Unit Cost[1, 2]	
Crack Sealing – AC	$1.29 / Ft	
Patching – AC Deep	$15.43 / SqFt	$138.87 / SqYd
Patching – AC Shallow	$12.86 / SqFt	$115.74 / SqYd
Surface Treatment	$0.34 / SqFt	$3.06 / SqYd

Note 1: The unit costs were collected from bid tabs from nearby airports in the FAA Western-Pacific Region and were escalated per Turner Building Cost Index – 2017 Third Quarter Forecast.
Note 2: The unit cost only reflects pavement related items. Non-pavement related costs such as electrical, drainage and geotechnical investigation etc. are EXCLUDED. The unit cost also EXCLUDES overhead, mobilization, engineering and construction observation fees, as well as contingencies.

The schedule and location to receive preventative treatments for Montgomery-Gibbs Executive Airport are shown in **Table 5-3**.

Table 5-3 Preventative Treatment Schedule

Year to Begin Preventative Treatment	Branch-Section	Surface Type	2017 PCI
2018	ATWC-01	Asphalt	72
2018	TWF-03	Asphalt	74
2019	TWF-05	Asphalt	76
2020	ATWA-01	Asphalt	78
2020	TWA-02	Asphalt	79
2021	R10L28R-03L	Asphalt	82
2021	R10L28R-02L	Asphalt	83
2022	TWC-02	Asphalt	83

Note 1: To be effective, preventative treatments should be applied when the airfield pavement falls within 5 points of the critical PCI (=70).

For pavements with a PCI below 70 (i.e. the threshold of good condition), either restoration/ rehabilitation and/or major reconstruction are needed in the foreseeable future. Pavements in fair (PCI = 70-55) condition can be restored to the good condition with lesser costs in comparison with pavements in poor condition (PCI = 55 or below). **Figure 5-6** illustrates the areas recommended for preventative treatment, rehabilitation and reconstruction.

The unit costs of major rehabilitation and reconstruction are shown in **Table 5-4**. The cost of major rehabilitation and reconstruction is estimated by multiplying a section's area by the unit cost listed in **Table 5-4**. These costs include pavement removal, subgrade preparation, base course construction and a pavement surface course.

Table 5-4 Maintenance and Rehabilitation/ Reconstruction Cost Based on PCI

PCI	Cost AC[1, 2]	Cost PCC[1, 2]
0-40	$12.86 / SqFt	$15.43 / SqFt
50	$7.07 / SqFt	$9.00 / SqFt
60	$3.86 / SqFt	$5.79 / SqFt
70	$2.89 / SqFt	$3.86 / SqFt
80	$0.96 / SqFt	$0.96 / SqFt
90	$0.64 / SqFt	$0.64 / SqFt
100	$0.00 / SqFt	$0.00 / SqFt

Note 1: The estimated costs were from nearby airports in Southern CA and were escalated per Turner Building Cost Index – 2017 Third Quarter Forecast.
Note 2: The cost only reflects pavement related items. Non-pavement related costs such as electrical, drainage and geotechnical investigation etc. are EXCLUDED. The unit cost also EXCLUDES overhead, mobilization, engineering and construction observation fees, as well as contingencies.

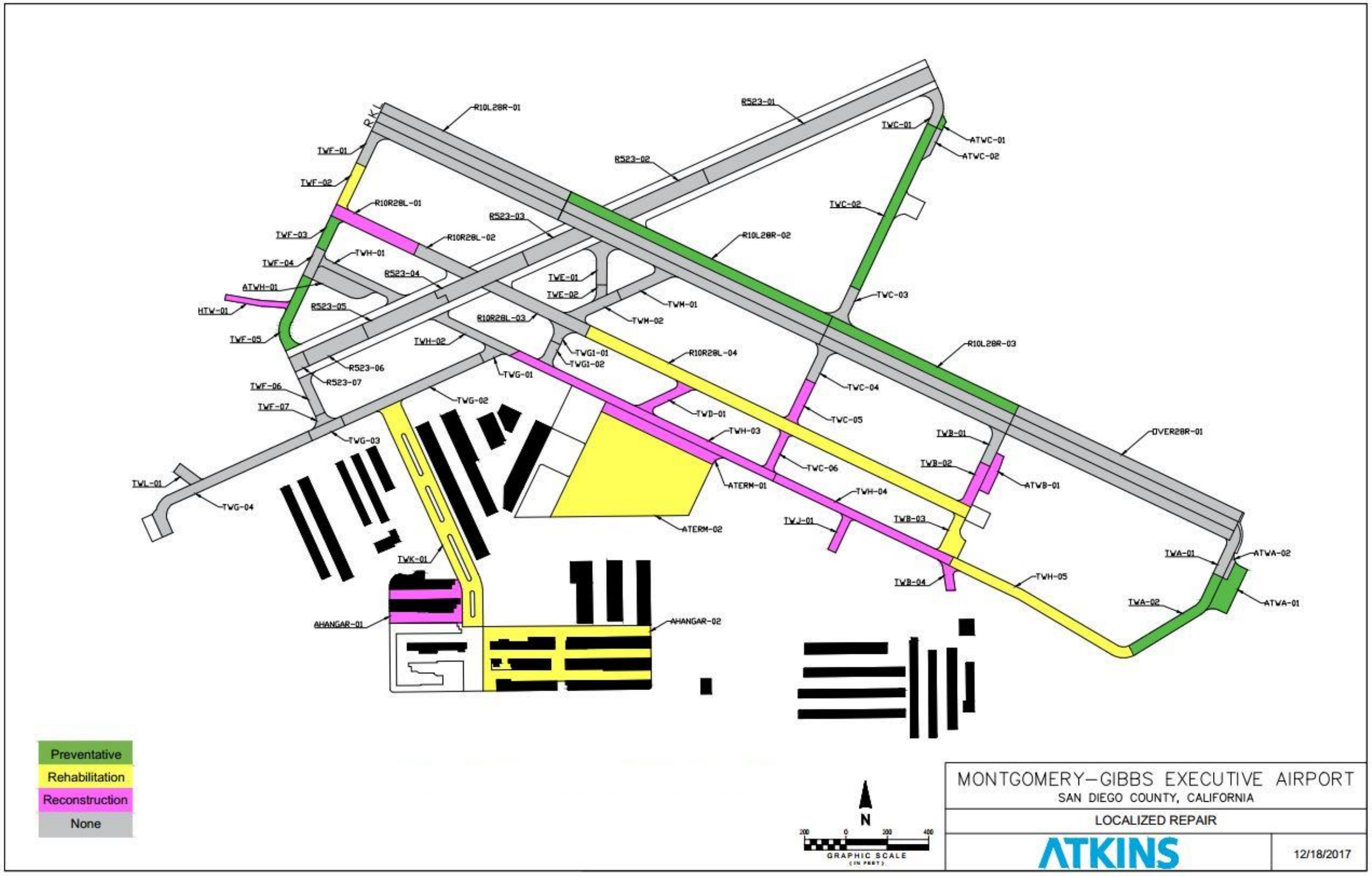
The estimated preventative treatment cost to keep good/ fair pavements (i.e. PCI greater than 65) above the threshold (i.e. PCI=70) is shown in **Table 5-5**. This estimate assumes 10% of the asphalt pavement will receive a shallow and a deep asphalt patch in the next 5 years, respectively. The cost also assumes approximately 12,000 feet crack seal and one surface treatment for the asphalt pavements.

Table 5-5 Estimated Preventative Treatment Cost (2018-2022)

Plan Years	Annualized Preventative Treatment Cost[1] (Asphalt Pavement)
2018-2022	$156,000

Note 1: The estimate is based on the unit cost presented in **Table 5-4**. The cost only reflects pavement related items and EXCLUDES any administration, mobilization, utility work, engineering observation, annual escalation and contingencies.

Figure 5-6 Recommended Treatments



Assuming an unlimited budget is available in the next five years, the estimated budget requirements for rehabilitation/ reconstruction (i.e. pavement PCI < 70) of each section are shown in **Table 5-6**. While the cost estimates provide a useful network-level planning tool, they are not comprehensive engineer's estimate as the cost is only pertinent to pavement construction cost. Administration cost, utility improvement (e.g. electrical, drainage etc.), construction phasing, mobilization, non-pavement related items (e.g. subsurface investigation, surveying etc.), professional engineer's fee, annual escalation and contingencies are excluded in the estimate. A detailed engineering study and the project specific cost estimates shall be developed on a case-by-case basis to ensure the most appropriate rehabilitation strategy is chosen at the time of implementation.

Table 5-6 Estimated Rehabilitation/ Restoration and Reconstruction Costs (2018-2022), Unconstrainted Budget

Branch ID	Section ID	Treatment	Total Rehabilitation/ Reconstruction Cost[1] (2018-2022)	Annualized Rehabilitation/ Reconstruction Cost[1] (Over 5 years)
AHANGAR	02	Restoration/ Rehabilitation	$1,777,000	$947,000
R10R28L	04	Restoration/ Rehabilitation	$865,000	
ATERM	02	Restoration/ Rehabilitation	$1,075,000	
TWK	01	Restoration/ Rehabilitation	$723,000	
TWB	03	Restoration/ Rehabilitation	$59,000	
TWF	02	Restoration/ Rehabilitation	$43,000	
TWH	05	Restoration/ Rehabilitation	$193,000	
5-year Subtotal (Restoration/ Rehabilitation)			**$4,735,000**	
TWB	02	Reconstruction	$146,000	$695,000
ATWB	01	Reconstruction	$120,000	
HTW	01	Reconstruction	$111,000	
R10R28L	01	Reconstruction	$342,000	
TWC	05	Reconstruction	$142,000	
AHANGAR	01	Reconstruction	$412,000	
TWD	01	Reconstruction	$152,000	
TWC	06	Reconstruction	$109,000	
ATERM	01	Reconstruction	$521,000	
TWB	04	Reconstruction	$79,000	
TWH	03	Reconstruction	$740,000	
TWH	04	Reconstruction	$502,000	
TWJ	01	Reconstruction	$99,000	
5-year Subtotal (Reconstruction)			**$3,475,000**	
5-year Grand Total			**$8,210,000**	$1,642,000

Note 1: The estimate is based on the unit cost presented in Table **5-**. The cost only reflects pavement related items and EXCLUDES any administration, mobilization, utility work, detailed engineering, structural observation, annual escalation and contingencies.

Per recent budgetary information provided by the Airport, it can take time for grant application and funding approval to support planned pavement maintenance, rehabilitation and reconstruction. Stopgap treatments as shown in **Table 5-6** can be applied to maintain the airport pavements safe and operational while application for funding to support the planned maintenance, rehabilitation and reconstruction is being approved.

6.1 CIP Recommendation and Prioritization

As an unlimited budget is unlikely to be available to support all identified rehabilitation and reconstruction needs shown in **Table 5-6**, a list of the Capital Improvement Program (CIP) projects are proposed in **Table 6-1**. The prioritization is based on the following.

- The existing pavement condition presented in **Figure 3-2**.
- The operational importance presented in **Figure 6-1**. In general, runway pavements will have the highest priority to be maintained followed by the taxiway and apron pavements.
- The existing maintenance need (e.g. Taxiway K) identified by the Airport.

Table 6-1 The Proposed 5-year CIP Program and Priority

Priority	Plan Year	Branch-Section	Cost [1]
1	2018	R10R28L-01	$342,000
2	2018	TWB-02	$146,000
3	2018	HTW-01	$111,000
4	2018	TWK-01	$723,000
5	2019	R10R28L-04	$865,000
5	2019	TWC-05	$142,000
7	2019	TWC-06	$109,000
8	2019	ATWB-01	$120,000
9	2020	TWD-01	$152,000
10	2020	TWB-04	$79,000
11	2020	TWH-03	$740,000
12	2020	AHANGAR-01	$412,000
13	2021	TWH-04	$502,000
14	2021	TWB-03	$59,000
15	2021	ATERM-01	$521,000
16	2021	AHANGAR-02	$1,777,000
17	2022	TWJ-01	$99,000
18	2022	TWF-02	$43,000
19	2022	TWH-05	$193,000
20	2022	ATERM-02	$1,075,000

Note 1: Refer to Section 5.2.2 for unit costs based on PCIs. The cost only reflects pavement related items and EXCLUDES any administration, mobilization, utility work, detailed engineering, structural observation, annual escalation and contingencies.

The five-year CIP exhibit for the Montgomery-Gibbs Executive Airport is shown in **Figure 6-2**.

The airport can begin the grant application process at the earliest opportunity and apply stopgap treatment as discussed in Chapter 5 while waiting for the funding approval. As iterated in Section 5.2.2, the estimated CIP cost excludes any administration cost, non-pavement related improvements (e.g. utilities), professional engineering fee, construction observation fees, annual escalation and contingencies. Cost estimates presented in this report are based on November 2017 dollars.

Figure 6-1 Section Ranks

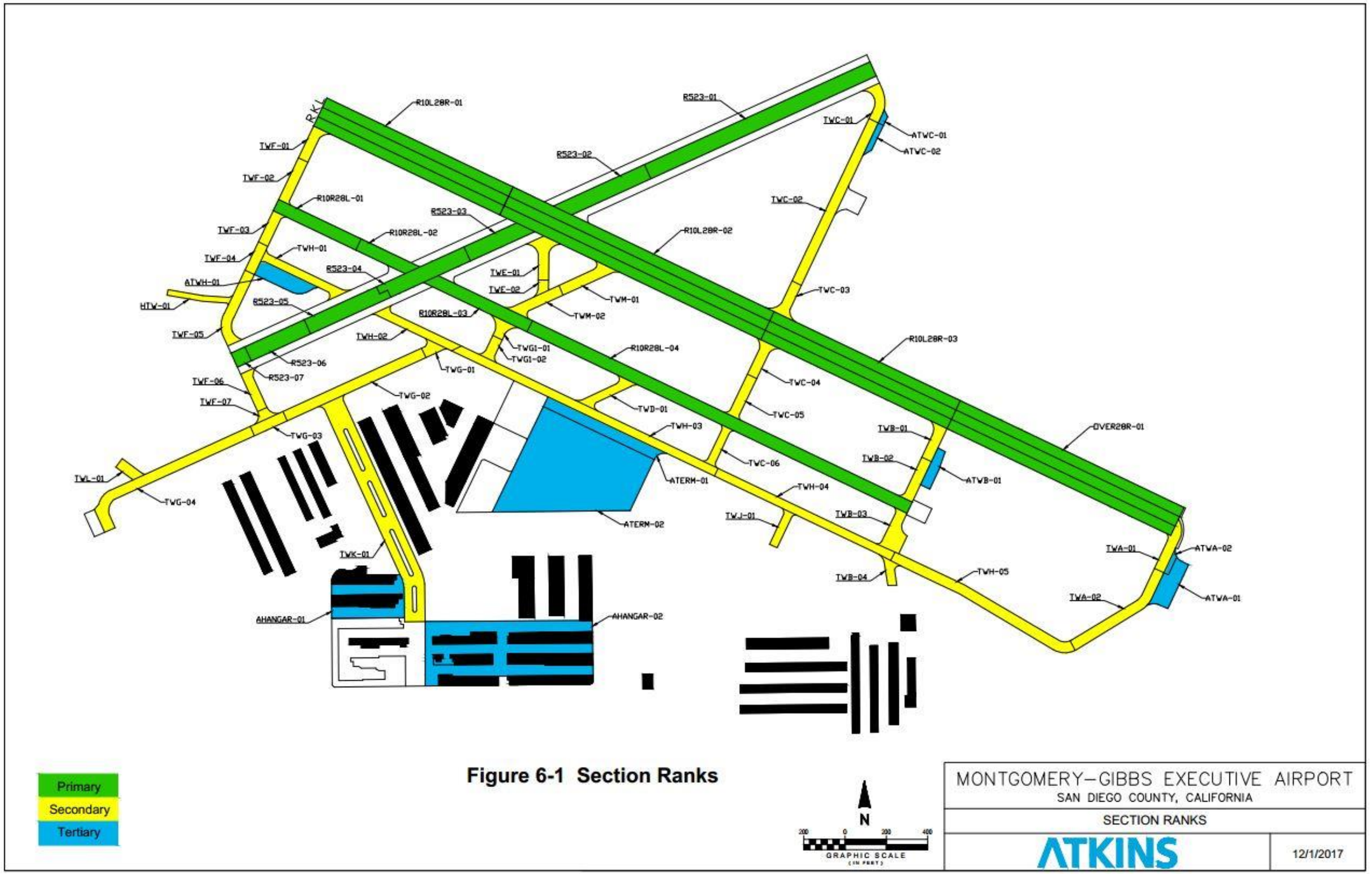


Figure 6-2 Recommended Capital Improvement Program (2018-2022)

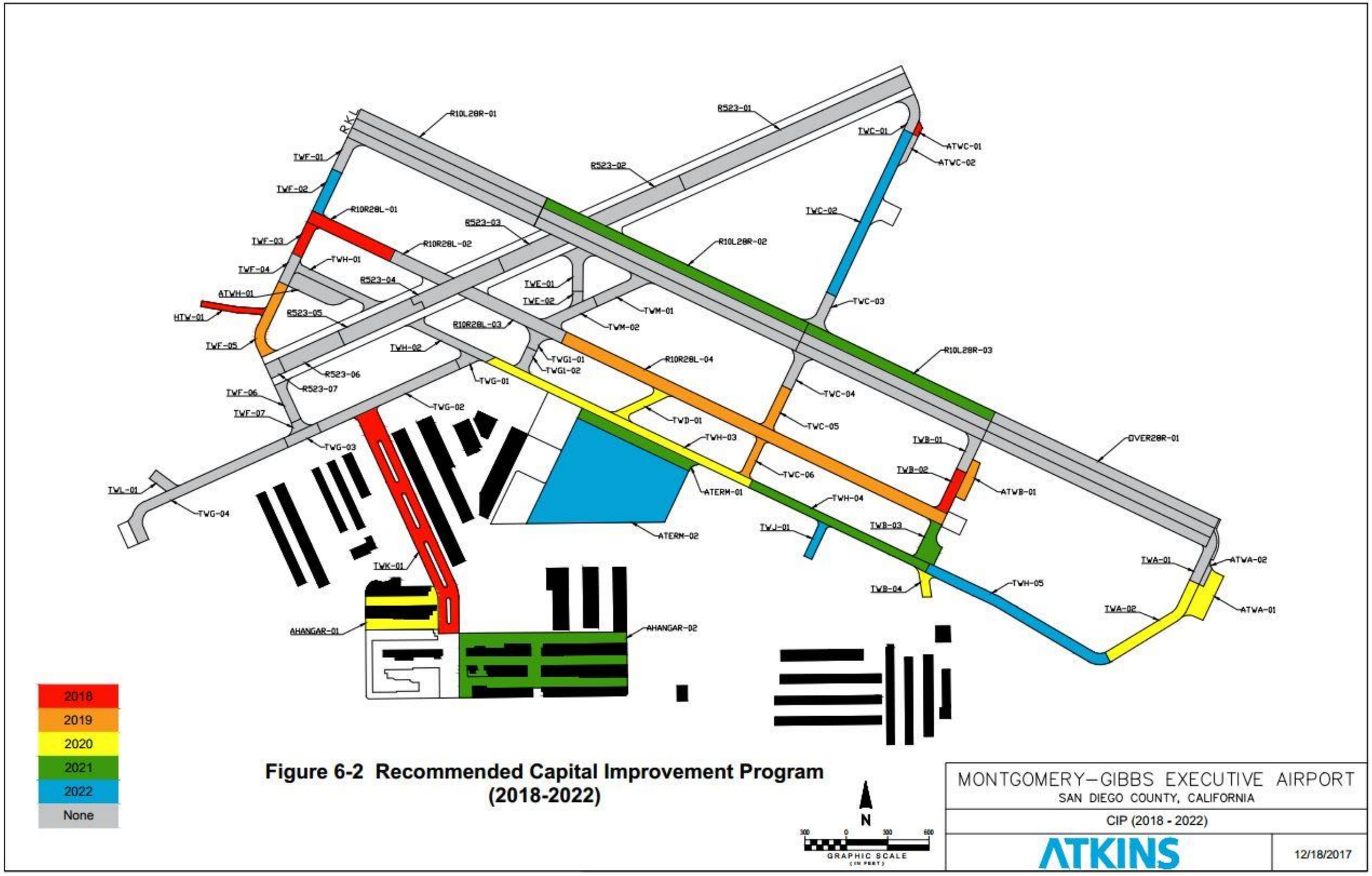


Figure 6-2 Recommended Capital Improvement Program (2018-2022)

Appendix A Branch Listing Report

Network ID	Branch ID	Name	Use	Number of Sections	True Area (SF)	Comments
MYF	AHANGAR	Hangar Apron	APRON	2	283,339.00	
MYF	ATERM	Terminal Apron	APRON	2	192,613.00	
MYF	ATWA	Taxiway A Warm Up	APRON	2	22,674.00	
MYF	ATWB	Taxiway B Warm Up	APRON	1	9,288.00	
MYF	ATWC	Taxiway C Warm Up	APRON	2	5,850.00	
MYF	ATWH	Taxiway H Warm Up	APRON	1	20,642.00	
MYF	HTW	Heli Taxiway	TAXIWAY	1	8,598.00	
MYF	OVER28R	Stopway RWY 28R	STOPWAY	3	180,150.00	
MYF	R10L28R	RWY 10L-28R	RUNWAY	9	510,150.00	
MYF	R10R28L	RWY 10R-28L	RUNWAY	4	198,279.00	
MYF	R523	RWY 5-23	RUNWAY	7	240,476.00	
MYF	TWA	Taxiway A	TAXIWAY	2	41,304.00	
MYF	TWB	Taxiway B	TAXIWAY	4	42,538.00	
MYF	TWC	Taxiway C	TAXIWAY	6	92,436.00	
MYF	TWD	Taxiway D	TAXIWAY	1	11,820.00	
MYF	TWE	Taxiway E	TAXIWAY	2	16,803.00	
MYF	TWF	Taxiway F	TAXIWAY	7	69,865.00	
MYF	TWG	Taxiway G	TAXIWAY	4	97,845.00	
MYF	TWG1	Taxiway G1	TAXIWAY	2	12,254.00	
MYF	TWH	Taxiway H	TAXIWAY	5	182,427.00	
MYF	TWJ	Taxiway J	TAXIWAY	1	7,671.00	
MYF	TWK	Taxiway K	TAXIWAY	1	102,350.00	
MYF	TWL	Taxiway L	TAXIWAY	1	6,137.00	
MYF	TWM	Taxiway M	TAXIWAY	2	27,714.00	

*Pavement Management System **PAVER 7.0 ™***

Total Number of Networks: 1
Total Number of Branches: 24
Total Number of Sections: 72
Total True Area: 2,383,223.00 (SqFt)
Average Branch True Area: 99,300.96 (SqFt)

Appendix B Branch Condition Report

Branch ID	Number of Sections	Sum Section Length (Ft)	Avg Section Width (Ft)	True Area (SqFt)	Use	Average PCI	Standard Deviation PCI	Weighted Average PCI
AHANGAR	2	472.00	595.00	283,339.00	APRON	45.50	5.50	49.76
ATERM	2	3,800.00	50.00	192,613.00	APRON	49.50	4.50	52.11
ATWA	2	320.00	57.50	22,674.00	APRON	86.00	8.00	79.83
ATWB	1	200.00	45.00	9,288.00	APRON	21.00	0.00	21.00
ATWC	2	195.00	30.00	5,850.00	APRON	78.50	6.50	81.33
ATWH	1	275.00	75.00	20,642.00	APRON	91.00	0.00	91.00
HTW	1	285.00	30.00	8,598.00	TAXIWAY	22.00	0.00	22.00
OVER28R	3	3,600.00	50.00	180,150.00	STOPWAY	93.33	0.47	93.33
R10L28R	9	10,200.0 0	50.00	510,150.00	RUNWAY	91.44	4.79	91.31
R10R28L	4	3,300.00	60.00	198,279.00	RUNWAY	68.00	25.43	60.38
R523	7	3,193.00	75.00	240,476.00	RUNWAY	93.14	1.12	92.83
TWA	2	820.00	50.00	41,304.00	TAXIWAY	86.50	7.50	83.39
TWB	4	735.00	47.50	42,538.00	TAXIWAY	53.00	24.14	53.08
TWC	6	1,845.00	48.33	92,436.00	TAXIWAY	72.33	23.13	76.21
TWD	1	235.00	50.00	11,820.00	TAXIWAY	40.00	0.00	40.00
TWE	2	325.00	50.00	16,803.00	TAXIWAY	91.00	3.00	89.15
TWF	7	1,350.00	50.00	69,865.00	TAXIWAY	83.86	12.12	81.22
TWG	4	1,900.00	50.00	97,845.00	TAXIWAY	92.25	3.03	93.64
TWG1	2	230.00	50.00	12,254.00	TAXIWAY	94.00	0.00	94.00
TWH	5	4,265.00	42.00	182,427.00	TAXIWAY	68.60	20.08	60.72
TWJ	1	185.00	40.00	7,671.00	TAXIWAY	49.00	0.00	49.00
TWK	1	1,150.00	85.00	102,350.00	TAXIWAY	57.00	0.00	57.00
TWL	1	100.00	50.00	6,137.00	TAXIWAY	94.00	0.00	94.00
TWM	2	514.00	50.00	27,714.00	TAXIWAY	92.00	1.00	91.97

Pavement Management System ***PAVER 7.0 ™***

Use Category	Number of Sections	Total Area (SqFt)	Arithmetic Average PCI	Standard Deviation PCI	Weighted Average PCI
APRON	10	534406.000163356	63.10	23.19	53.32
STOPWAY	3	180150.000055068	93.33	0.47	93.33
RUNWAY	20	948905.000290058	87.35	15.30	85.23
TAXIWAY	39	719762.000220015	75.23	22.73	71.28
ALL	72	2383223.0007285	77.67	22.10	74.48

Appendix C Section Condition Report

Pavement Database: MYF 11-14-2017

Branch ID	Section ID	Last Const. Date	Surface	Use	Rank	Lanes	True Area (SqFt)	Last Inspection	Age At Inspec	PCI
NetworkId: MYF										
AHANGAR	01	7/1/1981	AC	APRON	T	0	32,023.00	8/18/2017	36	40
AHANGAR	02	7/1/1981	AAC	APRON	T	0	251,316.00	8/18/2017	36	51
ATERM	01	7/1/1976	AAC	APRON	T	0	40,550.00	8/18/2017	41	45
ATERM	02	7/1/1976	AAC	APRON	T	0	152,063.00	8/18/2017	41	54
ATWA	01	1/1/2013	AAC	APRON	T	0	20,080.00	8/18/2017	4	78
ATWA	02	9/1/1996	AC	APRON	T	0	2,594.00	8/18/2017	21	94
ATWB	01	7/1/1976	AAC	APRON	T	0	9,288.00	8/18/2017	41	21
ATWC	01	11/1/2016	AC	APRON	T	0	1,650.00	8/18/2017	1	72
ATWC	02	7/1/1976	AC	APRON	T	0	4,200.00	8/18/2017	41	85
ATWH	01	11/1/2016	AC	APRON	T	0	20,642.00	8/18/2017	1	91
HTW	01	7/1/1976	AC	TAXIWAY	S	0	8,598.00	8/18/2017	41	22
OVER28R	01K	1/1/2013	AAC	OVERRUN	P	0	60,050.00	8/18/2017	4	93
OVER28R	01L	1/1/2013	AAC	OVERRUN	P	0	60,050.00	8/18/2017	4	94
OVER28R	01R	1/1/2013	AAC	OVERRUN	P	0	60,050.00	8/18/2017	4	93
R10L28R	01K	1/1/2013	AC	RUNWAY	P	0	50,000.00	8/18/2017	4	94
R10L28R	01L	1/1/2013	AC	RUNWAY	P	0	50,000.00	8/18/2017	4	94
R10L28R	01R	1/1/2013	AC	RUNWAY	P	0	50,000.00	8/18/2017	4	94
R10L28R	02K	1/1/2013	AC	RUNWAY	P	0	70,050.00	8/18/2017	4	94
R10L28R	02L	1/1/2013	AC	RUNWAY	P	0	70,050.00	8/18/2017	4	83
R10L28R	02R	1/1/2013	AC	RUNWAY	P	0	70,050.00	8/18/2017	4	94
R10L28R	03K	1/1/2013	AC	RUNWAY	P	0	50,000.00	8/18/2017	4	94
R10L28R	03L	1/1/2013	AC	RUNWAY	P	0	50,000.00	8/18/2017	4	82
R10L28R	03R	1/1/2013	AC	RUNWAY	P	0	50,000.00	8/18/2017	4	94
R10R28L	01	9/1/1996	AAC	RUNWAY	P	0	26,575.00	8/18/2017	21	34
R10R28L	02	11/1/2016	AC	RUNWAY	P	0	17,442.00	8/18/2017	1	91
R10R28L	03	11/1/2016	AC	RUNWAY	P	0	31,852.00	8/18/2017	1	94
R10R28L	04	9/1/1996	AAC	RUNWAY	P	0	122,410.00	8/18/2017	21	53
R523	01	11/1/2016	AC	RUNWAY	P	0	90,030.00	8/18/2017	1	92
R523	02	1/1/2013	AC	RUNWAY	P	0	34,058.00	8/18/2017	4	94
R523	03	1/1/2013	AC	RUNWAY	P	0	23,348.00	8/18/2017	4	94
R523	04	11/1/2016	AC	RUNWAY	P	0	33,364.00	8/18/2017	1	94
R523	05	11/1/2016	AC	RUNWAY	P	0	30,455.00	8/18/2017	1	93
R523	06	11/1/2016	AC	RUNWAY	P	0	23,635.00	8/18/2017	1	91
R523	07	11/1/2016	AC	RUNWAY	P	0	5,586.00	8/18/2017	1	94
TWA	01	1/1/2013	AAC	TAXIWAY	S	0	12,102.00	8/18/2017	4	94
TWA	02	9/1/1996	AC	TAXIWAY	S	0	29,202.00	8/18/2017	21	79
TWB	01	1/1/2013	AAC	TAXIWAY	S	0	9,642.00	8/18/2017	4	86
TWB	02	7/1/1976	AAC	TAXIWAY	S	0	11,358.00	8/18/2017	41	19
TWB	03	7/1/1976	AAC	TAXIWAY	S	0	15,423.00	8/18/2017	41	60
TWB	04	7/1/1976	AAC	TAXIWAY	S	0	6,115.00	8/18/2017	41	47
TWC	01	11/1/2016	AC	TAXIWAY	S	0	9,744.00	8/18/2017	1	92
TWC	02	7/1/1976	AC	TAXIWAY	S	0	43,094.00	8/18/2017	41	83
TWC	03	1/1/2013	AAC	TAXIWAY	S	0	10,160.00	8/18/2017	4	92
TWC	04	1/1/2013	AAC	TAXIWAY	S	0	9,940.00	8/18/2017	4	87
TWC	05	7/1/1976	AAC	TAXIWAY	S	0	11,030.00	8/18/2017	41	37
TWC	06	7/11/1985	AC	TAXIWAY	S	0	8,468.00	8/18/2017	32	43
TWD	01	7/11/1969	AAC	TAXIWAY	S	0	11,820.00	8/18/2017	48	40

Pavement Database: MYF 11-14-2017

Branch ID	Section ID	Last Const. Date	Surface	Use	Rank	Lanes	True Area (SqFt)	Last Inspection	Age At Inspec	PCI
TWE	01	1/1/2013	AAC	TAXIWAY	S	0	13,575.00	8/18/2017	4	88
TWE	02	11/1/2016	AC	TAXIWAY	S	0	3,228.00	8/18/2017	1	94
TWF	01	1/1/2013	AAC	TAXIWAY	S	0	9,205.00	8/18/2017	4	94
TWF	02	2/1/2008	AAC	TAXIWAY	S	0	11,362.00	8/18/2017	9	62
TWF	03	6/1/2009	AAC	TAXIWAY	S	0	8,575.00	8/19/2017	8	74
TWF	04	11/1/2016	AC	TAXIWAY	S	0	7,598.00	8/18/2017	1	94
TWF	05	6/1/2009	AAC	TAXIWAY	S	0	19,325.00	8/18/2017	8	76
TWF	06	11/1/2016	AC	TAXIWAY	S	0	10,220.00	8/18/2017	1	93
TWF	07	11/1/2016	AC	TAXIWAY	S	0	3,580.00	8/18/2017	1	94
TWG	01	11/1/2016	AC	TAXIWAY	S	0	5,040.00	8/18/2017	1	87
TWG	02	11/1/2016	AC	TAXIWAY	S	0	36,735.00	8/18/2017	1	94
TWG	03	11/1/2016	AC	TAXIWAY	S	0	8,645.00	8/18/2017	1	94
TWG	04	11/1/2016	AC	TAXIWAY	S	0	47,425.00	8/18/2017	1	94
TWG1	01	11/1/2016	AC	TAXIWAY	S	0	6,112.00	8/18/2017	1	94
TWG1	02	11/1/2016	AC	TAXIWAY	S	0	6,142.00	8/18/2017	1	94
TWH	01	11/1/2016	AC	TAXIWAY	S	0	17,946.00	8/18/2017	1	90
TWH	02	11/1/2016	AC	TAXIWAY	S	0	17,908.00	8/18/2017	1	94
TWH	03	7/1/1976	AAC	TAXIWAY	S	0	57,575.00	8/18/2017	41	47
TWH	04	7/1/1976	AAC	TAXIWAY	S	0	38,998.00	8/18/2017	41	48
TWH	05	9/1/1996	AC	TAXIWAY	S	0	50,000.00	8/18/2017	21	64
TWJ	01	7/1/1976	AAC	TAXIWAY	S	0	7,671.00	8/18/2017	41	49
TWK	01	7/1/1976	AAC	TAXIWAY	S	0	102,350.00	8/18/2017	41	57
TWL	01	11/1/2016	AC	TAXIWAY	S	0	6,137.00	11/9/2017	1	94
TWM	01	1/1/2013	AAC	TAXIWAY	S	0	14,304.00	8/18/2017	4	91
TWM	02	11/1/2016	AC	TAXIWAY	S	0	13,410.00	8/18/2017	1	93

Section Condition Report (Summary)

Pavement Database: MYF 11-14-2017

Age Category	Average Age at Inspection	Total Area (SqFt)	Number of Sections	Arithmetic Average PCI	Standard Deviation PCI	Weighted Average PCI
00-02	1	454,526.00	24	91.96	4.50	92.72
03-05	4	846,714.00	22	90.95	4.68	91.52
06-10	8	39,262.00	3	70.67	6.18	71.51
21-25	21	230,781.00	5	64.80	20.70	56.95
31-35	32	8,468.00	1	43.00	0.00	43.00
36-40	37	283,339.00	2	45.50	5.50	49.76
41-50	41	520,133.00	15	47.60	18.79	52.78
ALL	13	2,383,223.00	72	77.67	22.10	74.48

Appendix D Pavement Inspection Report

Re-Inspection Report

MYF 12-01-2017
Generated Date 12/18/2017

Network: MYF **Name:** MYF

Branch: AHANGAR **Name:** Hangar Apron **Use:** APRON **Area:** 283,339 SqFt

Section: 02 of 2 **From:** MAP **To:** MAP **Last Const.:** 7/1/1981

Surface: AAC **Family:** DEFAULT **Zone:** **Category:** **Rank:** T

Area: 251,316 SqFt **Length:** 420 Ft **Width:** 595 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 30 **Surveyed:** 4

Conditions: **PCI:** 51

Inspection Comments:

Sample Number: 002 **Type:** R **Area:** 6393.00 SqFt **PCI:** 38

Re-Inspection Report

44	CORRUGATION	L	192.00	SqFt	Comments:
52	RAVELING	L	2130.00	SqFt	Comments:
41	ALLIGATOR CR	M	225.00	SqFt	Comments:
43	BLOCK CR	L	1372.00	SqFt	Comments:
48	L & T CR	L	21.00	Ft	Comments:

Sample Number: 008 **Type:** R **Area:** 4981.00 SqFt **PCI:** 45

Re-Inspection Report

52	RAVELING	L	4200.00	SqFt	Comments:
41	ALLIGATOR CR	M	120.00	SqFt	Comments:
43	BLOCK CR	L	612.00	SqFt	Comments:
48	L & T CR	M	105.00	Ft	Comments:
48	L & T CR	L	28.00	Ft	Comments:

Sample Number: 017 **Type:** R **Area:** 4557.00 SqFt **PCI:** 72

Re-Inspection Report

52	RAVELING	L	760.00	SqFt	Comments:
48	L & T CR	L	438.00	Ft	Comments:

Sample Number: 024 **Type:** R **Area:** 5788.00 SqFt **PCI:** 54

Re-Inspection Report

52	RAVELING	L	1930.00	SqFt	Comments:
43	BLOCK CR	L	2204.00	SqFt	Comments:
41	ALLIGATOR CR	M	42.00	SqFt	Comments:
48	L & T CR	L	203.00	Ft	Comments:

Network: MYF **Name:** MYF

Branch: AHANGAR **Name:** Hangar Apron **Use:** APRON **Area:** 283,339 SqFt

Section: 01 of 2 **From:** MAP **To:** MAP **Last Const.:** 7/1/1981

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** T

Area: 32,023 SqFt **Length:** 52 Ft **Width:** 595 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 8 **Surveyed:** 3

Conditions: **PCI:** 40

Inspection Comments:

Sample Number: 002 **Type:** R **Area:** 5183.00 SqFt **PCI:** 59

Re-Inspection Report

43	BLOCK CR	L	5183.00	SqFt	Comments:
52	RAVELING	L	1720.00	SqFt	Comments:

Sample Number: 006 **Type:** R **Area:** 5567.00 SqFt **PCI:** 19

Re-Inspection Report

43	BLOCK CR	H	1990.00	SqFt	Comments:
43	BLOCK CR	M	532.00	SqFt	Comments:
52	RAVELING	H	234.00	SqFt	Comments:
45	DEPRESSION	L	144.00	SqFt	Comments:
48	L & T CR	L	47.00	Ft	Comments:
52	RAVELING	L	5333.00	SqFt	Comments:

Sample Number: 008 **Type:** R **Area:** 4247.00 SqFt **PCI:** 45

Re-Inspection Report

52	RAVELING	L	4247.00	SqFt	Comments:
43	BLOCK CR	L	3547.00	SqFt	Comments:
43	BLOCK CR	M	700.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: ATERM **Name:** Terminal Apron **Use:** APRON **Area:** 192,613 SqFt

Section: 01 of 2 **From:** MAP **To:** MAP **Last Const.:** 7/1/1976

Surface: AAC **Family:** DEFAULT **Zone:** **Category:** **Rank:** T

Area: 40,550 SqFt **Length:** 800 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 7 **Surveyed:** 3

Conditions: **PCI:** 45

Inspection Comments:

Sample Number: 002 **Type:** R **Area:** 4474.00 SqFt **PCI:** 57

Re-Inspection Report

43	BLOCK CR	L	2025.00	SqFt	Comments:
52	RAVELING	L	4474.00	SqFt	Comments:
48	L & T CR	M	33.00	Ft	Comments:
48	L & T CR	L	64.00	Ft	Comments:

Sample Number: 004 **Type:** R **Area:** 4494.00 SqFt **PCI:** 34

Re-Inspection Report

52	RAVELING	L	4494.00	SqFt	Comments:
48	L & T CR	H	5.00	Ft	Comments:
48	L & T CR	M	63.00	Ft	Comments:
48	L & T CR	L	44.00	Ft	Comments:
41	ALLIGATOR CR	L	156.00	SqFt	Comments:
43	BLOCK CR	M	1122.00	SqFt	Comments:
56	SWELLING	M	78.00	SqFt	Comments:

Sample Number: 006 **Type:** R **Area:** 4513.00 SqFt **PCI:** 45

Re-Inspection Report

52	RAVELING	L	4513.00	SqFt	Comments:
48	L & T CR	M	168.00	Ft	Comments:
48	L & T CR	L	138.00	Ft	Comments:
41	ALLIGATOR CR	L	190.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: ATERM **Name:** Terminal Apron **Use:** APRON **Area:** 192,613 SqFt

Section: 02 of 2 **From:** MAP **To:** MAP **Last Const.:** 7/1/1976

Surface: AAC **Family:** DEFAULT **Zone:** **Category:** **Rank:** T

Area: 152,063 SqFt **Length:** 3,000 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 54 **Surveyed:** 5

Conditions: **PCI:** 54

Inspection Comments:

Sample Number: 008 **Type:** R **Area:** 4515.00 SqFt **PCI:** 28

Re-Inspection Report

43	BLOCK CR	H	1860.00	SqFt	Comments:
43	BLOCK CR	L	2332.00	SqFt	Comments:
52	RAVELING	M	120.00	SqFt	Comments:

Sample Number: 015 **Type:** R **Area:** 4515.00 SqFt **PCI:** 59

Re-Inspection Report

41	ALLIGATOR CR	L	140.00	SqFt	Comments:
48	L & T CR	M	75.00	Ft	Comments:
48	L & T CR	L	130.00	Ft	Comments:

Sample Number: 028 **Type:** R **Area:** 4515.00 SqFt **PCI:** 62

Re-Inspection Report

41	ALLIGATOR CR	L	102.00	SqFt	Comments:
48	L & T CR	M	28.00	Ft	Comments:
48	L & T CR	L	234.00	Ft	Comments:

Sample Number: 032 **Type:** R **Area:** 4515.00 SqFt **PCI:** 67

Re-Inspection Report

48	L & T CR	M	113.00	Ft	Comments:
48	L & T CR	L	394.00	Ft	Comments:
52	RAVELING	L	1505.00	SqFt	Comments:

Sample Number: 050 **Type:** R **Area:** 4386.00 SqFt **PCI:** 54

Re-Inspection Report

43	BLOCK CR	L	1330.00	SqFt	Comments:
48	L & T CR	H	40.00	Ft	Comments:
48	L & T CR	M	104.00	Ft	Comments:
48	L & T CR	L	132.00	Ft	Comments:
52	RAVELING	L	1462.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: ATWA **Name:** Taxiway A Warm Up **Use:** APRON **Area:** 22,674 SqFt

Section: 01 of 2 **From:** MAP **To:** MAP **Last Const.:** 1/1/2013

Surface: AAC **Family:** DEFAULT **Zone:** **Category:** **Rank:** T

Area: 20,080 SqFt **Length:** 220 Ft **Width:** 90 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 4 **Surveyed:** 2

Conditions: **PCI:** 78

Inspection Comments:

Sample Number: 002 **Type:** R **Area:** 4750.00 SqFt **PCI:** 83

Re-Inspection Report

57	WEATHERING	L	4750.00	SqFt	Comments:
48	L & T CR	L	188.00	Ft	Comments:

Sample Number: 004 **Type:** R **Area:** 5350.00 SqFt **PCI:** 74

Re-Inspection Report

57	WEATHERING	L	5350.00	SqFt	Comments:
41	ALLIGATOR CR	L	32.00	SqFt	Comments:
48	L & T CR	L	204.00	Ft	Comments:

Network: MYF **Name:** MYF

Branch: ATWA **Name:** Taxiway A Warm Up **Use:** APRON **Area:** 22,674 SqFt

Section: 02 of 2 **From:** MAP **To:** MAP **Last Const.:** 9/1/1996

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** T

Area: 2,594 SqFt **Length:** 100 Ft **Width:** 25 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 2594.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	2594.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: ATWB **Name:** Taxiway B Warm Up **Use:** APRON **Area:** 9,288 SqFt

Section: 01 of 1 **From:** MAP **To:** MAP **Last Const.:** 7/1/1976

Surface: AAC **Family:** DEFAULT **Zone:** **Category:** **Rank:** T

Area: 9,288 SqFt **Length:** 200 Ft **Width:** 45 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 21

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 3184.00 SqFt **PCI:** 33

Re-Inspection Report

52	RAVELING	L	3184.00	SqFt	Comments:
48	L & T CR	H	6.00	Ft	Comments:
48	L & T CR	M	140.00	Ft	Comments:
48	L & T CR	L	18.00	Ft	Comments:
41	ALLIGATOR CR	M	60.00	SqFt	Comments:
41	ALLIGATOR CR	L	96.00	SqFt	Comments:

Sample Number: 002 **Type:** R **Area:** 6104.00 SqFt **PCI:** 15

Re-Inspection Report

48	L & T CR	L	51.00	Ft	Comments:
48	L & T CR	H	41.00	Ft	Comments:
43	BLOCK CR	M	1407.00	SqFt	Comments:
41	ALLIGATOR CR	L	92.00	SqFt	Comments:
52	RAVELING	H	2750.00	SqFt	Comments:
52	RAVELING	L	3354.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: ATWC **Name:** Taxiway C Warm Up **Use:** APRON **Area:** 5,850 SqFt

Section: 01 of 2 **From:** MAP **To:** MAP **Last Const.:** 11/1/2016

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** T

Area: 1,650 SqFt **Length:** 55 Ft **Width:** 30 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 72

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 1650.00 SqFt **PCI:** 72

Re-Inspection Report

57	WEATHERING	M	300.00	SqFt	Comments:
41	ALLIGATOR CR	L	8.00	SqFt	Comments:
57	WEATHERING	L	1350.00	SqFt	Comments:
48	L & T CR	L	5.00	Ft	Comments:

Network: MYF **Name:** MYF

Branch: ATWC **Name:** Taxiway C Warm Up **Use:** APRON **Area:** 5,850 SqFt

Section: 02 of 2 **From:** MAP **To:** MAP **Last Const.:** 7/1/1976

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** T

Area: 4,200 SqFt **Length:** 140 Ft **Width:** 30 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 85

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 4200.00 SqFt **PCI:** 85

Re-Inspection Report

57	WEATHERING	L	4200.00	SqFt	Comments:
41	ALLIGATOR CR	L	8.00	SqFt	Comments:
50	PATCHING	L	6.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: ATWH **Name:** Taxiway H Warm Up **Use:** APRON **Area:** 20,642 SqFt

Section: 01 of 1 **From:** MAP **To:** MAP **Last Const.:** 11/1/2016

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** T

Area: 20,642 SqFt **Length:** 275 Ft **Width:** 75 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 4 **Surveyed:** 2

Conditions: **PCI:** 91

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 5099.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5099.00	SqFt	Comments:

Sample Number: 003 **Type:** R **Area:** 5746.00 SqFt **PCI:** 89

Re-Inspection Report

57	WEATHERING	M	720.00	SqFt	Comments:
57	WEATHERING	L	5026.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: HTW **Name:** Heli Taxiway **Use:** TAXIWAY **Area:** 8,598 SqFt

Section: 01 of 1 **From:** MAP **To:** MAP **Last Const.:** 7/1/1976

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 8,598 SqFt **Length:** 285 Ft **Width:** 30 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 22

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 4602.00 SqFt **PCI:** 6

Re-Inspection Report

50	PATCHING	M	48.00	SqFt	Comments:
57	WEATHERING	M	3988.00	SqFt	Comments:
57	WEATHERING	H	30.00	SqFt	Comments:
41	ALLIGATOR CR	M	240.00	SqFt	Comments:
41	ALLIGATOR CR	H	584.00	SqFt	Comments:
41	ALLIGATOR CR	L	138.00	SqFt	Comments:
48	L & T CR	M	6.00	Ft	Comments:
48	L & T CR	L	21.00	Ft	Comments:

Sample Number: 002 **Type:** R **Area:** 3996.00 SqFt **PCI:** 39

Re-Inspection Report

57	WEATHERING	L	1350.00	SqFt	Comments:
57	WEATHERING	M	2646.00	SqFt	Comments:
41	ALLIGATOR CR	M	175.00	SqFt	Comments:
48	L & T CR	L	112.00	Ft	Comments:
48	L & T CR	M	146.00	Ft	Comments:

Network: MYF **Name:** MYF

Branch: OVER28R **Name:** Overrun RWY 28R **Use:** OVERRUN **Area:** 180,150 SqFt

Section: 01L of 3 **From:** MAP **To:** MAP **Last Const.:** 1/1/2013

Surface: AAC **Family:** DEFAULT **Zone:** **Category:** **Rank:** P

Area: 60,050 SqFt **Length:** 1,200 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 12 **Surveyed:** 3

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 002 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Sample Number: 006 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Sample Number: 010 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: OVER28R **Name:** Overrun RWY 28R **Use:** OVERRUN **Area:** 180,150 SqFt

Section: 01K of 3 **From:** MAP **To:** MAP **Last Const.:** 1/1/2013

Surface: AAC **Family:** DEFAULT **Zone:** **Category:** **Rank:** P

Area: 60,050 SqFt **Length:** 1,200 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 12 **Surveyed:** 3

Conditions: **PCI:** 93

Inspection Comments:

Sample Number: 003 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Sample Number: 007 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Sample Number: 011 **Type:** R **Area:** 5000.00 SqFt **PCI:** 91

Re-Inspection Report

57	WEATHERING	L	4744.00	SqFt	Comments:
57	WEATHERING	M	256.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: OVER28R **Name:** Overrun RWY 28R **Use:** OVERRUN **Area:** 180,150 SqFt

Section: 01R of 3 **From:** MAP **To:** MAP **Last Const.:** 1/1/2013

Surface: AAC **Family:** DEFAULT **Zone:** **Category:** **Rank:** P

Area: 60,050 SqFt **Length:** 1,200 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 12 **Surveyed:** 3

Conditions: **PCI:** 93

Inspection Comments:

Sample Number: 004 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Sample Number: 008 **Type:** R **Area:** 5000.00 SqFt **PCI:** 90

Re-Inspection Report

57	WEATHERING	M	348.00	SqFt	Comments:
57	WEATHERING	L	4652.00	SqFt	Comments:

Sample Number: 012 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: R10L28R **Name:** RWY 10L-28R **Use:** RUNWAY **Area:** 510,150 SqFt

Section: 01L of 9 **From:** MAP **To:** MAP **Last Const.:** 1/1/2013

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** P

Area: 50,000 SqFt **Length:** 1,000 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 10 **Surveyed:** 3

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 002 **Type:** R **Area:** 5000.00 SqFt **PCI:** 93

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:
45	DEPRESSION	L	12.00	SqFt	Comments:

Sample Number: 005 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Sample Number: 008 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: R10L28R **Name:** RWY 10L-28R **Use:** RUNWAY **Area:** 510,150 SqFt

Section: 01K of 9 **From:** MAP **To:** MAP **Last Const.:** 1/1/2013

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** P

Area: 50,000 SqFt **Length:** 1,000 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 10 **Surveyed:** 3

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 003 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Sample Number: 006 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Sample Number: 009 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: R10L28R **Name:** RWY 10L-28R **Use:** RUNWAY **Area:** 510,150 SqFt

Section: 01R of 9 **From:** MAP **To:** MAP **Last Const.:** 1/1/2013

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** P

Area: 50,000 SqFt **Length:** 1,000 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 10 **Surveyed:** 3

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 004 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Sample Number: 007 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Sample Number: 010 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: R10L28R **Name:** RWY 10L-28R **Use:** RUNWAY **Area:** 510,150 SqFt

Section: 02L of 9 **From:** MAP **To:** MAP **Last Const.:** 1/1/2013

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** P

Area: 70,050 SqFt **Length:** 1,400 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 14 **Surveyed:** 3

Conditions: **PCI:** 83

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 5000.00 SqFt **PCI:** 61

Re-Inspection Report

48	L & T CR	L	16.00	Ft	Comments:
57	WEATHERING	L	5000.00	SqFt	Comments:
45	DEPRESSION	H	68.00	SqFt	Comments:
45	DEPRESSION	M	16.00	SqFt	Comments:

Sample Number: 006 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Sample Number: 011 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: R10L28R **Name:** RWY 10L-28R **Use:** RUNWAY **Area:** 510,150 SqFt

Section: 02K of 9 **From:** MAP **To:** MAP **Last Const.:** 1/1/2013

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** P

Area: 70,050 SqFt **Length:** 1,400 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 14 **Surveyed:** 3

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 002 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Sample Number: 007 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Sample Number: 012 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: R10L28R **Name:** RWY 10L-28R **Use:** RUNWAY **Area:** 510,150 SqFt

Section: 02R of 9 **From:** MAP **To:** MAP **Last Const.:** 1/1/2013

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** P

Area: 70,050 SqFt **Length:** 1,400 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 14 **Surveyed:** 3

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 003 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Sample Number: 008 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Sample Number: 013 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: R10L28R **Name:** RWY 10L-28R **Use:** RUNWAY **Area:** 510,150 SqFt

Section: 03L of 9 **From:** MAP **To:** MAP **Last Const.:** 1/1/2013

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** P

Area: 50,000 SqFt **Length:** 1,000 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 10 **Surveyed:** 3

Conditions: **PCI:** 82

Inspection Comments:

Sample Number: 002 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Sample Number: 005 **Type:** R **Area:** 5000.00 SqFt **PCI:** 74

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:
45	DEPRESSION	M	96.00	SqFt	Comments:

Sample Number: 008 **Type:** R **Area:** 5000.00 SqFt **PCI:** 79

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:
45	DEPRESSION	M	52.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: R10L28R **Name:** RWY 10L-28R **Use:** RUNWAY **Area:** 510,150 SqFt

Section: 03K of 9 **From:** MAP **To:** MAP **Last Const.:** 1/1/2013

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** P

Area: 50,000 SqFt **Length:** 1,000 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 10 **Surveyed:** 3

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 003 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Sample Number: 006 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Sample Number: 009 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: R10L28R **Name:** RWY 10L-28R **Use:** RUNWAY **Area:** 510,150 SqFt

Section: 03R of 9 **From:** MAP **To:** MAP **Last Const.:** 1/1/2013

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** P

Area: 50,000 SqFt **Length:** 1,000 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 10 **Surveyed:** 3

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 004 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Sample Number: 007 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Sample Number: 010 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: R10R28L **Name:** RWY 10R-28L **Use:** RUNWAY **Area:** 198,279 SqFt

Section: 01 of 4 **From:** MAP **To:** MAP **Last Const.:** 9/1/1996

Surface: AAC **Family:** DEFAULT **Zone:** **Category:** **Rank:** P

Area: 26,575 SqFt **Length:** 440 Ft **Width:** 60 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 6 **Surveyed:** 3

Conditions: **PCI:** 34

Inspection Comments:

Sample Number: 002 **Type:** R **Area:** 4426.00 SqFt **PCI:** 25

Re-Inspection Report

52	RAVELING	L	4309.00	SqFt	Comments:
52	RAVELING	M	117.00	SqFt	Comments:
48	L & T CR	L	30.00	Ft	Comments:
41	ALLIGATOR CR	M	270.00	SqFt	Comments:
43	BLOCK CR	L	780.00	SqFt	Comments:
48	L & T CR	M	52.00	Ft	Comments:
48	L & T CR	H	21.00	Ft	Comments:

Sample Number: 004 **Type:** R **Area:** 4426.00 SqFt **PCI:** 43

Re-Inspection Report

41	ALLIGATOR CR	L	144.00	SqFt	Comments:
48	L & T CR	H	6.00	Ft	Comments:
48	L & T CR	L	84.00	Ft	Comments:
43	BLOCK CR	L	988.00	SqFt	Comments:
52	RAVELING	L	4426.00	SqFt	Comments:

Sample Number: 006 **Type:** R **Area:** 4426.00 SqFt **PCI:** 35

Re-Inspection Report

52	RAVELING	H	42.00	SqFt	Comments:
52	RAVELING	L	4384.00	SqFt	Comments:
48	L & T CR	H	60.00	Ft	Comments:
48	L & T CR	M	24.00	Ft	Comments:
48	L & T CR	L	41.00	Ft	Comments:
43	BLOCK CR	L	2516.00	SqFt	Comments:
41	ALLIGATOR CR	L	60.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: R10R28L **Name:** RWY 10R-28L **Use:** RUNWAY **Area:** 198,279 SqFt

Section: 02 of 4 **From:** MAP **To:** MAP **Last Const.:** 11/1/2016

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** P

Area: 17,442 SqFt **Length:** 290 Ft **Width:** 60 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 3 **Surveyed:** 2

Conditions: **PCI:** 91

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 6175.00 SqFt **PCI:** 91

Re-Inspection Report

57	WEATHERING	M	300.00	SqFt	Comments:
57	WEATHERING	L	5875.00	SqFt	Comments:

Sample Number: 003 **Type:** R **Area:** 5094.00 SqFt **PCI:** 91

Re-Inspection Report

57	WEATHERING	H	4.00	SqFt	Comments:
57	WEATHERING	L	5090.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: R10R28L **Name:** RWY 10R-28L **Use:** RUNWAY **Area:** 198,279 SqFt

Section: 03 of 4 **From:** MAP **To:** MAP **Last Const.:** 11/1/2016

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** P

Area: 31,852 SqFt **Length:** 530 Ft **Width:** 60 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 7 **Surveyed:** 3

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 002 **Type:** R **Area:** 4538.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	4538.00	SqFt	Comments:

Sample Number: 004 **Type:** R **Area:** 4538.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	4538.00	SqFt	Comments:

Sample Number: 006 **Type:** R **Area:** 4538.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	4538.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: R10R28L **Name:** RWY 10R-28L **Use:** RUNWAY **Area:** 198,279 SqFt

Section: 04 of 4 **From:** MAP **To:** MAP **Last Const.:** 9/1/1996

Surface: AAC **Family:** DEFAULT **Zone:** **Category:** **Rank:** P

Area: 122,410 SqFt **Length:** 2,040 Ft **Width:** 60 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 25 **Surveyed:** 6

Conditions: **PCI:** 53

Inspection Comments:

Sample Number: 003 **Type:** R **Area:** 4896.00 SqFt **PCI:** 53

Re-Inspection Report

41	ALLIGATOR CR	L	120.00	SqFt	Comments:
43	BLOCK CR	L	4896.00	SqFt	Comments:
57	WEATHERING	L	4896.00	SqFt	Comments:

Sample Number: 008 **Type:** R **Area:** 4896.00 SqFt **PCI:** 58

Re-Inspection Report

52	RAVELING	L	978.00	SqFt	Comments:
52	RAVELING	L	978.00	SqFt	Comments:
57	WEATHERING	L	3918.00	SqFt	Comments:
48	L & T CR	L	87.00	Ft	Comments:
48	L & T CR	M	26.00	Ft	Comments:
41	ALLIGATOR CR	L	60.00	SqFt	Comments:

Sample Number: 013 **Type:** R **Area:** 4896.00 SqFt **PCI:** 61

Re-Inspection Report

52	RAVELING	L	4896.00	SqFt	Comments:
56	SWELLING	L	20.00	SqFt	Comments:
41	ALLIGATOR CR	L	140.00	SqFt	Comments:

Sample Number: 016 **Type:** R **Area:** 4896.00 SqFt **PCI:** 44

Re-Inspection Report

43	BLOCK CR	L	4896.00	SqFt	Comments:
52	RAVELING	L	4896.00	SqFt	Comments:
48	L & T CR	H	2.00	Ft	Comments:
48	L & T CR	M	50.00	Ft	Comments:
48	L & T CR	L	82.00	Ft	Comments:

Sample Number: 020 **Type:** R **Area:** 4896.00 SqFt **PCI:** 54

Re-Inspection Report

52	RAVELING	L	4896.00	SqFt	Comments:
43	BLOCK CR	L	4896.00	SqFt	Comments:
48	L & T CR	L	176.00	Ft	Comments:

Sample Number: 024 **Type:** R **Area:** 4896.00 SqFt **PCI:** 47

Re-Inspection Report

57	WEATHERING	M	479.00	SqFt	Comments:
48	L & T CR	L	53.00	Ft	Comments:
52	RAVELING	M	186.00	SqFt	Comments:
43	BLOCK CR	L	3909.00	SqFt	Comments:
52	RAVELING	L	4231.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: R523 **Name:** RWY 5-23 **Use:** RUNWAY **Area:** 240,476 SqFt

Section: 01 of 7 **From:** MAP **To:** MAP **Last Const.:** 11/1/2016

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** P

Area: 90,030 SqFt **Length:** 1,200 Ft **Width:** 75 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 18 **Surveyed:** 4

Conditions: **PCI:** 92

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 4989.00 SqFt **PCI:** 90

Re-Inspection Report

57	WEATHERING	M	271.00	SqFt	Comments:
57	WEATHERING	L	4718.00	SqFt	Comments:

Sample Number: 006 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Sample Number: 011 **Type:** R **Area:** 5000.00 SqFt **PCI:** 89

Re-Inspection Report

57	WEATHERING	M	396.00	SqFt	Comments:
57	WEATHERING	L	4604.00	SqFt	Comments:

Sample Number: 016 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5000.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: R523 **Name:** RWY 5-23 **Use:** RUNWAY **Area:** 240,476 SqFt

Section: 02 of 7 **From:** MAP **To:** MAP **Last Const.:** 1/1/2013

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** P

Area: 34,058 SqFt **Length:** 454 Ft **Width:** 75 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 6 **Surveyed:** 2

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 6040.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	6040.00	SqFt	Comments:

Sample Number: 005 **Type:** R **Area:** 6072.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	6072.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: R523 **Name:** RWY 5-23 **Use:** RUNWAY **Area:** 240,476 SqFt

Section: 03 of 7 **From:** MAP **To:** MAP **Last Const.:** 1/1/2013

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** P

Area: 23,348 SqFt **Length:** 310 Ft **Width:** 75 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 4 **Surveyed:** 1

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 003 **Type:** R **Area:** 6434.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	6434.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: R523 **Name:** RWY 5-23 **Use:** RUNWAY **Area:** 240,476 SqFt

Section: 04 of 7 **From:** MAP **To:** MAP **Last Const.:** 11/1/2016

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** P

Area: 33,364 SqFt **Length:** 440 Ft **Width:** 75 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 7 **Surveyed:** 4

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 4569.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	4569.00	SqFt	Comments:

Sample Number: 003 **Type:** R **Area:** 4537.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	4537.00	SqFt	Comments:

Sample Number: 005 **Type:** R **Area:** 4537.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	4537.00	SqFt	Comments:

Sample Number: 007 **Type:** R **Area:** 6106.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	6106.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: R523 **Name:** RWY 5-23 **Use:** RUNWAY **Area:** 240,476 SqFt

Section: 05 of 7 **From:** MAP **To:** MAP **Last Const.:** 11/1/2016

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** P

Area: 30,455 SqFt **Length:** 400 Ft **Width:** 75 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 6 **Surveyed:** 3

Conditions: **PCI:** 93

Inspection Comments:

Sample Number: 002 **Type:** R **Area:** 5337.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5337.00	SqFt	Comments:

Sample Number: 004 **Type:** R **Area:** 5337.00 SqFt **PCI:** 92

Re-Inspection Report

50	PATCHING	L	24.00	SqFt	Comments:
57	WEATHERING	L	5287.00	SqFt	Comments:

Sample Number: 006 **Type:** R **Area:** 5337.00 SqFt **PCI:** 92

Re-Inspection Report

57	WEATHERING	M	66.00	SqFt	Comments:
57	WEATHERING	L	5271.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: R523 **Name:** RWY 5-23 **Use:** RUNWAY **Area:** 240,476 SqFt

Section: 06 of 7 **From:** MAP **To:** MAP **Last Const.:** 11/1/2016

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** P

Area: 23,635 SqFt **Length:** 315 Ft **Width:** 75 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 5 **Surveyed:** 2

Conditions: **PCI:** 91

Inspection Comments:

Sample Number: 002 **Type:** R **Area:** 4667.00 SqFt **PCI:** 91

Re-Inspection Report

57	WEATHERING	M	208.00	SqFt	Comments:
57	WEATHERING	L	4459.00	SqFt	Comments:

Sample Number: 004 **Type:** R **Area:** 4667.00 SqFt **PCI:** 92

Re-Inspection Report

50	PATCHING	L	12.00	SqFt	Comments:
57	WEATHERING	L	4655.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: R523 **Name:** RWY 5-23 **Use:** RUNWAY **Area:** 240,476 SqFt

Section: 07 of 7 **From:** MAP **To:** MAP **Last Const.:** 11/1/2016

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** P

Area: 5,586 SqFt **Length:** 74 Ft **Width:** 75 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 5586.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5586.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWA **Name:** Taxiway A **Use:** TAXIWAY **Area:** 41,304 SqFt

Section: 01 of 2 **From:** MAP **To:** MAP **Last Const.:** 1/1/2013

Surface: AAC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 12,102 SqFt **Length:** 240 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 3 **Surveyed:** 2

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 4356.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	4356.00	SqFt	Comments:

Sample Number: 003 **Type:** R **Area:** 3864.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	3864.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWA **Name:** Taxiway A **Use:** TAXIWAY **Area:** 41,304 SqFt

Section: 02 of 2 **From:** MAP **To:** MAP **Last Const.:** 9/1/1996

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 29,202 SqFt **Length:** 580 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 6 **Surveyed:** 3

Conditions: **PCI:** 79

Inspection Comments:

Sample Number: 002 **Type:** R **Area:** 4830.00 SqFt **PCI:** 81

Re-Inspection Report

57	WEATHERING	L	4830.00	SqFt	Comments:
48	L & T CR	L	222.00	Ft	Comments:

Sample Number: 004 **Type:** R **Area:** 4863.00 SqFt **PCI:** 75

Re-Inspection Report

57	WEATHERING	M	972.00	SqFt	Comments:
57	WEATHERING	L	3891.00	SqFt	Comments:
41	ALLIGATOR CR	L	12.00	SqFt	Comments:
48	L & T CR	L	147.00	Ft	Comments:

Sample Number: 006 **Type:** R **Area:** 4983.00 SqFt **PCI:** 81

Re-Inspection Report

57	WEATHERING	M	992.00	SqFt	Comments:
57	WEATHERING	L	3991.00	SqFt	Comments:
48	L & T CR	L	58.00	Ft	Comments:

Network: MYF **Name:** MYF

Branch: TWB **Name:** Taxiway B **Use:** TAXIWAY **Area:** 42,538 SqFt

Section: 01 of 4 **From:** MAP **To:** MAP **Last Const.:** 1/1/2013

Surface: AAC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 9,642 SqFt **Length:** 180 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 86

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 5582.00 SqFt **PCI:** 83

Re-Inspection Report

50	PATCHING	M	100.00	SqFt	Comments:
57	WEATHERING	L	5482.00	SqFt	Comments:

Sample Number: 002 **Type:** R **Area:** 4058.00 SqFt **PCI:** 91

Re-Inspection Report

57	WEATHERING	M	158.00	SqFt	Comments:
57	WEATHERING	L	3900.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWB **Name:** Taxiway B **Use:** TAXIWAY **Area:** 42,538 SqFt

Section: 02 of 4 **From:** MAP **To:** MAP **Last Const.:** 7/1/1976

Surface: AAC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 11,358 SqFt **Length:** 220 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 19

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 6372.00 SqFt **PCI:** 8

Re-Inspection Report

52	RAVELING	L	1513.00	SqFt	Comments:
57	WEATHERING	H	4779.00	SqFt	Comments:
41	ALLIGATOR CR	M	60.00	SqFt	Comments:
52	RAVELING	H	80.00	SqFt	Comments:
43	BLOCK CR	M	2660.00	SqFt	Comments:
43	BLOCK CR	H	520.00	SqFt	Comments:

Sample Number: 002 **Type:** R **Area:** 4986.00 SqFt **PCI:** 33

Re-Inspection Report

48	L & T CR	H	119.00	Ft	Comments:
48	L & T CR	L	26.00	Ft	Comments:
41	ALLIGATOR CR	L	1630.00	SqFt	Comments:
57	WEATHERING	L	4986.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWB **Name:** Taxiway B **Use:** TAXIWAY **Area:** 42,538 SqFt

Section: 03 of 4 **From:** MAP **To:** MAP **Last Const.:** 7/1/1976

Surface: AAC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 15,423 SqFt **Length:** 195 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 3 **Surveyed:** 2

Conditions: **PCI:** 60

Inspection Comments:

Sample Number: 002 **Type:** R **Area:** 5129.00 SqFt **PCI:** 61

Re-Inspection Report

48	L & T CR	L	268.00	Ft	Comments:
57	WEATHERING	M	1260.00	SqFt	Comments:
52	RAVELING	L	3869.00	SqFt	Comments:
48	L & T CR	M	54.00	Ft	Comments:

Sample Number: 003 **Type:** R **Area:** 5096.00 SqFt **PCI:** 59

Re-Inspection Report

52	RAVELING	L	5096.00	SqFt	Comments:
48	L & T CR	M	35.00	Ft	Comments:
48	L & T CR	L	124.00	Ft	Comments:
43	BLOCK CR	L	904.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWB **Name:** Taxiway B **Use:** TAXIWAY **Area:** 42,538 SqFt

Section: 04 of 4 **From:** MAP **To:** MAP **Last Const.:** 7/1/1976

Surface: AAC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 6,115 SqFt **Length:** 140 Ft **Width:** 40 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 47

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 6115.00 SqFt **PCI:** 47

Re-Inspection Report

48	L & T CR	L	76.00	Ft	Comments:
48	L & T CR	M	124.00	Ft	Comments:
52	RAVELING	L	1320.00	SqFt	Comments:
57	WEATHERING	H	68.00	SqFt	Comments:
57	WEATHERING	M	1600.00	SqFt	Comments:
57	WEATHERING	L	3127.00	SqFt	Comments:
43	BLOCK CR	L	1584.00	SqFt	Comments:
41	ALLIGATOR CR	L	54.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWC **Name:** Taxiway C **Use:** TAXIWAY **Area:** 92,436 SqFt

Section: 01 of 6 **From:** MAP **To:** MAP **Last Const.:** 11/1/2016

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 9,744 SqFt **Length:** 180 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 2 **Surveyed:** 1

Conditions: **PCI:** 92

Inspection Comments:

Sample Number: 002 **Type:** R **Area:** 5046.00 SqFt **PCI:** 92

Re-Inspection Report

57	WEATHERING	L	5046.00	SqFt	Comments:
48	L & T CR	L	4.00	Ft	Comments:

Network: MYF **Name:** MYF

Branch: TWC **Name:** Taxiway C **Use:** TAXIWAY **Area:** 92,436 SqFt

Section: 02 of 6 **From:** MAP **To:** MAP **Last Const.:** 7/1/1976

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 43,094 SqFt **Length:** 860 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 9 **Surveyed:** 5

Conditions: **PCI:** 83

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 4755.00 SqFt **PCI:** 50

Re-Inspection Report

57	WEATHERING	L	4755.00	SqFt	Comments:
50	PATCHING	L	130.00	SqFt	Comments:
45	DEPRESSION	L	115.00	SqFt	Comments:
45	DEPRESSION	M	336.00	SqFt	Comments:

Sample Number: 003 **Type:** R **Area:** 4775.00 SqFt **PCI:** 89

Re-Inspection Report

57	WEATHERING	L	4775.00	SqFt	Comments:
45	DEPRESSION	L	32.00	SqFt	Comments:

Sample Number: 005 **Type:** R **Area:** 4790.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	4790.00	SqFt	Comments:

Sample Number: 007 **Type:** R **Area:** 4800.00 SqFt **PCI:** 87

Re-Inspection Report

45	DEPRESSION	L	30.00	SqFt	Comments:
57	WEATHERING	L	4800.00	SqFt	Comments:
48	L & T CR	L	5.00	Ft	Comments:

Sample Number: 009 **Type:** R **Area:** 4820.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	4820.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWC **Name:** Taxiway C **Use:** TAXIWAY **Area:** 92,436 SqFt

Section: 03 of 6 **From:** MAP **To:** MAP **Last Const.:** 1/1/2013

Surface: AAC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 10,160 SqFt **Length:** 200 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 92

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 5045.00 SqFt **PCI:** 92

Re-Inspection Report

57	WEATHERING	L	5045.00	SqFt	Comments:
48	L & T CR	L	2.00	Ft	Comments:

Sample Number: 002 **Type:** R **Area:** 5115.00 SqFt **PCI:** 92

Re-Inspection Report

57	WEATHERING	L	5115.00	SqFt	Comments:
50	PATCHING	L	11.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWC **Name:** Taxiway C **Use:** TAXIWAY **Area:** 92,436 SqFt

Section: 04 of 6 **From:** MAP **To:** MAP **Last Const.:** 1/1/2013

Surface: AAC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 9,940 SqFt **Length:** 190 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 87

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 5075.00 SqFt **PCI:** 81

Re-Inspection Report

57	WEATHERING	L	5075.00	SqFt	Comments:
50	PATCHING	L	94.00	SqFt	Comments:
50	PATCHING	M	50.00	SqFt	Comments:

Sample Number: 002 **Type:** R **Area:** 4860.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	4860.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWC **Name:** Taxiway C **Use:** TAXIWAY **Area:** 92,436 SqFt

Section: 05 of 6 **From:** MAP **To:** MAP **Last Const.:** 7/1/1976

Surface: AAC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 11,030 SqFt **Length:** 215 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 37

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 5650.00 SqFt **PCI:** 17

Re-Inspection Report

57	WEATHERING	H	3675.00	SqFt	Comments:
48	L & T CR	L	270.00	Ft	Comments:
50	PATCHING	L	138.00	SqFt	Comments:
48	L & T CR	M	18.00	Ft	Comments:
41	ALLIGATOR CR	M	913.00	SqFt	Comments:
57	WEATHERING	M	1837.00	SqFt	Comments:

Sample Number: 002 **Type:** R **Area:** 5375.00 SqFt **PCI:** 59

Re-Inspection Report

57	WEATHERING	L	4691.00	SqFt	Comments:
52	RAVELING	L	684.00	SqFt	Comments:
48	L & T CR	L	160.00	Ft	Comments:
48	L & T CR	M	4.00	Ft	Comments:
41	ALLIGATOR CR	L	65.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWC **Name:** Taxiway C **Use:** TAXIWAY **Area:** 92,436 SqFt

Section: 06 of 6 **From:** MAP **To:** MAP **Last Const.:** 7/11/1985

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 8,468 SqFt **Length:** 200 Ft **Width:** 40 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 43

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 4112.00 SqFt **PCI:** 36

Re-Inspection Report

48	L & T CR	M	83.00	Ft	Comments:
48	L & T CR	H	9.00	Ft	Comments:
43	BLOCK CR	L	728.00	SqFt	Comments:
52	RAVELING	L	982.00	SqFt	Comments:
57	WEATHERING	L	3130.00	SqFt	Comments:
41	ALLIGATOR CR	L	160.00	SqFt	Comments:
48	L & T CR	L	384.00	Ft	Comments:

Sample Number: 002 **Type:** R **Area:** 4355.00 SqFt **PCI:** 50

Re-Inspection Report

52	RAVELING	L	4355.00	SqFt	Comments:
50	PATCHING	L	38.00	SqFt	Comments:
48	L & T CR	M	6.00	Ft	Comments:
48	L & T CR	L	98.00	Ft	Comments:
41	ALLIGATOR CR	L	148.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWD **Name:** Taxiway D **Use:** TAXIWAY **Area:** 11,820 SqFt

Section: 01 of 1 **From:** MAP **To:** MAP **Last Const.:** 7/11/1969

Surface: AAC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 11,820 SqFt **Length:** 235 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 40

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 5725.00 SqFt **PCI:** 52

Re-Inspection Report

48	L & T CR	L	9.00	Ft	Comments:
48	L & T CR	M	170.00	Ft	Comments:
48	L & T CR	H	18.00	Ft	Comments:
43	BLOCK CR	L	180.00	SqFt	Comments:
43	BLOCK CR	M	396.00	SqFt	Comments:
57	WEATHERING	M	3425.00	SqFt	Comments:
52	RAVELING	L	2300.00	SqFt	Comments:

Sample Number: 002 **Type:** R **Area:** 6094.00 SqFt **PCI:** 29

Re-Inspection Report

48	L & T CR	L	79.00	Ft	Comments:
48	L & T CR	M	35.00	Ft	Comments:
48	L & T CR	H	16.00	Ft	Comments:
43	BLOCK CR	L	975.00	SqFt	Comments:
43	BLOCK CR	M	1848.00	SqFt	Comments:
52	RAVELING	L	3762.00	SqFt	Comments:
57	WEATHERING	M	2332.00	SqFt	Comments:
41	ALLIGATOR CR	M	98.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWE **Name:** Taxiway E **Use:** TAXIWAY **Area:** 16,803 SqFt

Section: 01 of 2 **From:** MAP **To:** MAP **Last Const.:** 1/1/2013

Surface: AAC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 13,575 SqFt **Length:** 265 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 3 **Surveyed:** 1

Conditions: **PCI:** 88

Inspection Comments:

Sample Number: 003 **Type:** R **Area:** 3714.00 SqFt **PCI:** 88

Re-Inspection Report

57	WEATHERING	M	550.00	SqFt	Comments:
57	WEATHERING	L	3164.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWE **Name:** Taxiway E **Use:** TAXIWAY **Area:** 16,803 SqFt

Section: 02 of 2 **From:** MAP **To:** MAP **Last Const.:** 11/1/2016

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 3,228 SqFt **Length:** 60 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 3228.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	3228.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWF **Name:** Taxiway F **Use:** TAXIWAY **Area:** 69,865 SqFt

Section: 01 of 7 **From:** MAP **To:** MAP **Last Const.:** 1/1/2013

Surface: AAC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 9,205 SqFt **Length:** 170 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 4896.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	4896.00	SqFt	Comments:

Sample Number: 002 **Type:** R **Area:** 4308.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	4308.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWF **Name:** Taxiway F **Use:** TAXIWAY **Area:** 69,865 SqFt

Section: 02 of 7 **From:** MAP **To:** MAP **Last Const.:** 2/1/2008

Surface: AAC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 11,362 SqFt **Length:** 225 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 62

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 5628.00 SqFt **PCI:** 71

Re-Inspection Report

45	DEPRESSION	L	30.00	SqFt	Comments:
48	L & T CR	L	158.00	Ft	Comments:
57	WEATHERING	M	5628.00	SqFt	Comments:

Sample Number: 002 **Type:** R **Area:** 5732.00 SqFt **PCI:** 52

Re-Inspection Report

48	L & T CR	M	70.00	Ft	Comments:
48	L & T CR	L	145.00	Ft	Comments:
57	WEATHERING	H	1504.00	SqFt	Comments:
57	WEATHERING	M	4227.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWF **Name:** Taxiway F **Use:** TAXIWAY **Area:** 69,865 SqFt

Section: 03 of 7 **From:** MAP **To:** MAP **Last Const.:** 6/1/2009

Surface: AAC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 8,575 SqFt **Length:** 170 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/19/2017 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 74

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 4340.00 SqFt **PCI:** 79

Re-Inspection Report

57	WEATHERING	L	4340.00	SqFt	Comments:
45	DEPRESSION	L	108.00	SqFt	Comments:
48	L & T CR	L	7.00	Ft	Comments:

Sample Number: 002 **Type:** R **Area:** 4234.00 SqFt **PCI:** 68

Re-Inspection Report

45	DEPRESSION	M	87.00	SqFt	Comments:
57	WEATHERING	H	70.00	SqFt	Comments:
57	WEATHERING	L	4164.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWF **Name:** Taxiway F **Use:** TAXIWAY **Area:** 69,865 SqFt

Section: 04 of 7 **From:** MAP **To:** MAP **Last Const.:** 11/1/2016

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 7,598 SqFt **Length:** 150 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 3775.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	3775.00	SqFt	Comments:

Sample Number: 002 **Type:** R **Area:** 3822.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	3822.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWF **Name:** Taxiway F **Use:** TAXIWAY **Area:** 69,865 SqFt

Section: 05 of 7 **From:** MAP **To:** MAP **Last Const.:** 6/1/2009

Surface: AAC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 19,325 SqFt **Length:** 385 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 4 **Surveyed:** 3

Conditions: **PCI:** 76

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 5003.00 SqFt **PCI:** 71

Re-Inspection Report

57	WEATHERING	L	5003.00	SqFt	Comments:
48	L & T CR	L	7.00	Ft	Comments:
41	ALLIGATOR CR	M	20.00	SqFt	Comments:

Sample Number: 002 **Type:** R **Area:** 4988.00 SqFt **PCI:** 82

Re-Inspection Report

57	WEATHERING	L	3741.00	SqFt	Comments:
48	L & T CR	L	4.00	Ft	Comments:
57	WEATHERING	M	1247.00	SqFt	Comments:

Sample Number: 003 **Type:** R **Area:** 4388.00 SqFt **PCI:** 74

Re-Inspection Report

48	L & T CR	L	2.00	Ft	Comments:
57	WEATHERING	M	40.00	SqFt	Comments:
57	WEATHERING	L	4348.00	SqFt	Comments:
41	ALLIGATOR CR	L	28.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWF **Name:** Taxiway F **Use:** TAXIWAY **Area:** 69,865 SqFt

Section: 06 of 7 **From:** MAP **To:** MAP **Last Const.:** 11/1/2016

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 10,220 SqFt **Length:** 200 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 93

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 5396.00 SqFt **PCI:** 92

Re-Inspection Report

57	WEATHERING	L	5396.00	SqFt	Comments:
50	PATCHING	L	12.00	SqFt	Comments:

Sample Number: 002 **Type:** R **Area:** 4824.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	4824.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWF **Name:** Taxiway F **Use:** TAXIWAY **Area:** 69,865 SqFt

Section: 07 of 7 **From:** MAP **To:** MAP **Last Const.:** 11/1/2016

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 3,580 SqFt **Length:** 50 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 3580.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	3580.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWG **Name:** Taxiway G **Use:** TAXIWAY **Area:** 97,845 SqFt

Section: 01 of 4 **From:** MAP **To:** MAP **Last Const.:** 11/1/2016

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 5,040 SqFt **Length:** 100 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 87

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 5040.00 SqFt **PCI:** 87

Re-Inspection Report

57	WEATHERING	M	825.00	SqFt	Comments:
57	WEATHERING	L	4215.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWG **Name:** Taxiway G **Use:** TAXIWAY **Area:** 97,845 SqFt

Section: 02 of 4 **From:** MAP **To:** MAP **Last Const.:** 11/1/2016

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 36,735 SqFt **Length:** 730 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 8 **Surveyed:** 3

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 002 **Type:** R **Area:** 4592.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	4592.00	SqFt	Comments:

Sample Number: 005 **Type:** R **Area:** 4586.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	4586.00	SqFt	Comments:

Sample Number: 008 **Type:** R **Area:** 4565.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	4565.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWG **Name:** Taxiway G **Use:** TAXIWAY **Area:** 97,845 SqFt

Section: 03 of 4 **From:** MAP **To:** MAP **Last Const.:** 11/1/2016

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 8,645 SqFt **Length:** 170 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 4330.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	4330.00	SqFt	Comments:

Sample Number: 002 **Type:** R **Area:** 4315.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	4315.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWG **Name:** Taxiway G **Use:** TAXIWAY **Area:** 97,845 SqFt

Section: 04 of 4 **From:** MAP **To:** MAP **Last Const.:** 11/1/2016

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 47,425 SqFt **Length:** 900 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 10 **Surveyed:** 3

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 003 **Type:** R **Area:** 4596.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	4596.00	SqFt	Comments:

Sample Number: 006 **Type:** R **Area:** 4552.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	4552.00	SqFt	Comments:

Sample Number: 009 **Type:** R **Area:** 5926.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5926.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWG1 **Name:** Taxiway G1 **Use:** TAXIWAY **Area:** 12,254 SqFt

Section: 02 of 2 **From:** MAP **To:** MAP **Last Const.:** 11/1/2016

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 6,142 SqFt **Length:** 115 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 6142.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	6142.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWG1 **Name:** Taxiway G1 **Use:** TAXIWAY **Area:** 12,254 SqFt

Section: 01 of 2 **From:** MAP **To:** MAP **Last Const.:** 11/1/2016

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 6,112 SqFt **Length:** 115 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 6112.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	6112.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWH **Name:** Taxiway H **Use:** TAXIWAY **Area:** 182,427 SqFt

Section: 04 of 5 **From:** MAP **To:** MAP **Last Const.:** 7/1/1976

Surface: AAC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 38,998 SqFt **Length:** 965 Ft **Width:** 40 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 9 **Surveyed:** 2

Conditions: **PCI:** 48

Inspection Comments:

Sample Number: 002 **Type:** R **Area:** 4606.00 SqFt **PCI:** 51

Re-Inspection Report

48	L & T CR	M	26.00	Ft	Comments:
48	L & T CR	L	86.00	Ft	Comments:
52	RAVELING	L	896.00	SqFt	Comments:
57	WEATHERING	L	3710.00	SqFt	Comments:
43	BLOCK CR	L	2464.00	SqFt	Comments:

Sample Number: 009 **Type:** R **Area:** 4847.00 SqFt **PCI:** 46

Re-Inspection Report

41	ALLIGATOR CR	L	198.00	SqFt	Comments:
48	L & T CR	L	357.00	Ft	Comments:
48	L & T CR	M	96.00	Ft	Comments:
57	WEATHERING	M	1655.00	SqFt	Comments:
52	RAVELING	L	3192.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWH **Name:** Taxiway H **Use:** TAXIWAY **Area:** 182,427 SqFt

Section: 05 of 5 **From:** MAP **To:** MAP **Last Const.:** 9/1/1996

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 50,000 SqFt **Length:** 1,000 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 9 **Surveyed:** 1

Conditions: **PCI:** 64

Inspection Comments:

Sample Number: 008 **Type:** R **Area:** 5892.00 SqFt **PCI:** 64

Re-Inspection Report

41	ALLIGATOR CR	M	40.00	SqFt	Comments:
48	L & T CR	L	64.00	Ft	Comments:
57	WEATHERING	M	5892.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWH **Name:** Taxiway H **Use:** TAXIWAY **Area:** 182,427 SqFt

Section: 01 of 5 **From:** MAP **To:** MAP **Last Const.:** 11/1/2016

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 17,946 SqFt **Length:** 445 Ft **Width:** 40 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 4 **Surveyed:** 2

Conditions: **PCI:** 90

Inspection Comments:

Sample Number: 002 **Type:** R **Area:** 3944.00 SqFt **PCI:** 86

Re-Inspection Report

57	WEATHERING	M	890.00	SqFt	Comments:
57	WEATHERING	L	3054.00	SqFt	Comments:

Sample Number: 004 **Type:** R **Area:** 5090.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	5090.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWH **Name:** Taxiway H **Use:** TAXIWAY **Area:** 182,427 SqFt

Section: 02 of 5 **From:** MAP **To:** MAP **Last Const.:** 11/1/2016

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 17,908 SqFt **Length:** 425 Ft **Width:** 40 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 4 **Surveyed:** 2

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 002 **Type:** R **Area:** 3892.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	3892.00	SqFt	Comments:

Sample Number: 004 **Type:** R **Area:** 4210.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	4210.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWH **Name:** Taxiway H **Use:** TAXIWAY **Area:** 182,427 SqFt

Section: 03 of 5 **From:** MAP **To:** MAP **Last Const.:** 7/1/1976

Surface: AAC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 57,575 SqFt **Length:** 1,430 Ft **Width:** 40 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 13 **Surveyed:** 3

Conditions: **PCI:** 47

Inspection Comments:

Sample Number: 005 **Type:** R **Area:** 4643.00 SqFt **PCI:** 45

Re-Inspection Report

41	ALLIGATOR CR	L	239.00	SqFt	Comments:
48	L & T CR	M	112.00	Ft	Comments:
48	L & T CR	L	307.00	Ft	Comments:
57	WEATHERING	L	1507.00	SqFt	Comments:
52	RAVELING	L	3136.00	SqFt	Comments:

Sample Number: 007 **Type:** A **Area:** 4635.00 SqFt **PCI:** 39

Re-Inspection Report

56	SWELLING	L	320.00	SqFt	Comments:
43	BLOCK CR	M	66.00	SqFt	Comments:
41	ALLIGATOR CR	L	137.00	SqFt	Comments:
48	L & T CR	L	183.00	Ft	Comments:
48	L & T CR	M	84.00	Ft	Comments:
57	WEATHERING	L	114.00	SqFt	Comments:
57	WEATHERING	M	765.00	SqFt	Comments:
52	RAVELING	L	3756.00	SqFt	Comments:

Sample Number: 011 **Type:** R **Area:** 4619.00 SqFt **PCI:** 51

Re-Inspection Report

48	L & T CR	L	146.00	Ft	Comments:
48	L & T CR	H	13.00	Ft	Comments:
52	RAVELING	L	1568.00	SqFt	Comments:
57	WEATHERING	L	3051.00	SqFt	Comments:
41	ALLIGATOR CR	L	118.00	SqFt	Comments:
48	L & T CR	L	8.00	Ft	Comments:

Network: MYF **Name:** MYF

Branch: TWJ **Name:** Taxiway J **Use:** TAXIWAY **Area:** 7,671 SqFt

Section: 01 of 1 **From:** MAP **To:** MAP **Last Const.:** 7/1/1976

Surface: AAC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 7,671 SqFt **Length:** 185 Ft **Width:** 40 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 49

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 3790.00 SqFt **PCI:** 54

Re-Inspection Report

48	L & T CR	H	17.00	Ft	Comments:
48	L & T CR	M	31.00	Ft	Comments:
43	BLOCK CR	L	1255.00	SqFt	Comments:
48	L & T CR	L	34.00	Ft	Comments:
57	WEATHERING	M	1440.00	SqFt	Comments:
52	RAVELING	L	2350.00	SqFt	Comments:

Sample Number: 002 **Type:** R **Area:** 3880.00 SqFt **PCI:** 45

Re-Inspection Report

52	RAVELING	L	3880.00	SqFt	Comments:
48	L & T CR	L	60.00	Ft	Comments:
43	BLOCK CR	L	1510.00	SqFt	Comments:
43	BLOCK CR	M	750.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWK **Name:** Taxiway K **Use:** TAXIWAY **Area:** 102,350 SqFt

Section: 01 of 1 **From:** MAP **To:** MAP **Last Const.:** 7/1/1976

Surface: AAC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 102,350 SqFt **Length:** 1,150 Ft **Width:** 85 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 20 **Surveyed:** 4

Conditions: **PCI:** 57

Inspection Comments:

Sample Number: 004 **Type:** R **Area:** 5242.00 SqFt **PCI:** 59

Re-Inspection Report

43	BLOCK CR	L	3494.00	SqFt	Comments:
57	WEATHERING	L	4858.00	SqFt	Comments:
52	RAVELING	L	384.00	SqFt	Comments:

Sample Number: 010 **Type:** R **Area:** 5422.00 SqFt **PCI:** 47

Re-Inspection Report

57	WEATHERING	L	4842.00	SqFt	Comments:
52	RAVELING	L	580.00	SqFt	Comments:
48	L & T CR	M	59.00	Ft	Comments:
43	BLOCK CR	L	690.00	SqFt	Comments:
43	BLOCK CR	M	1479.00	SqFt	Comments:

Sample Number: 014 **Type:** R **Area:** 5162.00 SqFt **PCI:** 64

Re-Inspection Report

57	WEATHERING	L	5162.00	SqFt	Comments:
43	BLOCK CR	L	3440.00	SqFt	Comments:

Sample Number: 020 **Type:** R **Area:** 5136.00 SqFt **PCI:** 58

Re-Inspection Report

52	RAVELING	L	520.00	SqFt	Comments:
57	WEATHERING	L	4616.00	SqFt	Comments:
43	BLOCK CR	M	542.00	SqFt	Comments:
43	BLOCK CR	L	336.00	SqFt	Comments:
48	L & T CR	L	34.00	Ft	Comments:

Network: MYF **Name:** MYF

Branch: TWL **Name:** Taxiway L **Use:** TAXIWAY **Area:** 6,137 SqFt

Section: 01 of 1 **From:** MAP **To:** MAP **Last Const.:** 11/1/2016

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 6,137 SqFt **Length:** 100 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 11/9/2017 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 6137.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	6137.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWM **Name:** Taxiway M **Use:** TAXIWAY **Area:** 27,714 SqFt

Section: 01 of 2 **From:** MAP **To:** MAP **Last Const.:** 1/1/2013

Surface: AAC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 14,304 SqFt **Length:** 264 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 3 **Surveyed:** 2

Conditions: **PCI:** 91

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 5207.00 SqFt **PCI:** 89

Re-Inspection Report

50	PATCHING	L	87.00	SqFt	Comments:
57	WEATHERING	L	5120.00	SqFt	Comments:

Sample Number: 003 **Type:** R **Area:** 4530.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	4530.00	SqFt	Comments:

Network: MYF **Name:** MYF

Branch: TWM **Name:** Taxiway M **Use:** TAXIWAY **Area:** 27,714 SqFt

Section: 02 of 2 **From:** MAP **To:** MAP **Last Const.:** 11/1/2016

Surface: AC **Family:** DEFAULT **Zone:** **Category:** **Rank:** S

Area: 13,410 SqFt **Length:** 250 Ft **Width:** 50 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** **Grade:** 0 **Lanes:** 0

Section Comments:

Last Insp. Date: 8/18/2017 **TotalSamples:** 3 **Surveyed:** 2

Conditions: **PCI:** 93

Inspection Comments:

Sample Number: 001 **Type:** R **Area:** 4236.00 SqFt **PCI:** 92

Re-Inspection Report

57	WEATHERING	M	102.00	SqFt	Comments:
57	WEATHERING	L	4134.00	SqFt	Comments:

Sample Number: 003 **Type:** R **Area:** 4976.00 SqFt **PCI:** 94

Re-Inspection Report

57	WEATHERING	L	4976.00	SqFt	Comments:

Appendix E Heavy Weight Deflectometer Testing Plan and Location

Dynatest®

HWD Testing at Montgomery-Gibbs Executive and Brow Field Airports in San Diego County, CA

Montgomery-Gibbs Executive Airport	
Montgomery-Gibbs Executive Airport Operations	**Catherine Johnson** **Phone: 760-443-6523** **Albert Bejarano** **Phone: 915-820-2408**
Brown Field Airport	**Joe Hughey** **Mobile: 619-992-1031**
Atkins	**Katie Chou, Ph.D., P.E.** **Sr. Project Manager, Aviation Sector** **310.893.2048**
Dynatest Consulting, Inc.	**Jose Juarez (HWD Operator)** **Cell: 661 733-3729** **Dave McLean (HWD Operator)** **Cell: 805 890-6661** **Alvaro Ulloa, PhD, PE** **Cell:775.240.1315**
Dynatest Project Number	108B17
Project Location	San Diego County
Mobilization Date	07/17/2017
Testing Dates	Montgomery-Gibbs Executive Airport: 07/18/2017 – 07/19/2017 Brown Field Airport: 07/20/2017
Meeting Location and Time	1) **Montgomery-Gibbs Executive:** Airport Operations (3750 John J. Montgomery Dr., San Diego, CA 92123) 8:45 pm on July 18th, 2017 2) **Brown Field Airport:** 1424 Continental Street, San Diego, CA 92154 8:30pm on July 20th, 2017
Testing Schedule	3) **Montgomery-Gibbs Executive:** 9pm to 5am 4) **Brown Field Airport:** 9pm to 6am

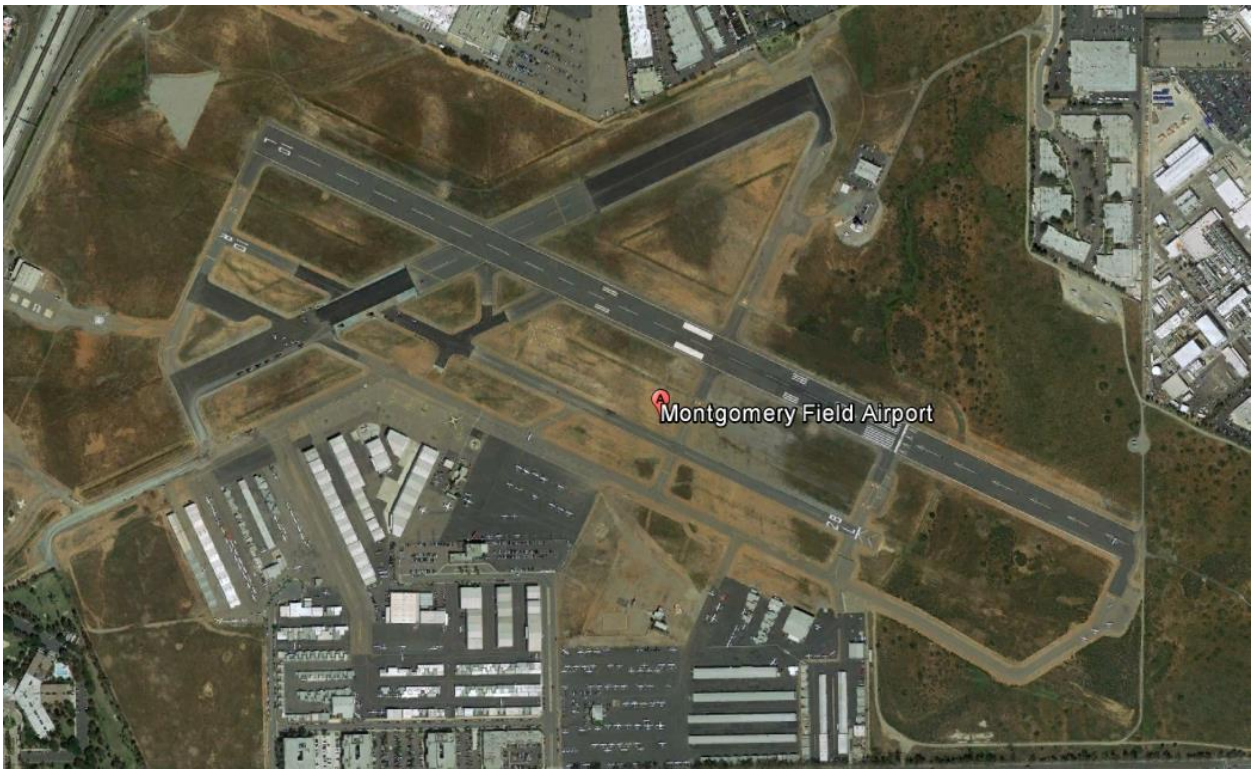
Dynatest®

1) Montgomery-Gibbs Executive Airport

Testing Location

Feature	Length (ft.)	Number of HWD Test Lines	Offset (ft.)	HWD Testing Intervals	Number of HWD Test Points	Testing Date
Montgomery Field Airport						
Runway 10L-28R	4,600	2	10	200	46	07/18/17
Runway 10R-28L	3,400	2	10	200	34	07/18/17
Runway 5-23	3,400	2	10	200	34	07/18/17
Taxiway A	606	2	10	100	12	07/18/17
Taxiway B	390	2	10	50	16	07/18/17
Taxiway C	2,038	2	10	200	20	07/18/17
Taxiway D	265	2	10	50	11	07/19/17
Taxiway E	250	2	10	50	10	07/18/17
Taxiway F	1,523	2	10	200	15	07/18/17
Taxiway G	1,938	2	10	200	19	07/18/17
Taxiway G1	270	2	10	50	11	07/19/17
Taxiway M	690	2	10	100	14	07/19/17
Taxiway H	4,335	2	10	200	43	07/19/17
Taxiway K	1,135	2	10	100	23	07/19/17
Taxiway L	1,017	2	10	100	20	07/19/17
Taxiway J	203	2	10	50	8	07/19/17
Subtotal Number of HWD Test Points					**336**	

1) File names: RWY10L28R_R1, RWY10L28R_L1
2) File names: RWY10R28L_R1, RWY10R28L_L1
3) File names: RWY5-23_R1, RWY5-23_L1
4) File names: TWYA_R1, TWYA_L1
5) File names: TWYB_R1, TWYB _L1
6) File names: TWYC_R1, TWYC _L1
7) File names: TWYD_R1, TWYD _L1
8) File names: TWYE_R1, TWYE _L1
9) File names: TWYF_R1, TWYF _L1
10) File names: TWYG_R1, TWYG _L1
11) File names: TWYG1_R1, TWYG1 _L1
12) File names: TWYM_R1, TWYM_L1
13) File names: TWYH_R1, TWYH_L1
14) File names: TWYK_R1, TWYK_L1
15) File names: TWYL_R1, TWYL_L1
16) File names: TWYJ_R1, TWYJ_L1



a) **Aerial View of Montgomery-Gibbs Executive Airport**

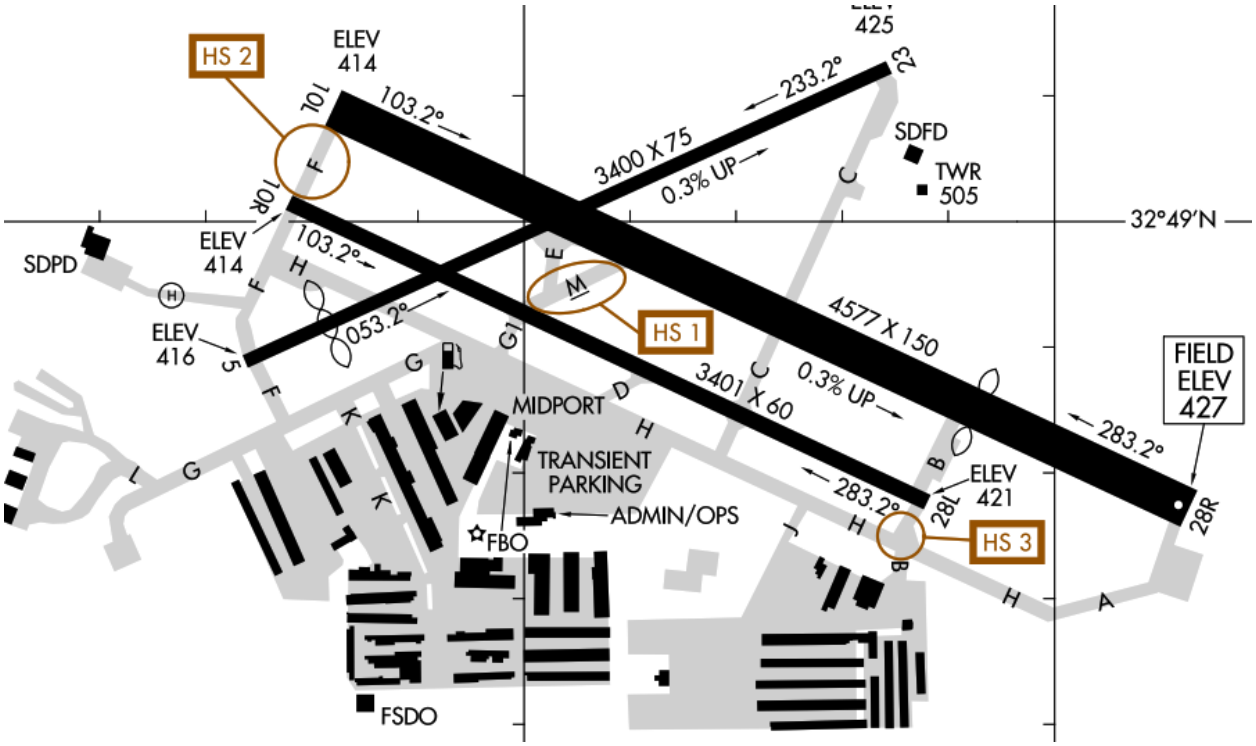


Figure 1. Features Location at Montgomery-Gibbs Executive Airport

Appendix F Pavement Coring Data

SCST, Inc.
Corporate Headquarters
6280 Riverdale Street
San Diego, CA 92120
P 619.280.4321
T 877.215.4321
F 619.280.4717
W www.scst.com

SDVOSB . DVBE

October 23, 2017 **SCST Project No. 170120P3**

Mr. Michael Hotaling
Aviation Practice Leader
C&S Engineers, Inc.
2020 Camino del Rio N., Suite 1000
San Diego, CA 92108

Subject: CORING ASSESSMENT
MASTERPLAN FOR MONTGOMERY-GIBBS AND BROWN AIRFIELDS
SAN DIEGO, CALIFORNIA

Dear Mr. Hotaling:

In accordance with your request, SCST, Inc. provided a geotechnical assessment of the pavement for the subject project (Figures 1 and 2). Our scope of work included a field investigation to assess the thickness of the asphalt concrete pavement section. We performed five cores of the pavement section at each of the two airfields (Figures 2 and 4). The cores were photodocumented (attached) and transported to our geotechnical laboratory to hold. The cores were patched with high strength rapid set concrete. The underlying subgrade was not sampled and laboratory testing was not performed.

We appreciate the opportunity to provide services on this project. If you have any questions or if we may be of further service, please contact our office at 619-280-4321.

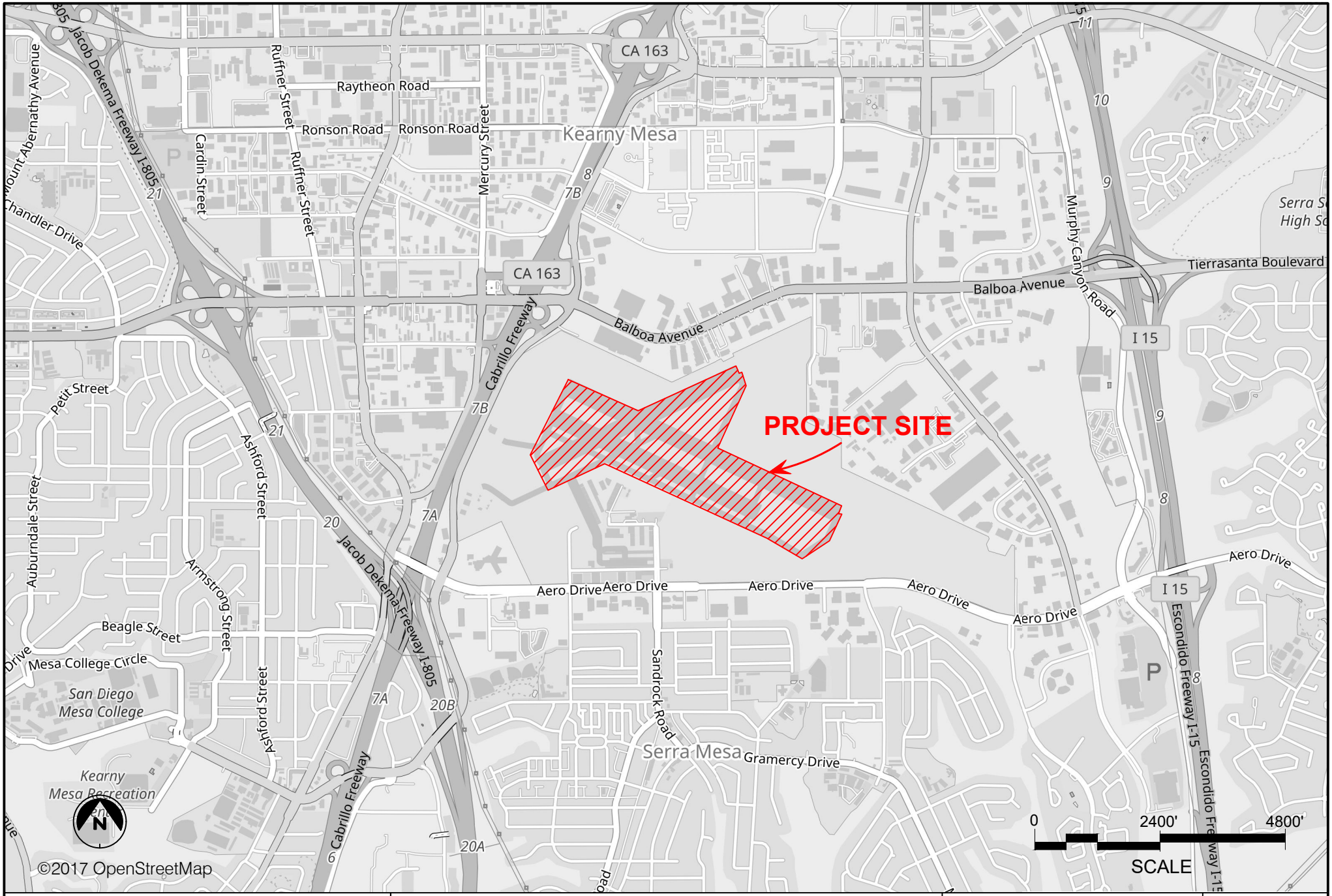
Respectfully Submitted,
SCST, INC.

Emil Rudolph, PE, GE
Principal Engineer

ER:

Attachments: Figures 1 & 3 – Site Vicinity Maps
Figures 2 & 4 – Core Location Map
Core Photographs and Core Data

(1) Addressee via e-mail: mhotaling@cscos.com
(1) Mr. Ralph Redman via e-mail: rredman@cscos.com
(1) Ms. Katie Chow via e-mail: Katie.Chou@atkinsglobal.com



SCST, Inc.

SITE VICINITY MAP
Airport Master Plan for Montgomery-Gibbs Airport
San Diego, California

Date: October, 2017
By: MAW/DTC
Job No.: 170120P3-1

Figure:
1

SCST LEGEND:

C-5 Approximate Location of Coring

SCST, Inc.

CORE LOCATION MAP

Airport Master Plan for Montgomery-Gibbs Airport
San Diego, California

Date: October, 2017
By: MAW/DTC
Job No.: 170120P3-1

Figure: 2

Field Report

SCST Inc. - San Diego
LEA: 47, Exp: 04/25/2021
6280 Riverdale Street
San Diego, CA 92120
Phone: (619) 280-4321
Fax: (619) 280-4717

Client:
C&S Companies
2020 Camino Del Rio North, Suite 1000
San Diego, CA 92108

Project:
170120P3
City of SD, Montgomery & Brown Field Master Planning GI - C&S
1424 Continental St. San Diego, CA 92154

Technician: Uhde, Vince
Certification: EIT
Date: 08/16/2017

Authority Having Jurisdiction: Other
Other Jurisdiction: FAA

Permit Number: N/A

Architect: N/A
Engineer: C&S, ATKINS GLOBAL
Contractor: SCST, INC.

Start Time 20:00
End Time: 04:00
Time (Hours): 8.00

Location Details: MONTGOMERY FIELD, CITY OF SAN DIEGO, CA.

Service Being Performed: Technician Services
Type of Inspection: Other
Other Type of Inspection: PAVEMENT INVESTIGATION

Material Classification: ASPHALT CONCRETE

Details: CORE THROUGH EXISTING PAVEMENTS AT LOCATIONS: RWY-23, RW-28L (X2), TWY-HOTEL (X2)

Caption: SUMMARY REPORT ATTACHED.

See Daily_Report_MYF_VAU.pdf in the documents section at the end of this report.

Status of Work Element: Work Element Inspection Completed, In Accordance with Approved Documents.

Discrepancy: No

cc: Project Architect; Structural Engineer; Project Inspector; DSA Regional Office (If Applicable);

DAILY REPORT OF FIELD OPERATIONSM: MONTGOMERY FIELD PAVEMENT GI

DATE OF WORK: **8/16/2017**

STAFF: **Vincent A. Uhde, SCST and Albert Berjarano, City of San Diego (escort)**

TOOLS: 6" Coring Machine, generator and flood lights

Description of work: Core through existing flexible asphalt concrete pavement at approved locations to assess total pavement thickness.

Location	**Total AC Thickness (inches)**	**Notes**
C-1	2¾	
C-2	3	
C-3	4½	
C-4	3¼	
C-5	6½	

SCST, Inc
Montgomery Field
Job No.: 170120P3
San Diego, CA

Core No.:

C-1

SCST, Inc
Montgomery Field
Job No.: 170120P3
San Diego, CA

Core No.:

C-2

SCST, Inc
Montgomery Field
Job No.: 170120P3
San Diego, CA

Core No.:

C-3

SCST, Inc
Montgomery Field
Job No.: 170120P3
San Diego, CA

Core No.:

C-4


SCST, Inc
Montgomery Field
Job No.: 170120P3
San Diego, CA
Core No.:
C-5
9"
8"
7"
6"
5"
4"
3"
2"
1"
0"

Appendix G PCN Calculation Output

MYF_28R_CDF 01550_PCN 48

This file name = PCN Results Flexible 5-22-2018 17;17;21.txt
Library file name = C:\Program Files (x86)\COMFAA 30\MYF Traffic_1_28R Recal.Ext
Units = English

Evaluation pavement type is flexible and design procedure is CBR.
Alpha Values are those approved by the ICAO in 2007.

CBR = 7.70 (Subgrade Category is C(6))
Evaluation pavement thickness = 21.90 in
Pass to Traffic Cycle (PtoTC) Ratio = 0.17 (non-standard)
Maximum number of wheels per gear = 2
Maximum number of gears per aircraft = 2

No aircraft have 4 or more wheels per gear. The FAA recommends a reference section assuming 3 inches of HMA and 6 inches of crushed aggregate for equivalent thickness calculations.

Results Table 1. Input Traffic Data

No.	Aircraft Name	Gross Weight	Percent Gross Wt	Tire Press	Annual Deps	20-yr Coverages	6D Thick
1	Single Wheel 5	5,950	100.00	45.0	610	278	5.15
2	Learjet-35A/65A	18,000	95.00	171.0	255	99	5.33
3	Citation-V	16,300	95.00	130.0	63	19	4.64
4	Citation-V	16,630	95.00	130.0	63	19	4.69
5	Citation-550B	14,800	95.00	130.0	306	89	5.94
6	Citation-525	11,850	95.00	98.0	542	163	5.67
7	Single Wheel 2	2,450	100.00	30.0	5,062	1,813	3.40
8	Bonanza-F-36	3,650	95.00	40.0	26,167	6,838	3.61
9	Baron-E-55	5,100	95.00	56.0	9,861	2,575	4.45
10	Single Wheel 12.5	12,500	95.00	50.0	1,561	673	6.05
11	EC130 Eurocopter	5,351	100.00	45.0	502	217	4.73
12	C-130	165,000	95.00	105.0	502	761	18.77
13	Single Wheel 10	11,200	100.00	50.0	303	179	7.08
14	Single Wheel 2.5	2,500	100.00	30.0	402	145	2.58
15	Single Wheel 5	5,732	100.00	45.0	628	281	5.06
16	Single Wheel 2.4	2,440	100.00	30.0	746	267	2.77

17	Single Wheel 2.2	2,200	100.00	30.0	3,931	1,335	3.13

Results Table 2. PCN Values

No.	Aircraft Name	Critical Aircraft Total Equiv. Covs.	Thickness for Total Equiv. Covs.	Maximum Allowable Gross Weight	ACN Thick at Max. Allowable Gross Weight	CDF	PCN on C(6)
1	Single Wheel 5	>5,000,000	14.39	13,790	13.45	0.0000	8.7
2	Learjet-35A/65A	>5,000,000	14.32	38,555	16.06	0.0000	12.4
3	Citation-V	>5,000,000	20.42	18,746	12.58	0.0000	7.6
4	Citation-V	>5,000,000	20.63	18,746	12.58	0.0000	7.6
5	Citation-550B	>5,000,000	19.46	18,746	12.58	0.0000	7.6
6	Citation-525	>5,000,000	17.01	19,653	12.63	0.0000	7.7
7	Single Wheel 2	>5,000,000	7.78	19,417	13.94	0.0000	9.4
8	Bonanza-F-36	>5,000,000	7.42	31,797	13.70	0.0000	9.0
9	Baron-E-55	>5,000,000	9.88	25,065	13.32	0.0000	8.5
10	Single Wheel 12.5	>5,000,000	15.27	25,719	13.08	0.0000	8.2
11	EC130 Eurocopter	>5,000,000	13.64	13,790	13.45	0.0000	8.7
12	C-130	761	18.77	216,759	31.54	0.1550	48.0
13	Single Wheel 10	>5,000,000	20.97	12,217	13.08	0.0000	8.2
14	Single Wheel 2.5	>5,000,000	7.86	19,417	13.94	0.0000	9.4
15	Single Wheel 5	>5,000,000	14.12	13,790	13.45	0.0000	8.7
16	Single Wheel 2.4	>5,000,000	7.76	19,417	13.94	0.0000	9.4
17	Single Wheel 2.2	>5,000,000	7.37	19,417	13.94	0.0000	9.4
					Total CDF =	0.1550	

Results Table 3. Flexible ACN at Indicated Gross Weight and Strength

No.	Aircraft Name	Gross Weight	% GW on Main Gear	Tire Pressure	ACN Thick	ACN on C(6)
1	Single Wheel 5	5,950	100.00	45.0	8.84	3.8
2	Learjet-35A/65A	18,000	95.00	171.0	10.15	5.0
3	Citation-V	16,300	95.00	130.0	11.73	6.6
4	Citation-V	16,630	95.00	130.0	11.85	6.8
5	Citation-550B	14,800	95.00	130.0	11.18	6.0
6	Citation-525	11,850	95.00	98.0	9.81	4.6

7	Single Wheel 2	2,450	100.00	30.0	4.95	1.2
8	Bonanza-F-36	3,650	95.00	40.0	4.64	1.0
9	Baron-E-55	5,100	95.00	56.0	6.01	1.7
10	Single Wheel 12.5	12,500	95.00	50.0	9.12	4.0
11	EC130 Eurocopter	5,351	100.00	45.0	8.38	3.4
12	C-130	165,000	95.00	105.0	26.87	34.8
13	Single Wheel 10	11,200	100.00	50.0	12.52	7.6
14	Single Wheel 2.5	2,500	100.00	30.0	5.00	1.2
15	Single Wheel 5	5,732	100.00	45.0	8.67	3.6
16	Single Wheel 2.4	2,440	100.00	30.0	4.94	1.2
17	Single Wheel 2.2	2,200	100.00	30.0	4.69	1.1

Results Table 4. Summary Output for Copy and Paste Into the Support Spread Sheet

```
Num,Plane,GWin,ACNin,ADout,6Dt,COV20yr,COVtoF,CDFt,GWcdf,PCNcdf,EVALt,SUBcode,KorCBR,PtoTC,FlexOrRig
1,Single Wheel 5,5950.000,3.8,104,5.15,2.77550E+002,1.01423E+304,14.39,13789.884,8.7,21.9,C,7.70,0.17,F
2,Learjet-35A/65A,18000.000,5.0,43,5.33,9.93428E+001,1.01423E+304,14.32,38554.953,12.4,21.9,C,7.70,0.17,F
3,Citation-V,16300.000,6.6,11,4.64,1.92884E+001,1.01423E+304,20.42,18745.650,7.6,21.9,C,7.70,0.17,F
4,Citation-V,16630.000,6.8,11,4.69,1.94818E+001,1.01423E+304,20.63,18745.645,7.6,21.9,C,7.70,0.17,F
5,Citation-550B,14800.000,6.0,52,5.94,8.92890E+001,1.01423E+304,19.46,18745.562,7.6,21.9,C,7.70,0.17,F
6,Citation-525,11850.000,4.6,92,5.67,1.62971E+002,3.13862E+237,17.01,19652.507,7.7,21.9,C,7.70,0.17,F
7,Single Wheel 2,2450.000,1.2,861,3.40,1.81337E+003,1.01423E+304,7.78,19417.053,9.4,21.9,C,7.70,0.17,F
8,Bonanza-F-36,3650.000,1.0,4448,3.61,6.83840E+003,1.01423E+304,7.42,31796.925,9.0,21.9,C,7.70,0.17,F
9,Baron-E-55,5100.000,1.7,1676,4.45,2.57453E+003,1.01423E+304,9.88,25064.892,8.5,21.9,C,7.70,0.17,F
10,Single Wheel 12.5,12500.000,4.0,265,6.05,6.73422E+002,1.01423E+304,15.27,25719.018,8.2,21.9,C,7.70,0.17,F
11,EC130 Eurocopter,5351.000,3.4,85,4.73,2.16711E+002,1.01423E+304,13.64,13789.851,8.7,21.9,C,7.70,0.17,F
12,C-130,165000.000,34.8,85,18.77,7.60944E+002,4.90940E+003,18.77,216758.975,48.0,21.9,C,7.70,0.17,F
13,Single Wheel 10,11200.000,7.6,52,7.08,1.78857E+002,1.01423E+304,20.97,12216.553,8.2,21.9,C,7.70,0.17,F
14,Single Wheel 2.5,2500.000,1.2,68,2.58,1.45463E+002,1.01423E+304,7.86,19417.053,9.4,21.9,C,7.70,0.17,F
15,Single Wheel 5,5732.000,3.6,107,5.06,2.80505E+002,1.01423E+304,14.12,13789.876,8.7,21.9,C,7.70,0.17,F
16,Single Wheel 2.4,2440.000,1.2,127,2.77,2.66699E+002,1.01423E+304,7.76,19417.053,9.4,21.9,C,7.70,0.17,F
17,Single Wheel 2.2,2200.000,1.1,668,3.13,1.33483E+003,1.01423E+304,7.37,19417.052,9.4,21.9,C,7.70,0.17,F
```

MYF_28R_CDF 00000

This file name = PCN Results Flexible 5-22-2018 17;01;02.txt
Library file name = C:\Program Files (x86)\COMFAA 30\MYF Traffic_1_28R Recal_b.Ext
Units = English

Evaluation pavement type is flexible and design procedure is CBR.
Alpha Values are those approved by the ICAO in 2007.

CBR = 7.70 (Subgrade Category is C(6))
Evaluation pavement thickness = 21.90 in
Pass to Traffic Cycle (PtoTC) Ratio = 1.00
Maximum number of wheels per gear = 2
Maximum number of gears per aircraft = 2

No aircraft have 4 or more wheels per gear. The FAA recommends a reference section assuming 3 inches of HMA and 6 inches of crushed aggregate for equivalent thickness calculations.

Results Table 1. Input Traffic Data

No.	Aircraft Name	Gross Weight	Percent Gross Wt	Tire Press	Annual Deps	20-yr Coverages	6D Thick
1	Single Wheel 5	5,950	100.00	45.0	610	1,633	6.22
2	Learjet-35A/65A	18,000	95.00	171.0	255	584	6.72
3	Citation-V	16,300	95.00	130.0	63	113	6.47
4	Citation-V	16,630	95.00	130.0	63	115	6.54
5	Citation-550B	14,800	95.00	130.0	306	525	7.51
6	Citation-525	11,850	95.00	98.0	542	959	6.99
7	Single Wheel 2	2,450	100.00	30.0	5,062	10,667	3.91
8	Bonanza-F-36	3,650	95.00	40.0	26,167	40,226	4.05
9	Baron-E-55	5,100	95.00	56.0	9,861	15,144	5.08
10	Single Wheel 12.5	12,500	95.00	50.0	1,561	3,961	7.12
11	EC130 Eurocopter	5,351	100.00	45.0	502	1,275	5.77
12	Single Wheel 10	11,200	100.00	50.0	303	1,052	8.69
13	Single Wheel 2.5	2,500	100.00	30.0	402	856	3.19
14	Single Wheel 5	5,732	100.00	45.0	628	1,650	6.11
15	Single Wheel 2.4	2,440	100.00	30.0	746	1,569	3.35
16	Single Wheel 2.2	2,200	100.00	30.0	3,931	7,852	3.62

Results Table 2. PCN Values

No.	Aircraft Name	Critical Aircraft Total Equiv. Covs.	Thickness for Total Equiv. Covs.	Maximum Allowable Gross Weight	ACN Thick at Max. Allowable Gross Weight	CDF	PCN on C(6)
1	Single Wheel 5	88,181	8.20	42,431	23.60	0.0000	26.8
2	Learjet-35A/65A	88,181	9.78	71,877	22.58	0.0000	24.6
3	Citation-V	88,181	11.64	57,709	22.08	0.0000	23.5
4	Citation-V	88,181	11.76	57,709	22.08	0.0000	23.5
5	Citation-550B	88,181	11.09	57,709	22.08	0.0000	23.5
6	Citation-525	88,181	9.69	60,525	22.17	0.0000	23.7
7	Single Wheel 2	88,181	4.43	59,748	24.45	0.0000	28.8
8	Bonanza-F-36	88,181	4.23	97,659	24.02	0.0000	27.8
9	Baron-E-55	88,181	5.63	77,252	23.38	0.0000	26.3
10	Single Wheel 12.5	88,181	8.70	79,216	22.95	0.0000	25.4
11	EC130 Eurocopter	88,181	7.78	42,431	23.60	0.0000	26.8
12	Single Wheel 10	88,181	11.95	37,628	22.95	0.0000	25.4
13	Single Wheel 2.5	88,181	4.48	59,748	24.45	0.0000	28.8
14	Single Wheel 5	88,181	8.05	42,431	23.60	0.0000	26.8
15	Single Wheel 2.4	88,181	4.43	59,748	24.45	0.0000	28.8
16	Single Wheel 2.2	88,181	4.20	59,748	24.45	0.0000	28.8
					Total CDF =	0.0000	

When computing the numbers of coverages to failure, the coverages for none of the aircraft converged at a pavement thickness greater than 99 percent of the evaluation thickness. This means that the life of the pavement is unlimited and the pavement is very strong in relation to the aircraft loading. The relative aircraft load evaluations are also unreliable. Consider reviewing the procedures used to determine the evaluation thickness and the strength of the support. The thicknesses for unlimited operations of each of the aircraft are as follows.

Results Table 2a. Thicknesses for Unlimited Operations

Single Wheel 5	14.39
Learjet-35A/65A	14.32

Citation-V	20.42
Citation-V	20.63
Citation-550B	19.46
Citation-525	17.01
Single Wheel 2	7.78
Bonanza-F-36	7.42
Baron-E-55	9.88
Single Wheel 12.5	15.27
EC130 Eurocopter	13.64
Single Wheel 10	20.97
Single Wheel 2.5	7.86
Single Wheel 5	14.12
Single Wheel 2.4	7.76
Single Wheel 2.2	7.37

Results Table 3. Flexible ACN at Indicated Gross Weight and Strength

No.	Aircraft Name	Gross Weight	% GW on Main Gear	Tire Pressure	ACN Thick	ACN on C(6)
1	Single Wheel 5	5,950	100.00	45.0	8.84	3.8
2	Learjet-35A/65A	18,000	95.00	171.0	10.15	5.0
3	Citation-V	16,300	95.00	130.0	11.73	6.6
4	Citation-V	16,630	95.00	130.0	11.85	6.8
5	Citation-550B	14,800	95.00	130.0	11.18	6.0
6	Citation-525	11,850	95.00	98.0	9.81	4.6
7	Single Wheel 2	2,450	100.00	30.0	4.95	1.2
8	Bonanza-F-36	3,650	95.00	40.0	4.64	1.0
9	Baron-E-55	5,100	95.00	56.0	6.01	1.7
10	Single Wheel 12.5	12,500	95.00	50.0	9.12	4.0
11	EC130 Eurocopter	5,351	100.00	45.0	8.38	3.4
12	Single Wheel 10	11,200	100.00	50.0	12.52	7.6
13	Single Wheel 2.5	2,500	100.00	30.0	5.00	1.2
14	Single Wheel 5	5,732	100.00	45.0	8.67	3.6
15	Single Wheel 2.4	2,440	100.00	30.0	4.94	1.2
16	Single Wheel 2.2	2,200	100.00	30.0	4.69	1.1

Results Table 4. Summary Output for Copy and Paste Into the Support Spread Sheet

Num,Plane,GWin,ACNin,ADout,6Dt,COV20yr,COVtoF,CDFt,GWcdf,PCNcdf,EVALt,SUBcode,KorCBR,PtoTC,FlexOrRig
1,Single Wheel 5,5950.000,3.8,610,6.22,1.63265E+003,1.01423E+304,8.20,42431.278,26.8,21.9,C,7.70,1.00,F
2,Learjet-35A/65A,18000.000,5.0,255,6.72,5.84370E+002,1.01423E+304,9.78,71876.671,24.6,21.9,C,7.70,1.00,F
3,Citation-V,16300.000,6.6,63,6.47,1.13461E+002,1.01423E+304,11.64,57708.964,23.5,21.9,C,7.70,1.00,F
4,Citation-V,16630.000,6.8,63,6.54,1.14599E+002,1.01423E+304,11.76,57708.964,23.5,21.9,C,7.70,1.00,F
5,Citation-550B,14800.000,6.0,306,7.51,5.25230E+002,1.01423E+304,11.09,57708.964,23.5,21.9,C,7.70,1.00,F
6,Citation-525,11850.000,4.6,542,6.99,9.58654E+002,1.01423E+304,9.69,60525.017,23.7,21.9,C,7.70,1.00,F
7,Single Wheel 2,2450.000,1.2,5062,3.91,1.06669E+004,1.01423E+304,4.43,59748.375,28.8,21.9,C,7.70,1.00,F
8,Bonanza-F-36,3650.000,1.0,26167,4.05,4.02259E+004,1.01423E+304,4.23,97659.303,27.8,21.9,C,7.70,1.00,F
9,Baron-E-55,5100.000,1.7,9861,5.08,1.51443E+004,1.01423E+304,5.63,77251.882,26.3,21.9,C,7.70,1.00,F
10,Single Wheel
12.5,12500.000,4.0,1561,7.12,3.96131E+003,1.01423E+304,8.70,79216.348,25.4,21.9,C,7.70,1.00,F
11,EC130 Eurocopter,5351.000,3.4,502,5.77,1.27477E+003,1.01423E+304,7.78,42431.277,26.8,21.9,C,7.70,1.00,F
12,Single Wheel 10,11200.000,7.6,303,8.69,1.05210E+003,1.01423E+304,11.95,37627.761,25.4,21.9,C,7.70,1.00,F
13,Single Wheel 2.5,2500.000,1.2,402,3.19,8.55664E+002,1.01423E+304,4.48,59748.375,28.8,21.9,C,7.70,1.00,F
14,Single Wheel 5,5732.000,3.6,628,6.11,1.65003E+003,1.01423E+304,8.05,42431.278,26.8,21.9,C,7.70,1.00,F
15,Single Wheel 2.4,2440.000,1.2,746,3.35,1.56882E+003,1.01423E+304,4.43,59748.375,28.8,21.9,C,7.70,1.00,F
16,Single Wheel 2.2,2200.000,1.1,3931,3.62,7.85194E+003,1.01423E+304,4.20,59748.375,28.8,21.9,C,7.70,1.00,F

MYF_28L_CDF 01500_PCN 44

This file name = PCN Results Flexible 5-22-2018 16;46;32.txt
Library file name = C:\Program Files (x86)\COMFAA 30\MYF Traffic_1_28L Recal.Ext
Units = English

Evaluation pavement type is flexible and design procedure is CBR.
Alpha Values are those approved by the ICAO in 2007.

CBR = 7.40 (Subgrade Category is C(6))
Evaluation pavement thickness = 24.80 in
Pass to Traffic Cycle (PtoTC) Ratio = 0.85 (non-standard)
Maximum number of wheels per gear = 2
Maximum number of gears per aircraft = 2

No aircraft have 4 or more wheels per gear. The FAA recommends a reference section assuming 3 inches of HMA and 6 inches of crushed aggregate for equivalent thickness calculations.

Results Table 1. Input Traffic Data

No.	Aircraft Name	Gross Weight	Percent Gross Wt	Tire Press	Annual Deps	20-yr Coverages	6D Thick
1	Single Wheel 5	5,950	100.00	45.0	610	1,394	6.74
2	Learjet-35A/65A	18,000	95.00	171.0	255	499	6.77
3	Citation-V	16,300	95.00	130.0	63	97	6.45
4	Citation-V	16,630	95.00	130.0	63	98	6.52
5	Citation-550B	14,800	95.00	130.0	306	448	7.53
6	Citation-525	11,850	95.00	98.0	542	818	7.07
7	Single Wheel 2	2,450	100.00	30.0	5,062	9,106	4.00
8	Bonanza-F-36	3,650	95.00	40.0	26,167	34,341	4.19
9	Baron-E-55	5,100	95.00	56.0	9,861	12,929	5.18
10	Single Wheel 12.5	12,500	95.00	50.0	1,561	3,382	7.16
11	EC130 Eurocopter	5,351	100.00	45.0	502	1,088	6.25
12	C-130	165,000	95.00	105.0	502	3,821	22.00
13	Single Wheel 10	11,200	100.00	50.0	303	898	8.72
14	Single Wheel 2.5	2,500	100.00	30.0	402	730	3.25
15	Single Wheel 5	5,732	100.00	45.0	628	1,409	6.62
16	Single Wheel 2.4	2,440	100.00	30.0	746	1,339	3.41

17	Single Wheel 2.2	2,200	100.00	30.0	3,931	6,703	3.70

Results Table 2. PCN Values

No.	Aircraft Name	Critical Aircraft Total Equiv. Covs.	Thickness for Total Equiv. Covs.	Maximum Allowable Gross Weight	ACN Thick at Max. Allowable Gross Weight	CDF	PCN on C(6)
1	Single Wheel 5	>5,000,000	14.94	16,393	14.67	0.0000	10.4
2	Learjet-35A/65A	>5,000,000	14.68	46,701	17.88	0.0000	15.4
3	Citation-V	>5,000,000	20.85	23,055	13.95	0.0000	9.4
4	Citation-V	>5,000,000	21.06	23,055	13.95	0.0000	9.4
5	Citation-550B	>5,000,000	19.87	23,055	13.95	0.0000	9.4
6	Citation-525	>5,000,000	17.46	23,895	13.93	0.0000	9.4
7	Single Wheel 2	>5,000,000	8.03	23,342	15.28	0.0000	11.2
8	Bonanza-F-36	>5,000,000	7.74	37,493	14.88	0.0000	10.7
9	Baron-E-55	>5,000,000	10.18	30,295	14.64	0.0000	10.3
10	Single Wheel 12.5	>5,000,000	15.55	31,814	14.55	0.0000	10.2
11	EC130 Eurocopter	>5,000,000	14.17	16,393	14.67	0.0000	10.4
12	C-130	3,821	22.00	203,031	30.35	0.1500	44.4
13	Single Wheel 10	>5,000,000	21.35	15,112	14.55	0.0000	10.2
14	Single Wheel 2.5	>5,000,000	8.12	23,342	15.28	0.0000	11.2
15	Single Wheel 5	>5,000,000	14.66	16,393	14.67	0.0000	10.4
16	Single Wheel 2.4	>5,000,000	8.02	23,342	15.28	0.0000	11.2
17	Single Wheel 2.2	>5,000,000	7.61	23,342	15.28	0.0000	11.2
					Total CDF =	0.1500	

Results Table 3. Flexible ACN at Indicated Gross Weight and Strength

No.	Aircraft Name	Gross Weight	% GW on Main Gear	Tire Pressure	ACN Thick	ACN on C(6)
1	Single Wheel 5	5,950	100.00	45.0	8.84	3.8
2	Learjet-35A/65A	18,000	95.00	171.0	10.15	5.0
3	Citation-V	16,300	95.00	130.0	11.73	6.6
4	Citation-V	16,630	95.00	130.0	11.85	6.8
5	Citation-550B	14,800	95.00	130.0	11.18	6.0
6	Citation-525	11,850	95.00	98.0	9.81	4.6

MYF_28L_CDF 01500_PCN 44

7	Single Wheel 2	2,450	100.00	30.0	4.95	1.2
8	Bonanza-F-36	3,650	95.00	40.0	4.64	1.0
9	Baron-E-55	5,100	95.00	56.0	6.01	1.7
10	Single Wheel 12.5	12,500	95.00	50.0	9.12	4.0
11	EC130 Eurocopter	5,351	100.00	45.0	8.38	3.4
12	C-130	165,000	95.00	105.0	26.87	34.8
13	Single Wheel 10	11,200	100.00	50.0	12.52	7.6
14	Single Wheel 2.5	2,500	100.00	30.0	5.00	1.2
15	Single Wheel 5	5,732	100.00	45.0	8.67	3.6
16	Single Wheel 2.4	2,440	100.00	30.0	4.94	1.2
17	Single Wheel 2.2	2,200	100.00	30.0	4.69	1.1

Results Table 4. Summary Output for Copy and Paste Into the Support Spread Sheet

```
Num,Plane,GWin,ACNin,ADout,6Dt,COV20yr,COVtoF,CDFt,GWcdf,PCNcdf,EVALt,SUBcode,KorCBR,PtoTC,FlexOrRig
1,Single Wheel 5,5950.000,3.8,521,6.74,1.39379E+003,1.01423E+304,14.94,16393.117,10.4,24.8,C,7.40,0.85,F
2,Learjet-35A/65A,18000.000,5.0,218,6.77,4.98876E+002,1.01423E+304,14.68,46700.675,15.4,24.8,C,7.40,0.85,F
3,Citation-V,16300.000,6.6,54,6.45,9.68616E+001,1.01423E+304,20.85,23055.013,9.4,24.8,C,7.40,0.85,F
4,Citation-V,16630.000,6.8,54,6.52,9.78329E+001,1.01423E+304,21.06,23055.012,9.4,24.8,C,7.40,0.85,F
5,Citation-550B,14800.000,6.0,261,7.53,4.48389E+002,3.75664E+172,19.87,23055.019,9.4,24.8,C,7.40,0.85,F
6,Citation-525,11850.000,4.6,463,7.07,8.18403E+002,1.01423E+304,17.46,23894.663,9.4,24.8,C,7.40,0.85,F
7,Single Wheel 2,2450.000,1.2,4321,4.00,9.10633E+003,1.01423E+304,8.03,23342.244,11.2,24.8,C,7.40,0.85,F
8,Bonanza-F-36,3650.000,1.0,22339,4.19,3.43408E+004,1.01423E+304,7.74,37492.610,10.7,24.8,C,7.40,0.85,F
9,Baron-E-55,5100.000,1.7,8418,5.18,1.29287E+004,1.01423E+304,10.18,30295.455,10.3,24.8,C,7.40,0.85,F
10,Single Wheel
12.5,12500.000,4.0,1333,7.16,3.38177E+003,1.01423E+304,15.55,31814.243,10.2,24.8,C,7.40,0.85,F
11,EC130 Eurocopter,5351.000,3.4,429,6.25,1.08827E+003,1.01423E+304,14.17,16393.194,10.4,24.8,C,7.40,0.85,F
12,C-130,165000.000,34.8,429,22.00,3.82128E+003,2.54713E+004,22.00,203031.032,44.4,24.8,C,7.40,0.85,F
13,Single Wheel 10,11200.000,7.6,259,8.72,8.98178E+002,1.01423E+304,21.35,15111.787,10.2,24.8,C,7.40,0.85,F
14,Single Wheel 2.5,2500.000,1.2,343,3.25,7.30480E+002,1.01423E+304,8.12,23342.244,11.2,24.8,C,7.40,0.85,F
15,Single Wheel 5,5732.000,3.6,536,6.62,1.40863E+003,1.01423E+304,14.66,16393.078,10.4,24.8,C,7.40,0.85,F
16,Single Wheel 2.4,2440.000,1.2,637,3.41,1.33930E+003,1.01423E+304,8.02,23342.244,11.2,24.8,C,7.40,0.85,F
17,Single Wheel 2.2,2200.000,1.1,3356,3.70,6.70320E+003,1.01423E+304,7.61,23342.240,11.2,24.8,C,7.40,0.85,F
```

MYF_28L_CDF 00000

This file name = PCN Results Flexible 5-22-2018 13;43;38.txt
Library file name = C:\Program Files (x86)\COMFAA 30\MYF Traffic_1_28L Recal_b.Ext
Units = English

Evaluation pavement type is flexible and design procedure is CBR.
Alpha Values are those approved by the ICAO in 2007.

CBR = 7.40 (Subgrade Category is C(6))
Evaluation pavement thickness = 24.80 in
Pass to Traffic Cycle (PtoTC) Ratio = 1.00
Maximum number of wheels per gear = 2
Maximum number of gears per aircraft = 2

No aircraft have 4 or more wheels per gear. The FAA recommends a reference section assuming 3 inches of HMA and 6 inches of crushed aggregate for equivalent thickness calculations.

Results Table 1. Input Traffic Data

No.	Aircraft Name	Gross Weight	Percent Gross Wt	Tire Press	Annual Deps	20-yr Coverages	6D Thick
1	Single Wheel 5	5,950	100.00	45.0	610	1,633	6.84
2	Learjet-35A/65A	18,000	95.00	171.0	255	584	6.89
3	Citation-V	16,300	95.00	130.0	63	113	6.60
4	Citation-V	16,630	95.00	130.0	63	115	6.68
5	Citation-550B	14,800	95.00	130.0	306	525	7.67
6	Citation-525	11,850	95.00	98.0	542	959	7.18
7	Single Wheel 2	2,450	100.00	30.0	5,062	10,667	4.04
8	Bonanza-F-36	3,650	95.00	40.0	26,167	40,226	4.23
9	Baron-E-55	5,100	95.00	56.0	9,861	15,144	5.23
10	Single Wheel 12.5	12,500	95.00	50.0	1,561	3,961	7.25
11	EC130 Eurocopter	5,351	100.00	45.0	502	1,275	6.34
12	Single Wheel 10	11,200	100.00	50.0	303	1,052	8.86
13	Single Wheel 2.5	2,500	100.00	30.0	402	856	3.30
14	Single Wheel 5	5,732	100.00	45.0	628	1,650	6.72
15	Single Wheel 2.4	2,440	100.00	30.0	746	1,569	3.46
16	Single Wheel 2.2	2,200	100.00	30.0	3,931	7,852	3.75

Results Table 2. PCN Values

No.	Aircraft Name	Critical Aircraft Total Equiv. Covs.	Thickness for Total Equiv. Covs.	Maximum Allowable Gross Weight	ACN Thick at Max. Allowable Gross Weight	CDF	PCN on C(6)
1	Single Wheel 5	>5,000,000	14.94	16,393	14.67	0.0000	10.4
2	Learjet-35A/65A	>5,000,000	14.68	46,701	17.88	0.0000	15.4
3	Citation-V	113	6.60	229,821	44.06	0.0000	93.6
4	Citation-V	>5,000,000	21.06	23,055	13.95	0.0000	9.4
5	Citation-550B	>5,000,000	19.87	23,055	13.95	0.0000	9.4
6	Citation-525	>5,000,000	17.46	23,895	13.93	0.0000	9.4
7	Single Wheel 2	>5,000,000	8.03	23,342	15.28	0.0000	11.2
8	Bonanza-F-36	>5,000,000	7.74	37,493	14.88	0.0000	10.7
9	Baron-E-55	>5,000,000	10.18	30,296	14.64	0.0000	10.3
10	Single Wheel 12.5	>5,000,000	15.55	31,814	14.55	0.0000	10.2
11	EC130 Eurocopter	>5,000,000	14.17	16,393	14.67	0.0000	10.4
12	Single Wheel 10	>5,000,000	21.35	15,112	14.55	0.0000	10.2
13	Single Wheel 2.5	>5,000,000	8.12	23,342	15.28	0.0000	11.2
14	Single Wheel 5	>5,000,000	14.66	16,393	14.67	0.0000	10.4
15	Single Wheel 2.4	>5,000,000	8.02	23,342	15.28	0.0000	11.2
16	Single Wheel 2.2	>5,000,000	7.61	23,342	15.28	0.0000	11.2
					Total CDF =	0.0000	

When computing the numbers of coverages to failure, the coverages for none of the aircraft converged at a pavement thickness greater than 99 percent of the evaluation thickness. This means that the life of the pavement is unlimited and the pavement is very strong in relation to the aircraft loading. The relative aircraft load evaluations are also unreliable. Consider reviewing the procedures used to determine the evaluation thickness and the strength of the support. The thicknesses for unlimited operations of each of the aircraft are as follows.

Results Table 2a. Thicknesses for Unlimited Operations

Single Wheel 5	14.94
Learjet-35A/65A	14.68

Citation-V	20.85
Citation-V	21.06
Citation-550B	19.87
Citation-525	17.46
Single Wheel 2	8.03
Bonanza-F-36	7.74
Baron-E-55	10.18
Single Wheel 12.5	15.55
EC130 Eurocopter	14.17
Single Wheel 10	21.35
Single Wheel 2.5	8.12
Single Wheel 5	14.66
Single Wheel 2.4	8.02
Single Wheel 2.2	7.61

Results Table 3. Flexible ACN at Indicated Gross Weight and Strength

No.	Aircraft Name	Gross Weight	% GW on Main Gear	Tire Pressure	ACN Thick	ACN on C(6)
1	Single Wheel 5	5,950	100.00	45.0	8.84	3.8
2	Learjet-35A/65A	18,000	95.00	171.0	10.15	5.0
3	Citation-V	16,300	95.00	130.0	11.73	6.6
4	Citation-V	16,630	95.00	130.0	11.85	6.8
5	Citation-550B	14,800	95.00	130.0	11.18	6.0
6	Citation-525	11,850	95.00	98.0	9.81	4.6
7	Single Wheel 2	2,450	100.00	30.0	4.95	1.2
8	Bonanza-F-36	3,650	95.00	40.0	4.64	1.0
9	Baron-E-55	5,100	95.00	56.0	6.01	1.7
10	Single Wheel 12.5	12,500	95.00	50.0	9.12	4.0
11	EC130 Eurocopter	5,351	100.00	45.0	8.38	3.4
12	Single Wheel 10	11,200	100.00	50.0	12.52	7.6
13	Single Wheel 2.5	2,500	100.00	30.0	5.00	1.2
14	Single Wheel 5	5,732	100.00	45.0	8.67	3.6
15	Single Wheel 2.4	2,440	100.00	30.0	4.94	1.2
16	Single Wheel 2.2	2,200	100.00	30.0	4.69	1.1

Results Table 4. Summary Output for Copy and Paste Into the Support Spread Sheet

Num,Plane,GWin,ACNin,ADout,6Dt,COV20yr,COVtoF,CDFt,GWcdf,PCNcdf,EVALt,SUBcode,KorCBR,PtoTC,FlexOrRig
1,Single Wheel 5,5950.000,3.8,610,6.84,1.63265E+003,1.01423E+304,14.94,16393.156,10.4,24.8,C,7.40,1.00,F
2,Learjet-35A/65A,18000.000,5.0,255,6.89,5.84370E+002,1.01423E+304,14.68,46700.675,15.4,24.8,C,7.40,1.00,F
3,Citation-V,16300.000,6.6,63,6.60,1.13461E+002,1.80058E+221,6.60,229820.904,93.6,24.8,C,7.40,1.00,F
4,Citation-V,16630.000,6.8,63,6.68,1.14599E+002,1.01423E+304,21.06,23055.067,9.4,24.8,C,7.40,1.00,F
5,Citation-550B,14800.000,6.0,306,7.67,5.25230E+002,1.01423E+304,19.87,23055.075,9.4,24.8,C,7.40,1.00,F
6,Citation-525,11850.000,4.6,542,7.18,9.58654E+002,1.01423E+304,17.46,23894.721,9.4,24.8,C,7.40,1.00,F
7,Single Wheel 2,2450.000,1.2,5062,4.04,1.06669E+004,1.01423E+304,8.03,23342.308,11.2,24.8,C,7.40,1.00,F
8,Bonanza-F-36,3650.000,1.0,26167,4.23,4.02259E+004,1.01423E+304,7.74,37492.700,10.7,24.8,C,7.40,1.00,F
9,Baron-E-55,5100.000,1.7,9861,5.23,1.51443E+004,1.01423E+304,10.18,30295.527,10.3,24.8,C,7.40,1.00,F
10,Single Wheel
12.5,12500.000,4.0,1561,7.25,3.96131E+003,1.01423E+304,15.55,31814.321,10.2,24.8,C,7.40,1.00,F
11,EC130 Eurocopter,5351.000,3.4,502,6.34,1.27477E+003,1.01423E+304,14.17,16393.233,10.4,24.8,C,7.40,1.00,F
12,Single Wheel 10,11200.000,7.6,303,8.86,1.05210E+003,1.01423E+304,21.35,15111.824,10.2,24.8,C,7.40,1.00,F
13,Single Wheel 2.5,2500.000,1.2,402,3.30,8.55664E+002,1.01423E+304,8.12,23342.309,11.2,24.8,C,7.40,1.00,F
14,Single Wheel 5,5732.000,3.6,628,6.72,1.65003E+003,1.01423E+304,14.66,16393.117,10.4,24.8,C,7.40,1.00,F
15,Single Wheel 2.4,2440.000,1.2,746,3.46,1.56882E+003,1.01423E+304,8.02,23342.308,11.2,24.8,C,7.40,1.00,F
16,Single Wheel 2.2,2200.000,1.1,3931,3.75,7.85194E+003,1.01423E+304,7.61,23342.304,11.2,24.8,C,7.40,1.00,F

MYF_23_CDF 01506_PCN 37

This file name = PCN Results Flexible 5-22-2018 17;44;28.txt
Library file name = C:\Program Files (x86)\COMFAA 30\MYF Traffic_1_23 Recal.Ext
Units = English

Evaluation pavement type is flexible and design procedure is CBR.
Alpha Values are those approved by the ICAO in 2007.

CBR = 9.00 (Subgrade Category is B(10))
Evaluation pavement thickness = 25.70 in
Pass to Traffic Cycle (PtoTC) Ratio = 3.70 (non-standard)
Maximum number of wheels per gear = 2
Maximum number of gears per aircraft = 2

No aircraft have 4 or more wheels per gear. The FAA recommends a reference section assuming 3 inches of HMA and 6 inches of crushed aggregate for equivalent thickness calculations.

Results Table 1. Input Traffic Data

No.	Aircraft Name	Gross Weight	Percent Gross Wt	Tire Press	Annual Deps	20-yr Coverages	6D Thick
1	Single Wheel 5	5,950	100.00	45.0	6,100	60,408	7.04
2	Learjet-35A/65A	18,000	95.00	171.0	2,550	21,622	8.10
3	Citation-V	16,300	95.00	130.0	630	4,198	8.77
4	Citation-V	16,630	95.00	130.0	630	4,240	8.87
5	Citation-550B	14,800	95.00	130.0	3,060	19,433	9.32
6	Citation-525	11,850	95.00	98.0	5,420	35,470	8.35
7	Single Wheel 2	2,450	100.00	30.0	50,620	394,675	4.08
8	Bonanza-F-36	3,650	95.00	40.0	261,670	1,488,358	4.16
9	Baron-E-55	5,100	95.00	56.0	98,610	560,338	5.44
10	Single Wheel 12.5	12,500	95.00	50.0	15,610	146,568	7.64
11	EC130 Eurocopter	5,351	100.00	45.0	5,020	47,166	6.59
12	C-130	165,000	95.00	105.0	5,020	165,617	24.01
13	Single Wheel 10	11,200	100.00	50.0	3,030	38,928	9.77
14	Single Wheel 2.5	2,500	100.00	30.0	4,020	31,660	3.62
15	Single Wheel 5	5,732	100.00	45.0	6,280	61,051	6.91
16	Single Wheel 2.4	2,440	100.00	30.0	7,460	58,046	3.71

17	Single Wheel 2.2	2,200	100.00	30.0	39,310	290,522	3.82

Results Table 2. PCN Values

No.	Aircraft Name	Critical Aircraft Total Equiv. Covs.	Thickness for Total Equiv. Covs.	Maximum Allowable Gross Weight	ACN Thick at Max. Allowable Gross Weight	CDF	PCN on B(10)
1	Single Wheel 5	>5,000,000	12.60	24,773	11.58	0.0000	11.5
2	Learjet-35A/65A	>5,000,000	12.97	61,505	15.42	0.0000	20.4
3	Citation-V	>5,000,000	18.72	30,708	12.03	0.0000	12.4
4	Citation-V	>5,000,000	18.91	30,708	12.03	0.0000	12.4
5	Citation-550B	>5,000,000	17.84	30,708	12.03	0.0000	12.4
6	Citation-525	>5,000,000	15.42	32,935	11.91	0.0000	12.1
7	Single Wheel 2	>5,000,000	6.66	36,484	11.36	0.0000	11.0
8	Bonanza-F-36	>5,000,000	6.42	58,441	11.55	0.0000	11.4
9	Baron-E-55	>5,000,000	8.74	44,137	11.69	0.0000	11.7
10	Single Wheel 12.5	>5,000,000	13.07	48,358	11.74	0.0000	11.8
11	EC130 Eurocopter	>5,000,000	11.94	24,773	11.58	0.0000	11.5
12	C-130	165,617	24.01	185,651	20.74	0.1506	36.8
13	Single Wheel 10	>5,000,000	17.95	22,970	11.74	0.0000	11.8
14	Single Wheel 2.5	>5,000,000	6.73	36,484	11.36	0.0000	11.0
15	Single Wheel 5	>5,000,000	12.36	24,773	11.58	0.0000	11.5
16	Single Wheel 2.4	>5,000,000	6.65	36,484	11.36	0.0000	11.0
17	Single Wheel 2.2	>5,000,000	6.31	36,484	11.36	0.0000	11.0
					Total CDF =	0.1506	

Results Table 3. Flexible ACN at Indicated Gross Weight and Strength

No.	Aircraft Name	Gross Weight	% GW on Main Gear	Tire Pressure	ACN Thick	ACN on B(10)
1	Single Wheel 5	5,950	100.00	45.0	5.68	2.8
2	Learjet-35A/65A	18,000	95.00	171.0	7.19	4.4
3	Citation-V	16,300	95.00	130.0	8.77	6.6
4	Citation-V	16,630	95.00	130.0	8.86	6.7
5	Citation-550B	14,800	95.00	130.0	8.35	6.0
6	Citation-525	11,850	95.00	98.0	7.14	4.4

7	Single Wheel 2	2,450	100.00	30.0	2.94	0.7
8	Bonanza-F-36	3,650	95.00	40.0	2.89	0.7
9	Baron-E-55	5,100	95.00	56.0	3.97	1.4
10	Single Wheel 12.5	12,500	95.00	50.0	5.97	3.0
11	EC130 Eurocopter	5,351	100.00	45.0	5.38	2.5
12	C-130	165,000	95.00	105.0	19.44	32.3
13	Single Wheel 10	11,200	100.00	50.0	8.20	5.8
14	Single Wheel 2.5	2,500	100.00	30.0	2.97	0.8
15	Single Wheel 5	5,732	100.00	45.0	5.57	2.7
16	Single Wheel 2.4	2,440	100.00	30.0	2.94	0.7
17	Single Wheel 2.2	2,200	100.00	30.0	2.79	0.7

Results Table 4. Summary Output for Copy and Paste Into the Support Spread Sheet

Num,Plane,GWin,ACNin,ADout,6Dt,COV20yr,COVtoF,CDFt,GWcdf,PCNcdf,EVALt,SUBcode,KorCBR,PtoTC,FlexOrRig
1,Single Wheel 5,5950.000,2.8,22570,7.04,6.04079E+004,1.01423E+304,12.60,24773.132,11.5,25.7,B,9.00,3.70,F
2,Learjet-35A/65A,18000.000,4.4,9435,8.10,2.16217E+004,1.01423E+304,12.97,61505.172,20.4,25.7,B,9.00,3.70,F
3,Citation-V,16300.000,6.6,2331,8.77,4.19805E+003,1.01423E+304,18.72,30708.311,12.4,25.7,B,9.00,3.70,F
4,Citation-V,16630.000,6.7,2331,8.87,4.24015E+003,1.01423E+304,18.91,30708.309,12.4,25.7,B,9.00,3.70,F
5,Citation-550B,14800.000,6.0,11322,9.32,1.94335E+004,1.01423E+304,17.84,30708.316,12.4,25.7,B,9.00,3.70,F
6,Citation-525,11850.000,4.4,20054,8.35,3.54702E+004,1.01423E+304,15.42,32934.826,12.1,25.7,B,9.00,3.70,F
7,Single Wheel 2,2450.000,0.7,187294,4.08,3.94675E+005,1.01423E+304,6.66,36483.726,11.0,25.7,B,9.00,3.70,F
8,Bonanza-F-36,3650.000,0.7,968179,4.16,1.48836E+006,1.01423E+304,6.42,58440.642,11.4,25.7,B,9.00,3.70,F
9,Baron-E-55,5100.000,1.4,364857,5.44,5.60338E+005,1.01423E+304,8.74,44137.474,11.7,25.7,B,9.00,3.70,F
10,Single Wheel
12.5,12500.000,3.0,57757,7.64,1.46568E+005,1.01423E+304,13.07,48357.646,11.8,25.7,B,9.00,3.70,F
11,EC130
Eurocopter,5351.000,2.5,18574,6.59,4.71664E+004,1.01423E+304,11.94,24773.132,11.5,25.7,B,9.00,3.70,F
12,C-130,165000.000,32.3,18574,24.01,1.65617E+005,1.09967E+006,24.01,185650.538,36.8,25.7,B,9.00,3.70,F
13,Single Wheel
10,11200.000,5.8,11211,9.77,3.89277E+004,1.01423E+304,17.95,22969.914,11.8,25.7,B,9.00,3.70,F
14,Single Wheel 2.5,2500.000,0.8,14874,3.62,3.16596E+004,1.01423E+304,6.73,36483.732,11.0,25.7,B,9.00,3.70,F
15,Single Wheel 5,5732.000,2.7,23236,6.91,6.10511E+004,1.01423E+304,12.36,24773.132,11.5,25.7,B,9.00,3.70,F
16,Single Wheel 2.4,2440.000,0.7,27602,3.71,5.80462E+004,1.01423E+304,6.65,36483.725,11.0,25.7,B,9.00,3.70,F
17,Single Wheel

MYF_23_CDF 01506_PCN 37

2.2,2200.000,0.7,145447,3.82,2.90522E+005,1.01423E+304,6.31,36483.690,11.0,25.7,B,9.00,3.70,F

This file name = PCN Results Flexible 5-22-2018 17;28;46.txt
Library file name = C:\Program Files (x86)\COMFAA 30\MYF Traffic_1_23 Recal_b.Ext
Units = English

Evaluation pavement type is flexible and design procedure is CBR.
Alpha Values are those approved by the ICAO in 2007.

CBR = 9.00 (Subgrade Category is B(10))
Evaluation pavement thickness = 25.70 in
Pass to Traffic Cycle (PtoTC) Ratio = 1.00
Maximum number of wheels per gear = 2
Maximum number of gears per aircraft = 2

No aircraft have 4 or more wheels per gear. The FAA recommends a reference section assuming 3 inches of HMA and 6 inches of crushed aggregate for equivalent thickness calculations.

Results Table 1. Input Traffic Data

No.	Aircraft Name	Gross Weight	Percent Gross Wt	Tire Press	Annual Deps	20-yr Coverages	6D Thick
1	Single Wheel 5	5,950	100.00	45.0	610	1,633	5.45
2	Learjet-35A/65A	18,000	95.00	171.0	255	584	6.03
3	Citation-V	16,300	95.00	130.0	63	113	5.93
4	Citation-V	16,630	95.00	130.0	63	115	6.00
5	Citation-550B	14,800	95.00	130.0	306	525	6.88
6	Citation-525	11,850	95.00	98.0	542	959	6.34
7	Single Wheel 2	2,450	100.00	30.0	5,062	10,667	3.35
8	Bonanza-F-36	3,650	95.00	40.0	26,167	40,226	3.51
9	Baron-E-55	5,100	95.00	56.0	9,861	15,144	4.68
10	Single Wheel 12.5	12,500	95.00	50.0	1,561	3,961	6.09
11	EC130 Eurocopter	5,351	100.00	45.0	502	1,275	5.05
12	Single Wheel 10	11,200	100.00	50.0	303	1,052	7.44
13	Single Wheel 2.5	2,500	100.00	30.0	402	856	2.74
14	Single Wheel 5	5,732	100.00	45.0	628	1,650	5.36
15	Single Wheel 2.4	2,440	100.00	30.0	746	1,569	2.87
16	Single Wheel 2.2	2,200	100.00	30.0	3,931	7,852	3.10

Results Table 2. PCN Values

No.	Aircraft Name	Critical Aircraft Total Equiv. Covs.	Thickness for Total Equiv. Covs.	Maximum Allowable Gross Weight	ACN Thick at Max. Allowable Gross Weight	CDF	PCN on B(10)
1	Single Wheel 5	>5,000,000	10.19	37,826	14.31	0.0000	17.5
2	Learjet-35A/65A	146,636	8.98	110,377	21.27	0.0000	38.8
3	Citation-V	>5,000,000	18.72	30,708	12.03	0.0000	12.4
4	Citation-V	>5,000,000	18.91	30,708	12.03	0.0000	12.4
5	Citation-550B	>5,000,000	17.84	30,708	12.03	0.0000	12.4
6	Citation-525	>5,000,000	15.42	32,935	11.91	0.0000	12.1
7	Single Wheel 2	>5,000,000	6.66	36,484	11.36	0.0000	11.0
8	Bonanza-F-36	>5,000,000	6.42	58,441	11.55	0.0000	11.4
9	Baron-E-55	>5,000,000	8.74	44,138	11.69	0.0000	11.7
10	Single Wheel 12.5	3,977	6.09	222,428	25.18	0.0000	54.3
11	EC130 Eurocopter	>5,000,000	11.94	24,775	11.58	0.0000	11.5
12	Single Wheel 10	>5,000,000	17.95	22,970	11.74	0.0000	11.8
13	Single Wheel 2.5	>5,000,000	6.73	36,484	11.36	0.0000	11.0
14	Single Wheel 5	>5,000,000	12.30	25,040	11.64	0.0000	11.6
15	Single Wheel 2.4	>5,000,000	6.65	36,484	11.36	0.0000	11.0
16	Single Wheel 2.2	>5,000,000	6.31	36,484	11.36	0.0000	11.0
					Total CDF =	0.0000	

When computing the numbers of coverages to failure, the coverages for none of the aircraft converged at a pavement thickness greater than 99 percent of the evaluation thickness. This means that the life of the pavement is unlimited and the pavement is very strong in relation to the aircraft loading. The relative aircraft load evaluations are also unreliable. Consider reviewing the procedures used to determine the evaluation thickness and the strength of the support. The thicknesses for unlimited operations of each of the aircraft are as follows.

Results Table 2a. Thicknesses for Unlimited Operations

Single Wheel 5	12.60
Learjet-35A/65A	12.97

Citation-V	18.72
Citation-V	18.91
Citation-550B	17.84
Citation-525	15.42
Single Wheel 2	6.66
Bonanza-F-36	6.42
Baron-E-55	8.74
Single Wheel 12.5	13.07
EC130 Eurocopter	11.94
Single Wheel 10	17.95
Single Wheel 2.5	6.73
Single Wheel 5	12.36
Single Wheel 2.4	6.65
Single Wheel 2.2	6.31

Results Table 3. Flexible ACN at Indicated Gross Weight and Strength

No.	Aircraft Name	Gross Weight	% GW on Main Gear	Tire Pressure	ACN Thick	ACN on B(10)
1	Single Wheel 5	5,950	100.00	45.0	5.68	2.8
2	Learjet-35A/65A	18,000	95.00	171.0	7.19	4.4
3	Citation-V	16,300	95.00	130.0	8.77	6.6
4	Citation-V	16,630	95.00	130.0	8.86	6.7
5	Citation-550B	14,800	95.00	130.0	8.35	6.0
6	Citation-525	11,850	95.00	98.0	7.14	4.4
7	Single Wheel 2	2,450	100.00	30.0	2.94	0.7
8	Bonanza-F-36	3,650	95.00	40.0	2.89	0.7
9	Baron-E-55	5,100	95.00	56.0	3.97	1.4
10	Single Wheel 12.5	12,500	95.00	50.0	5.97	3.0
11	EC130 Eurocopter	5,351	100.00	45.0	5.38	2.5
12	Single Wheel 10	11,200	100.00	50.0	8.20	5.8
13	Single Wheel 2.5	2,500	100.00	30.0	2.97	0.8
14	Single Wheel 5	5,732	100.00	45.0	5.57	2.7
15	Single Wheel 2.4	2,440	100.00	30.0	2.94	0.7
16	Single Wheel 2.2	2,200	100.00	30.0	2.79	0.7

Results Table 4. Summary Output for Copy and Paste Into the Support Spread Sheet

Num,Plane,GWin,ACNin,ADout,6Dt,COV20yr,COVtoF,CDFt,GWcdf,PCNcdf,EVALt,SUBcode,KorCBR,PtoTC,FlexOrRig
1,Single Wheel 5,5950.000,2.8,610,5.45,1.63265E+003,4.28865E+221,10.19,37825.903,17.5,25.7,B,9.00,1.00,F
2,Learjet-35A/65A,18000.000,4.4,255,6.03,5.84370E+002,6.11687E+216,8.98,110376.707,38.8,25.7,B,9.00,1.00,F
3,Citation-V,16300.000,6.6,63,5.93,1.13461E+002,1.01423E+304,18.72,30708.333,12.4,25.7,B,9.00,1.00,F
4,Citation-V,16630.000,6.7,63,6.00,1.14599E+002,1.01423E+304,18.91,30708.331,12.4,25.7,B,9.00,1.00,F
5,Citation-550B,14800.000,6.0,306,6.88,5.25230E+002,1.01423E+304,17.84,30708.338,12.4,25.7,B,9.00,1.00,F
6,Citation-525,11850.000,4.4,542,6.34,9.58654E+002,1.01423E+304,15.42,32934.851,12.1,25.7,B,9.00,1.00,F
7,Single Wheel 2,2450.000,0.7,5062,3.35,1.06669E+004,1.01423E+304,6.66,36483.752,11.0,25.7,B,9.00,1.00,F
8,Bonanza-F-36,3650.000,0.7,26167,3.51,4.02259E+004,1.01423E+304,6.42,58440.686,11.4,25.7,B,9.00,1.00,F
9,Baron-E-55,5100.000,1.4,9861,4.68,1.51443E+004,1.01423E+304,8.74,44137.505,11.7,25.7,B,9.00,1.00,F
10,Single Wheel
12.5,12500.000,3.0,1561,6.09,3.96131E+003,1.65906E+215,6.09,222427.545,54.3,25.7,B,9.00,1.00,F
11,EC130 Eurocopter,5351.000,2.5,502,5.05,1.27477E+003,6.06708E+276,11.94,24774.512,11.5,25.7,B,9.00,1.00,F
12,Single Wheel 10,11200.000,5.8,303,7.44,1.05210E+003,1.01423E+304,17.95,22969.930,11.8,25.7,B,9.00,1.00,F
13,Single Wheel 2.5,2500.000,0.8,402,2.74,8.55664E+002,1.01423E+304,6.73,36483.758,11.0,25.7,B,9.00,1.00,F
14,Single Wheel 5,5732.000,2.7,628,5.36,1.65003E+003,9.80329E+243,12.30,25039.761,11.6,25.7,B,9.00,1.00,F
15,Single Wheel 2.4,2440.000,0.7,746,2.87,1.56882E+003,1.01423E+304,6.65,36483.751,11.0,25.7,B,9.00,1.00,F
16,Single Wheel 2.2,2200.000,0.7,3931,3.10,7.85194E+003,1.01423E+304,6.31,36483.716,11.0,25.7,B,9.00,1.00,F

Katie Chou, Ph.D., P.E.
Atkins
3780 Kilroy Airport Way, Suite 740
Long Beach, CA 90806

Katie.Chou@atkinsglobal.com
310.893.2048