FLORIDA DEPARTMENT OF TRANSPORTATION | **AVIATION OFFICE**

2022

Statewide Airfield Pavement Management Program

Airport Pavement Evaluation Report

PGD - Punta Gorda Airport | *District 1*

FDOT | AVIATION

Florida Department of Transportation

Statewide Airfield Pavement Management Program

Airport Pavement Evaluation Report

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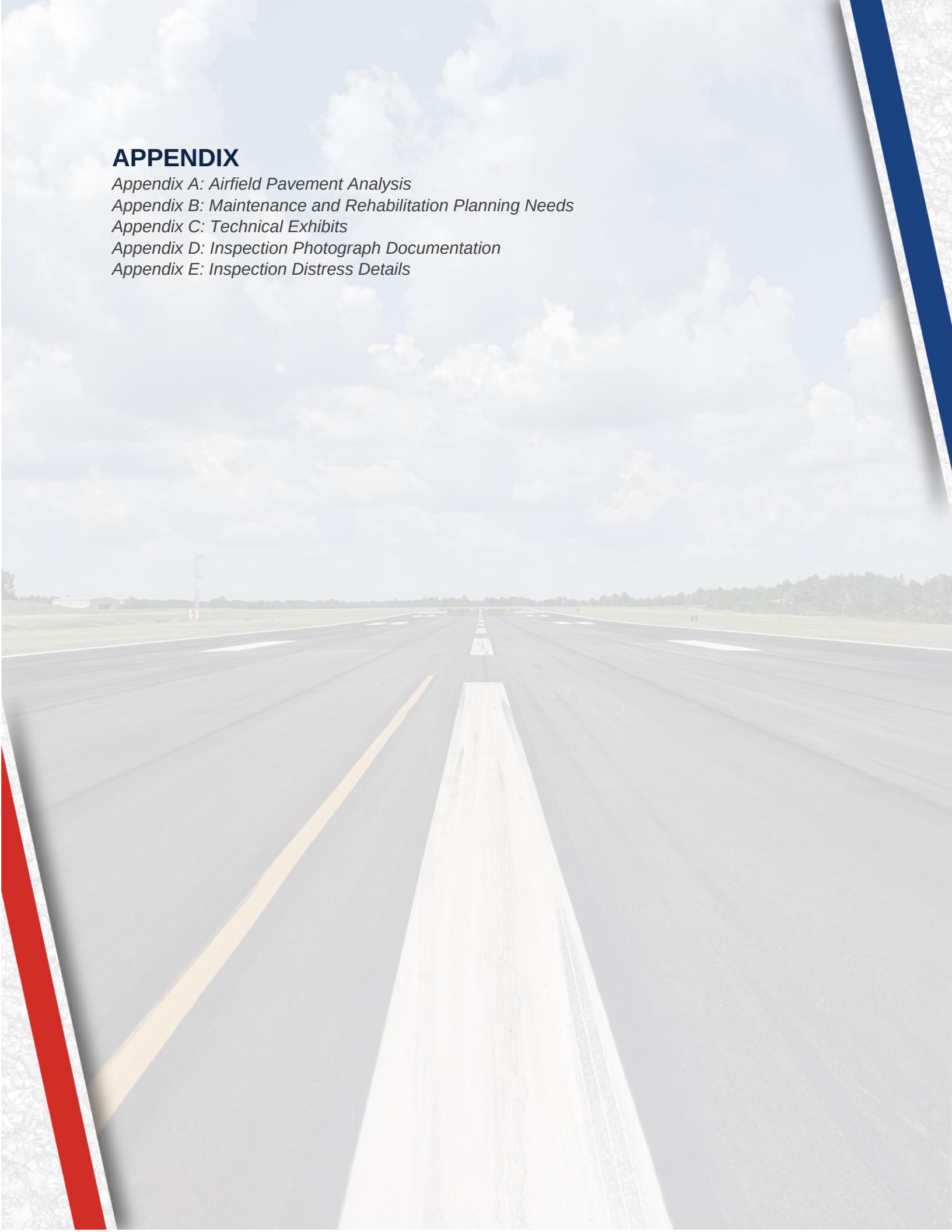

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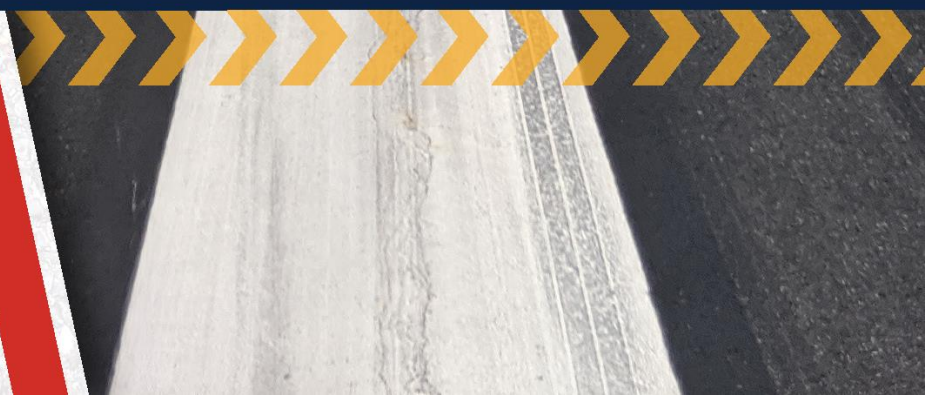


Executive Summary

Program Background

The FDOT Aviation Office (AO) has a mission to provide a safe and secure air transportation system that ensures the mobility of people and goods, enhances economic prosperity, and preserves the quality of our environment and communities. As part of ongoing efforts in fulfilling this mission, the Aviation Office is executing a System Update to the Statewide Airfield Pavement Management Program (SAPMP). The scope of the SAPMP encompasses 95 public-use airport facilities distributed throughout the seven (7) participating FDOT Districts. Punta Gorda Airport's System Update results are presented in this report and can be utilized by FDOT and the Federal Aviation Administration (FAA) to identify, prioritize, and schedule pavement maintenance, repair, and major rehabilitation projects.

Pavement condition was assessed utilizing the pavement condition index (PCI) methodology as defined in FAA Advisory Circular 150/5380-7B "Airport Pavement Management Program (PMP)" using the procedures documented in ASTM D5340-20 **"**Standard Test Method for Airport Pavement Condition Index Surveys".

The PCI methodology provides a means for systematically assessing pavement condition and provides an indication of the degree of maintenance, repair, rehabilitation, or reconstruction efforts required to sustain functional pavement conditions. Pavement deterioration, in accordance with ASTM D5340-20, is characterized in terms of distinct distress types, distress severity levels, and quantity of distress. This information is utilized to calculate a PCI value ranging from 0 to 100, which provides an indication of the overall condition of the pavement, with "100" indicating a pavement in new condition and "0" indicating a failed pavement section. This is graphically depicted in **Figure E.1**.

Figure E.1: PCI Rating

Color	Range	Condition Rating
	86-100	Good
	71-85	Satisfactory
	56-70	Fair
	41-55	Poor
	26-40	Very Poor
	11-25	Serious
	0-10	Failed

Current Pavement Conditions

In June 2022, approximately 5.6 million square feet of pavement was assessed as part of the airside pavement network PCI survey at Punta Gorda Airport (PGD). In general, airfield pavements at PGD are in Satisfactory condition with an area-weighted PCI of 83. The area-weighted average PCI values of the runways, taxiways, taxilanes, and aprons are 100, 65, 76, and 78, respectively. **Figure E.2** and **Table E.1** summarize the current PCI values for PGD.

Figure E.2: Current Condition Summary – Branch-Level

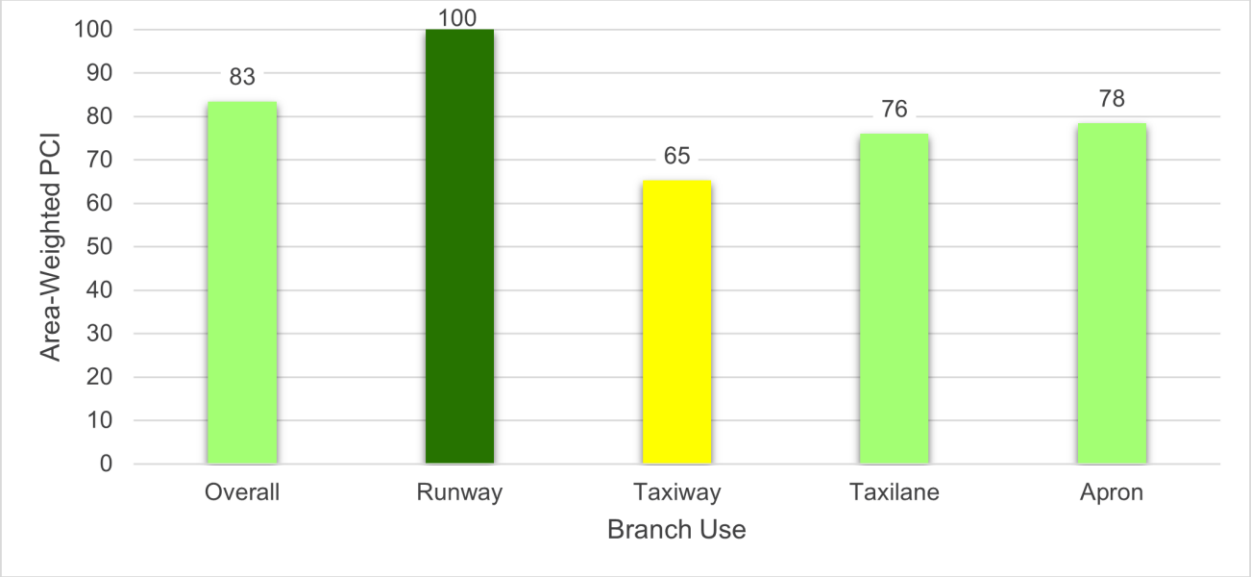


Table E.1: Pavement Condition Index Summary (Current PCI Survey) – Section Level

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	PCI	Condition Rating
PGD	RW 4-22	Runway	6105	431,700	100	Good
PGD	RW 4-22	Runway	6110	446,940	100	Good
PGD	RW 4-22	Runway	6120	129,780	100	Good
PGD	RW 4-22	Runway	6130	42,030	100	Good
PGD	RW 4-22	Runway	6140	28,800	100	Good
PGD	RW 9-27	Runway	6305	158,160	100	Good
PGD	RW 15-33	Runway	6210	249,444	100	Good
PGD	RW 15-33	Runway	6215	498,888	100	Good
PGD	RW 15-33	Runway	6220	26,644	100	Good
PGD	RW 15-33	Runway	6225	53,287	100	Good
PGD	RW 15-33	Runway	6230	29,550	100	Good
PGD	RW 15-33	Runway	6235	59,100	100	Good
PGD	TW A	Taxiway	125	20,593	100	Good
PGD	TW A	Taxiway	320	162,031	84	Satisfactory
PGD	TW A	Taxiway	330	271,000	39	Very Poor
PGD	TW A2	Taxiway	365	38,414	61	Fair
PGD	TW C	Taxiway	305	48,969	46	Poor

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	PCI	Condition Rating
PGD	TW C	Taxiway	310	158,559	54	Poor
PGD	TW C	Taxiway	315	23,546	86	Good
PGD	TW D	Taxiway	105	69,571	100	Good
PGD	TW D	Taxiway	115	211,450	48	Poor
PGD	TW D	Taxiway	120	43,181	54	Poor
PGD	TW D	Taxiway	155	4,146	59	Fair
PGD	TW E	Taxiway	510	26,501	100	Good
PGD	TW E	Taxiway	520	99,925	100	Good
PGD	TW E1	Taxiway	550	18,357	100	Good
PGD	TW E2	Taxiway	560	4,005	57	Fair
PGD	TW E2	Taxiway	565	3,627	100	Good
PGD	TW E3	Taxiway	570	13,758	100	Good
PGD	TW F	Taxiway	1105	50,341	57	Fair
PGD	TW H	Taxiway	805	65,942	100	Good
PGD	TL GA	Taxilane	3305	98,086	100	Good
PGD	TL N HANG	Taxilane	3505	79,013	71	Satisfactory
PGD	TL N HANG	Taxilane	3510	35,068	81	Satisfactory
PGD	TL N HANG	Taxilane	3515	19,242	78	Satisfactory
PGD	TL W HANG	Taxilane	3405	22,295	61	Fair
PGD	TL W HANG	Taxilane	3410	15,629	57	Fair
PGD	TL W HANG	Taxilane	3415	7,080	73	Satisfactory
PGD	TL W HANG	Taxilane	3420	45,846	61	Fair
PGD	TL W HANG	Taxilane	3425	27,208	60	Fair
PGD	TL W HANG	Taxilane	3430	14,668	67	Fair
PGD	TL W HANG	Taxilane	3435	5,687	29	Very Poor
PGD	AP FUEL	Apron	4405	7,333	100	Good
PGD	AP FUEL	Apron	4410	7,990	100	Good
PGD	AP GA	Apron	4505	11,231	100	Good
PGD	AP GA	Apron	4510	516,802	100	Good
PGD	AP S	Apron	4105	192,015	48	Poor
PGD	AP S	Apron	4110	3,508	54	Poor
PGD	AP TERM	Apron	4205	278,175	82	Satisfactory
PGD	AP TERM	Apron	4206	194,550	76	Satisfactory
PGD	AP TERM	Apron	4208	10,625	61	Fair
PGD	AP TERM	Apron	4210	14,657	82	Satisfactory
PGD	AP TERM	Apron	4215	32,858	70	Fair
PGD	AP TERM	Apron	4220	31,145	75	Satisfactory
PGD	AP TERM	Apron	4225	102,541	95	Good
PGD	AP TERM	Apron	4230	30,430	88	Good
PGD	AP TERM	Apron	4235	2,534	70	Fair
PGD	AP TERM	Apron	4240	10,800	68	Fair
PGD	AP TERM	Apron	4245	3,675	61	Fair
PGD	AP TERM	Apron	4250	3,304	60	Fair
PGD	AP W	Apron	4305	206,301	51	Poor
PGD	AP W	Apron	4320	82,914	55	Poor

Forecasted Pavement Conditions

Table E.2 provides section-level details for PCI forecasts. Pavement condition forecasts should be used for planning purposes only, as the actual condition of sections is subject to sensitivities in changes of traffic and maintenance frequency.

The estimation of forecasted PCI values gives no assurance of future pavement conditions as PCI values represent an engineering estimation to be used as a planning tool. Forecasted PCI data should not be the sole metric for determining the year in which a project should be planned. Design-level planning should be undertaken by the responsible engineer prior to the development of airfield design plans.

Table E.2: Forecasted PCI Values 2023-2032 – Section-Level

Network ID	Branch ID	Section ID	Current PCI	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PGD	RW 4-22	6105	100	99	98	96	95	93	92	90	89	87	86
PGD	RW 4-22	6110	100	99	97	95	93	91	89	87	85	83	81
PGD	RW 4-22	6120	100	99	97	95	93	91	89	87	85	83	81
PGD	RW 4-22	6130	100	99	97	95	93	91	89	87	85	83	81
PGD	RW 4-22	6140	100	99	97	95	93	91	89	87	85	83	81
PGD	RW 9-27	6305	100	99	97	95	93	91	89	87	86	84	82
PGD	RW 15-33	6210	100	95	93	91	89	87	85	83	81	79	77
PGD	RW 15-33	6215	100	95	93	91	89	87	85	83	81	79	77
PGD	RW 15-33	6220	100	95	93	91	89	87	85	83	81	79	77
PGD	RW 15-33	6225	100	95	93	91	89	87	85	83	81	79	77
PGD	RW 15-33	6230	100	96	95	93	92	90	89	87	86	84	83
PGD	RW 15-33	6235	100	96	95	93	92	90	89	87	86	84	83
PGD	TW A	125	100	94	92	90	88	86	84	83	81	79	78
PGD	TW A	320	84	82	81	79	78	76	75	74	72	71	70
PGD	TW A	330	39	37	35	33	31	28	25	22	18	14	10
PGD	TW A2	365	61	60	59	58	57	56	55	54	53	53	52
PGD	TW C	305	46	45	44	43	42	40	39	37	35	33	31
PGD	TW C	310	54	53	53	52	51	51	50	50	49	48	48
PGD	TW C	315	86	84	81	79	77	75	73	71	70	68	66
PGD	TW D	105	100	94	92	90	88	86	84	83	81	79	78
PGD	TW D	115	48	47	47	46	45	44	43	41	40	38	36
PGD	TW D	120	54	53	53	52	51	51	50	50	49	48	48
PGD	TW D	155	59	58	57	56	55	54	54	53	52	52	51
PGD	TW E	510	100	94	92	90	88	86	84	83	81	79	78
PGD	TW E	520	100	97	94	92	90	88	86	85	83	81	80
PGD	TW E1	550	100	97	94	92	90	88	86	85	83	81	80
PGD	TW E2	560	57	56	55	54	54	53	52	51	50	49	47
PGD	TW E2	565	100	97	94	92	90	88	86	85	83	81	80
PGD	TW E3	570	100	97	94	92	90	88	86	85	83	81	80
PGD	TW F	1105	57	56	55	54	54	53	52	51	50	49	47
PGD	TW H	805	100	94	92	90	88	86	84	83	81	79	78
PGD	TL GA	3305	100	98	95	93	91	89	87	85	84	82	81

Network ID	Branch ID	Section ID	Current PCI	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PGD	TL N HANG	3505	71	70	69	68	67	66	65	64	63	62	61
PGD	TL N HANG	3510	81	79	78	77	75	74	73	72	70	69	68
PGD	TL N HANG	3515	78	77	75	74	73	72	70	69	68	67	66
PGD	TL W HANG	3405	61	60	59	59	58	57	56	55	54	53	52
PGD	TL W HANG	3410	57	56	55	54	54	53	52	51	50	49	47
PGD	TL W HANG	3415	73	72	71	70	68	67	66	66	65	64	63
PGD	TL W HANG	3420	61	60	59	59	58	57	56	55	54	53	52
PGD	TL W HANG	3425	60	59	58	58	57	56	55	54	53	52	51
PGD	TL W HANG	3430	67	66	65	64	63	62	62	61	60	59	58
PGD	TL W HANG	3435	29	27	25	23	21	19	17	15	13	11	9
PGD	AP FUEL	4405	100	99	97	96	95	94	93	92	91	90	89
PGD	AP FUEL	4410	100	98	97	95	93	92	90	88	87	85	83
PGD	AP GA	4505	100	99	97	96	95	94	93	92	91	90	89
PGD	AP GA	4510	100	98	97	95	93	92	90	88	87	85	83
PGD	AP S	4105	48	46	45	43	41	40	38	36	35	33	31
PGD	AP S	4110	54	52	51	49	47	46	44	42	41	39	37
PGD	AP TERM	4205	82	81	81	80	80	79	79	78	78	77	77
PGD	AP TERM	4206	76	74	73	71	69	68	66	64	63	61	59
PGD	AP TERM	4208	61	60	58	57	56	54	53	51	50	48	46
PGD	AP TERM	4210	82	80	79	77	75	74	72	70	69	67	65
PGD	AP TERM	4215	70	68	67	65	63	62	60	58	57	55	53
PGD	AP TERM	4220	75	73	72	70	68	67	65	63	62	60	58
PGD	AP TERM	4225	95	94	93	92	91	90	89	88	87	87	86
PGD	AP TERM	4230	88	86	85	83	81	80	78	76	75	73	71
PGD	AP TERM	4235	70	68	66	65	63	62	60	59	57	56	55
PGD	AP TERM	4240	68	66	65	63	61	60	58	56	55	53	51
PGD	AP TERM	4245	61	60	58	57	55	54	52	51	50	48	47
PGD	AP TERM	4250	60	58	57	55	53	52	50	48	47	45	43
PGD	AP W	4305	51	49	48	46	44	43	41	39	38	36	34
PGD	AP W	4320	55	53	52	50	48	47	45	43	42	40	38

Major Rehabilitation Planning 2023-2032

Localized maintenance and repair policies identified within this report are categorized as preventive or stopgap based on FDOT SAPMP and FAA maintenance policies and recommendations. Major rehabilitation is identified within the FDOT SAPMP as a major construction activity that results in a reset of a pavement section's PCI to a value of 100. Major rehabilitation activities can include mill and Asphalt Concrete (AC) overlay, Portland cement concrete (PCC) pavement repair and slab replacement, and full-depth reconstruction. It is recommended that the Airport use this report as a planning tool for future project development and prioritization. Localized maintenance, repair, and major rehabilitation recommendations should be considered as planning-level only. Final localized maintenance, repair, and major rehabilitation recommendations are subject to change based on Airport prioritization and further design-level evaluations.

Due to FAA Order 5100.38D Change 1 Airport Improvement Program (AIP) Handbook (February 26, 2019), a substantial update to the FDOT SAPMP policy on identifying major rehabilitation work has been incorporated in this System Update. In previous System Updates, major rehabilitation had been identified for pavement sections below a PCI Value of 65; however, based on the thresholds identified by the FAA in the AIP Handbook, major rehabilitation will now be identified for pavement sections below a PCI value of 70.

The results of the maintenance, repair, and major rehabilitation analysis identified approximately $48.21M in major rehabilitation needs for the 10-year forecast period. Year 1 major needs are $42.62M and localized maintenance needs for Year 1 are $0.34M.

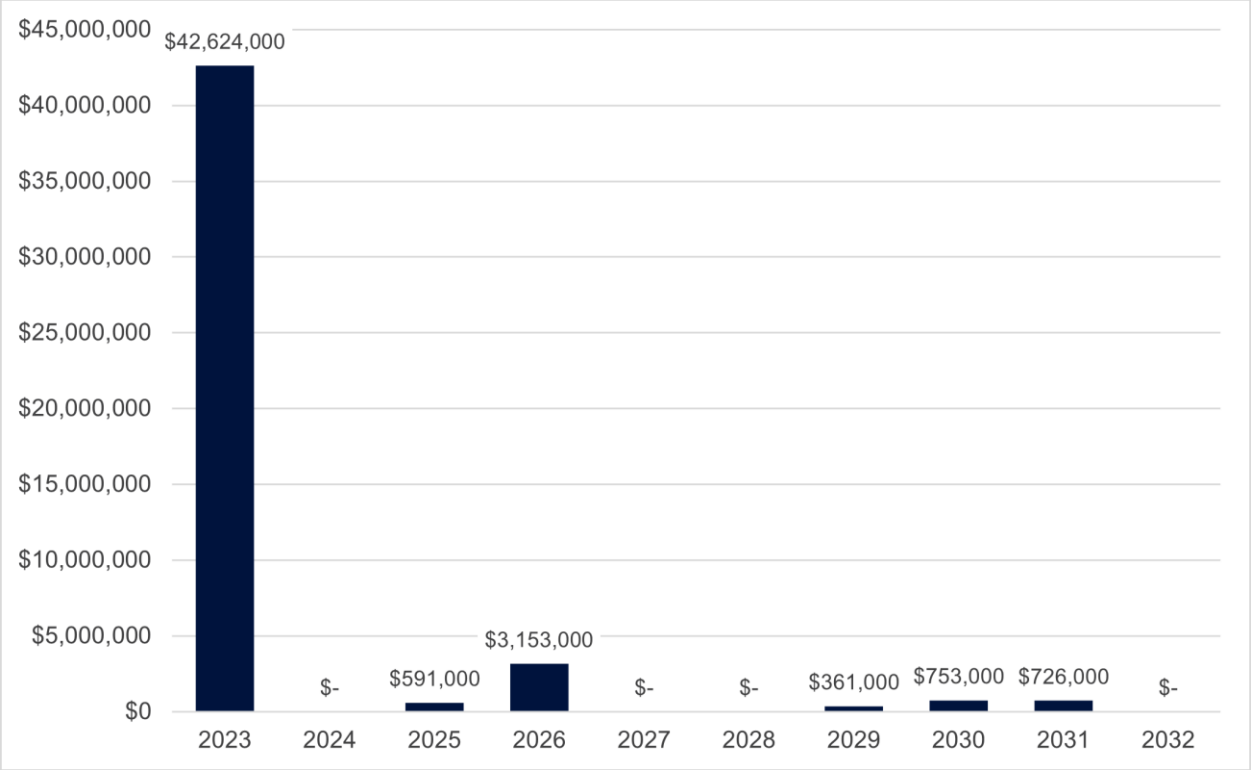
Table E.3: Major Rehabilitation Planning 2023-2032

Program Year	Network ID	Branch ID	Section ID	Surface	Area (SF)	PCI Before	Rehabilitation Type	Planning Cost Estimate
2023	PGD	TW A	330	AAC	271,000	37	AC Reconstruction	$ 8,266,000
2023	PGD	TW A2	365	AAC	38,414	60	AC Rehabilitation	$ 538,000
2023	PGD	TW C	305	AAC	48,969	45	AC Reconstruction	$ 1,494,000
2023	PGD	TW C	310	AAC	158,559	53	AC Reconstruction	$ 4,837,000
2023	PGD	TW D	115	AAC	211,450	47	AC Reconstruction	$ 6,450,000
2023	PGD	TW D	120	AAC	43,181	53	AC Reconstruction	$ 1,318,000
2023	PGD	TW D	155	AAC	4,146	58	AC Rehabilitation	$ 59,000
2023	PGD	TW E2	560	AC	4,005	56	AC Rehabilitation	$ 57,000
2023	PGD	TW F	1105	AC	50,341	56	AC Rehabilitation	$ 705,000
2023	PGD	TL N HANG	3505	AC	79,013	70	AC Rehabilitation	$ 1,107,000
2023	PGD	TL W HANG	3405	AC	22,295	60	AC Rehabilitation	$ 313,000
2023	PGD	TL W HANG	3410	AC	15,629	56	AC Rehabilitation	$ 219,000
2023	PGD	TL W HANG	3420	AC	45,846	60	AC Rehabilitation	$ 642,000
2023	PGD	TL W HANG	3425	AC	27,208	59	AC Rehabilitation	$ 381,000
2023	PGD	TL W HANG	3430	AC	14,668	66	AC Rehabilitation	$ 206,000
2023	PGD	TL W HANG	3435	AC	5,687	27	AC Reconstruction	$ 174,000
2023	PGD	AP S	4105	AC	192,015	46	AC Reconstruction	$ 5,857,000
2023	PGD	AP S	4110	AC	3,508	52	AC Reconstruction	$ 107,000
2023	PGD	AP TERM	4208	PCC	10,625	60	PCC Rehabilitation	$ 325,000

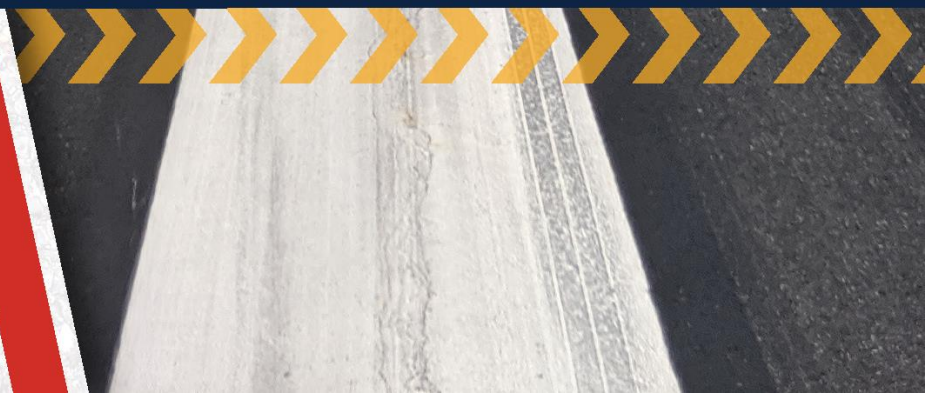
Program Year	Network ID	Branch ID	Section ID	Surface	Area (SF)	PCI Before	Rehabilitation Type	Planning Cost Estimate
2023	**PGD**	AP TERM	4215	AC	32,858	68	AC Rehabilitation	$ 460,000
2023	**PGD**	AP TERM	4235	AAC	2,534	68	AC Rehabilitation	$ 36,000
2023	**PGD**	AP TERM	4240	AC	10,800	66	AC Rehabilitation	$ 152,000
2023	**PGD**	AP TERM	4245	AAC	3,675	60	AC Rehabilitation	$ 52,000
2023	**PGD**	AP TERM	4250	AC	3,304	58	AC Rehabilitation	$ 47,000
2023	**PGD**	AP W	4305	AC	206,301	49	AC Reconstruction	$ 6,293,000
2023	**PGD**	AP W	4320	AC	82,914	53	AC Reconstruction	$ 2,529,000
2025	**PGD**	TL W HANG	3415	AC	7,080	70	AC Rehabilitation	$ 110,000
2025	**PGD**	AP TERM	4220	AC	31,145	70	AC Rehabilitation	$ 481,000
2026	**PGD**	AP TERM	4206	AC	194,550	69	AC Rehabilitation	$ 3,153,000
2029	**PGD**	TL N HANG	3515	AC	19,242	69	AC Rehabilitation	$ 361,000
2030	**PGD**	TW C	315	AAC	23,546	70	AC Rehabilitation	$ 464,000
2030	**PGD**	AP TERM	4210	AC	14,657	69	AC Rehabilitation	$ 289,000
2031	**PGD**	TL N HANG	3510	AC	35,068	69	AC Rehabilitation	$ 726,000

**All planning cost values have been rounded up to the nearest thousand dollars.*

Figure E.3: 10-Year Major Rehabilitation Needs by Program Year



Chapter 1: Introduction



Chapter 1 – Introduction

The State of Florida has 128 public airports, 100 of which are recognized as part of the Federal Aviation Administration's (FAA) National Plan of Integrated Airport Systems (NPIAS). These public-use airports are vital to Florida's economy as well as the economy of the United States. The Florida Airport System (FAS) provides opportunities for the State to capitalize on an increasingly global marketplace. Florida's system of commercial service and general aviation airports are important to businesses throughout the State as air travel is essential to tourism, Florida's most prominent industry.

1.1 Background

In 1992, the Florida Department of Transportation (FDOT) established the Statewide Airfield Pavement Management Program (SAPMP) to provide program managers, District Aviation Offices, and Airport operators with a system to proactively manage airfield pavement infrastructure within the FAS. The SAPMP includes network-level Pavement Condition Index (PCI) surveys for Airport facilities that are categorized as General Aviation (GA), Reliever (RL), and Primary/Commercial (PR). Currently, the SAPMP includes 95 participating public-use airports with pavement facilities and provides its users with comprehensive data to better manage their pavement assets.

There are millions of square feet of pavement infrastructure at airports across a network of runways, taxiways, aprons, and other areas. This pavement infrastructure is vital to the support and safety of aircraft operations. Timely maintenance, repair, and major rehabilitation of pavement infrastructure allows the Airport to operate safely, efficiently, and economically without excessive down time.

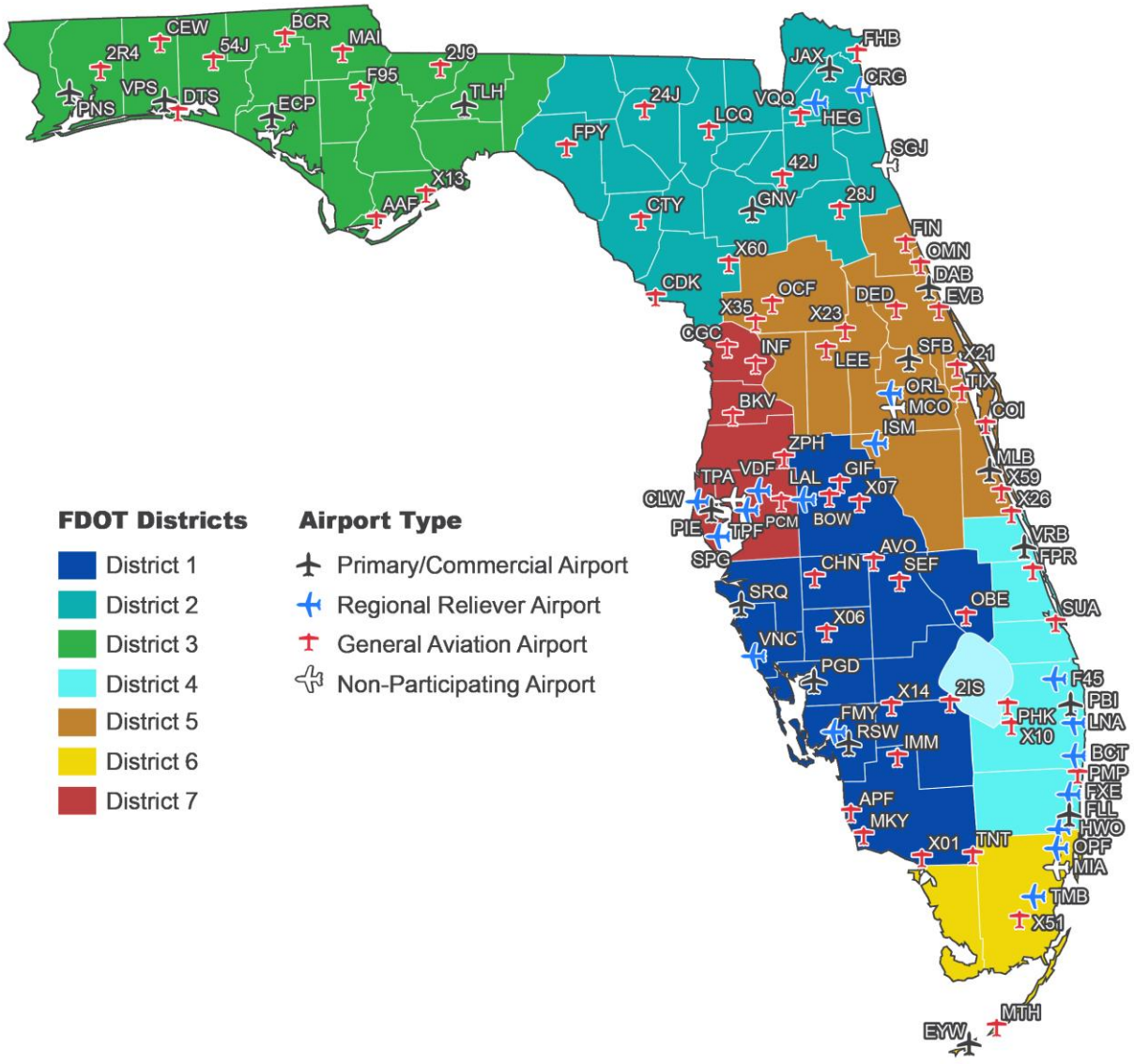
Airports participating in the Airport Improvement Program (AIP) Grant Program are required by the FAA to develop and implement a pavement maintenance program in order to be eligible for funding, per FAA Advisory Circulars 150/5380-6C "Guidelines and Procedures for Maintenance of Airport Pavements" and 150/5380-7B "Airport Pavement Management Program (PMP)". The AIP program requires detailed assessments of airfield pavements at least once a year for a pavement management program. The frequency of the detailed inspections may be extended to every three years if the pavement is assessed according to the PCI survey procedure described in ASTM D5340-20 "Standard Test Method for Airport Pavement Condition Index Surveys".

In general, adherence to the FAA Advisory Circulars is mandatory for projects funded with federal grant monies through the AIP program and with revenue from the Passenger Facilities Charges (PFC) Program. Further information is detailed in FAA Grant Assurance No. 11 "Pavement Maintenance," No. 34 "Policies, Standards, and Specifications," and PFC Assurance No. 9 "Standards and Specifications." The FDOT performs the SAPMP System Updates for the benefit of participating public-use and publicly-owned airports through the Aviation Office (AO).

The SAPMP addresses the requirements of maintaining an effective pavement management program for participating airports at the network level. Network-level management of pavement assets provides insight for short-term and long-term budget needs, understanding of the overall condition of the network (current and future), and knowledge of the pavement facilities that are

under consideration for projects. A network-level evaluation can support the identification of maintenance, repair, and major rehabilitation needs and budgetary planning-level opinions of probable construction costs.

Figure 1.1: Florida Aviation System (Facilities with Pavement) and FDOT Districts



1.2 Stakeholders

The SAPMP is performed for the benefit of the stakeholders. The table below outlines the primary stakeholders of the FDOT SAPMP and their role in the program.

Table 1.2: FDOT SAPMP Stakeholders

Role	Description
FAA Orlando Airports District Office (Orlando ADO)	Key Stakeholder: local ADO Program Manager personnel that oversees the grant administration of AIP grant with Planning Agency Sponsor (Florida Department of Transportation).
Florida Department of Transportation (FDOT)	Key Stakeholder: the FDOT is the "Sponsor" for the AIP grant agreement. Specifically, the Aviation Office (AO) provides development and operations support for the Florida Airport System.
FDOT District Offices	The seven (7) FDOT District Offices, specifically the Aviation representatives, provide essential support to the SAPMP System Update and the AO Program Manager (AO-PM). Each District supports the SAPMP's ongoing efforts by providing local construction cost information throughout the State, which is used as the basis of development for maintenance, repair, and major rehabilitation opinions of probable construction costs for planning purposes.
Participating Public-Use and Publicly-Owned Airports	The airports are the end-user and primary beneficiary of the SAPMP. The SAPMP provides a specific Airport Pavement Evaluation Report that meets the requirements of the FAA AC 150/5380-7B. Individual participating airports are provided a final Airport Pavement Evaluation Report by the Consultant that is specific to each airport's airfield PCI assessment.
Aviation Office Program Manager (AO-PM)	FDOT AO Airport Engineering Manager: oversees and manages the overall Program System Update.

1.3 General Scope of Work

The SAPMP is limited to performing tasks in adherence to the key elements of an effective pavement management program on a statewide level. The primary tasks undertaken to update the FDOT SAPMP include, but are not limited to:

- Research and evaluation of existing record documentation;
- Establishment of a pavement system inventory;
- Development of a pavement network definition map and supplemental GIS model;
- Functional pavement evaluations via the PCI assessment method;
- Customization of PAVER™ software including prioritization, policies, and performance models;
- Analysis of condition data; and
- Maintenance, repair, and rehabilitation planning.

1.4 FDOT SAPMP Objectives

The SAPMP enables the FDOT AO and FAA to monitor pavement conditions at airports in the Florida Airport System. The SAPMP provides objective condition information needed to make informed decisions regarding the significant capital investment that the public-use airport pavement infrastructure represents.

Airport staff are responsible for making decisions regarding the timing and type of maintenance and rehabilitation activities that should be completed in order to maintain an acceptable operational condition and adequate load-carrying capacity. Utilizing the SAPMP will help Airport staff better understand the relative condition of their pavement facilities and when those facilities should be rehabilitated. The data collected from the SAPMP can be used for project programming for the next 10 years. This report summarizes the data collection, analysis, program update, and implementation of the FDOT SAPMP.

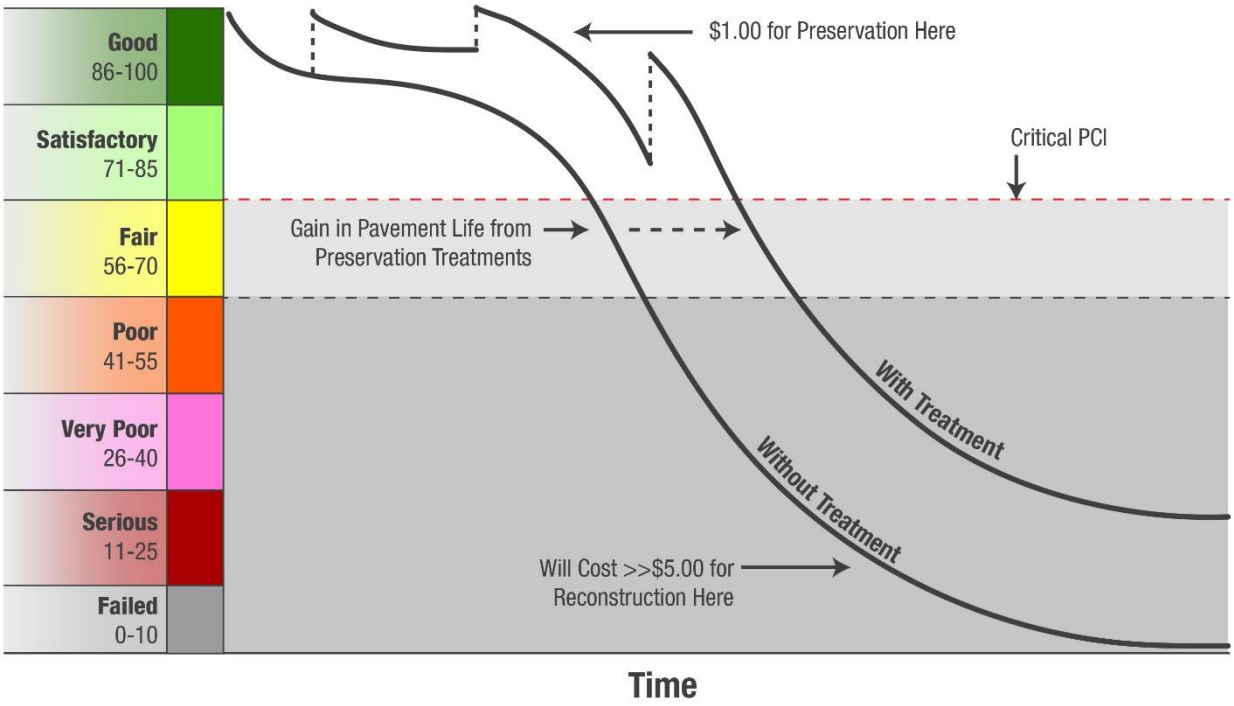
A comprehensive SAPMP provides information that assists with the project programming process. The primary objectives of the FDOT SAPMP consist of the following:

- Assist airports in meeting the requirements of Public Law 103-305;
- Assist airports in complying with FAA Grant Assurances 11 and 19;
- Provide airports with functional pavement condition in accordance with ASTM D5340-20 (current) and with the FAA AC 150/5380-7B (current) based on visual assessment efforts;
- Provide airports with planning-level guidance on maintenance, repair, and rehabilitation in accordance with the FAA AC 150/5380-6C (current) based on pavement conditions and distress data in terms of type, severity, and extent; and
- Provide airports, FDOT Districts, FDOT AO, and the FAA Airports District Office with long-term, planning-level forecasts of pavement performance and rehabilitation budgetary needs (e.g., maintenance, repair, and major reconstruction) through reports.

From a pavement management perspective, one of the most valuable aspects of the PCI methodology is the ability to save money by effectively prioritizing the rehabilitation of pavement assets before they reach critical condition. Critical PCI values are assigned to deterioration models for pavement assets based on their respective use and rank. The concept of critical PCI will be further discussed in **Chapter 5**, but it is used as a benchmark to help identify pavement assets that should receive rehabilitation. In doing so, the PCI methodology can help create a proactive maintenance and rehabilitation (M&R) strategy to effectively address pavement projects before the cost of these projects increases significantly.

With M&R costs escalating over time, the consequences of inadequate maintenance practices can result in an inefficient allocation of funding. If maintenance is conducted before a significant decline in pavement condition occurs, substantial repair and/or rehabilitation costs may be avoided or delayed. **Figure 1.4** illustrates how the cost of pavement repairs can significantly increase if M&R activities are delayed.

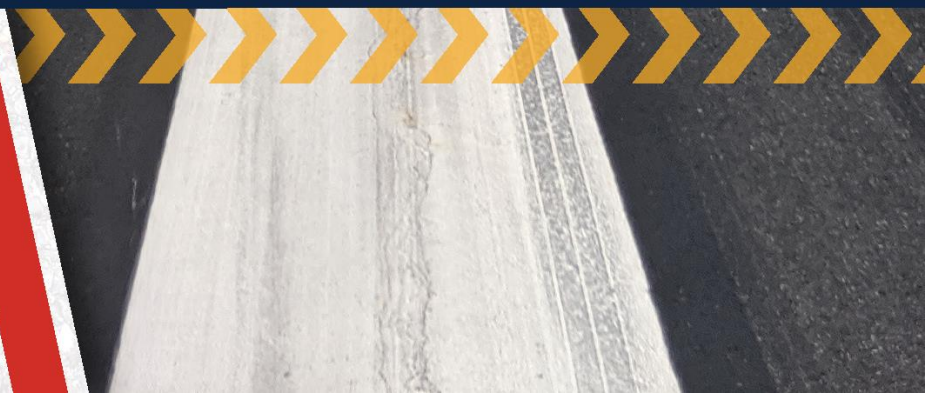
Figure 1.4: Pavement Life and the Effect of Treatments



FAA Eligibilty Thresholds: ☐ **>70:** Routine Maintenance ☐ **55-70:** Rehabilitation Eligible ☐ **<55:** Reconstruction Eligible

**Figure is for conceptual purposes only – unit costs are not specific to airfield pavements*

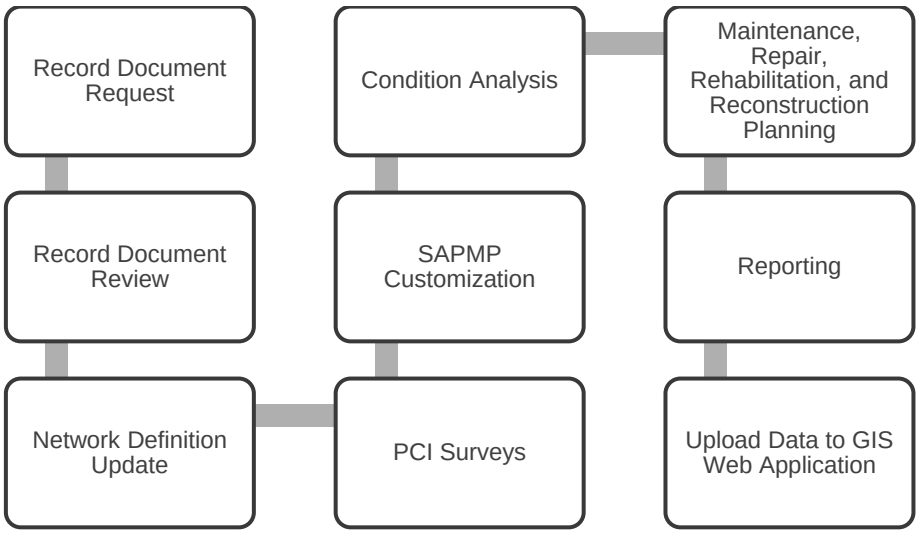
Chapter 2: Methodology



Chapter 2 – Methodology

An effective pavement management program incorporates both the regular collection of pavement condition information and communication of information to appropriate sponsors. This chapter of the report defines the specific methods utilized as part of the SAPMP System Update to meet the requirements of an effective pavement management system as defined by the FAA AC 150/5380-7B. **Figure 2** summarizes the overall process for the FDOT SAPMP.

Figure 2: FDOT SAPMP General Process



2.1 Airfield Pavement Database

This SAPMP utilizes PAVER™ 7.0 software as its airfield pavement database. The PAVER™ software application was developed by the U.S. Army Construction Engineering Research Laboratory and sponsored by the FAA, Federal Highway Administration, U.S. Army, U.S. Air Force, and U.S. Navy to meet the objectives of an effective pavement management system. The PAVER™ database includes a network-level inventory of the participating airport's eligible airfield pavement facilities. PAVER™ can achieve the following pavement management objectives:

- Create a manageable inventory system;
- Analyze the current condition of pavements in accordance with ASTM D5340-20;
- Develop pavement performance models to forecast conditions; and
- Generate maintenance, repair, and major rehabilitation recommendations based on budgetary scenarios.

PAVER™ inventory management is based on a tiered organizational structure consisting of networks, branches, sections, and samples, with the sample being the smallest unit of management. Critical elements of an effective pavement management program are maintained within the network-level PAVER™ database and typically consist of pavement inventory

characteristics, pavement structure, work history, historic condition records, and analytical customization.

2.2 Airfield Pavement Record Keeping (Historical Records Research)

In accordance with the FAA AC 150/5380-7B, it is a best practice that airports maintain records of all airfield construction and maintenance (routine, emergency, and proactive) related to the pavement facilities. These records should consist of:

- Location and limits of work;
- Types and severities of repaired distresses;
- Work type and cost; and
- Supporting documents (e.g., contract documents, construction drawings, specifications, bid tabulations, repair products, and photograph records).

As part of the SAPMP, participating airport's staff was asked to provide documentation regarding the historical work performed at the Airport, including construction drawings and bid tabulations. This information is used to identify location, limits, type of work, pavement cross-sections, and representative material costs.

Updated historical data collected during this task was entered into the PAVER™ database. This database includes the following fields for historical information:

- Date of last construction/rehabilitation
- Work type performed
- Comments for documenting pavement cross-section
- Pavement surface type
- Section area (limits of work)

The SAPMP PAVER™ database accuracy is limited to the record documentation provided by the participating airports. Airport Sponsors should rely on this information as a planning tool and defer to final as-built plans, record drawings, and/or engineer's construction report for pavement construction records.

2.3 Airfield Pavement Structure

A pavement is a prepared surface designed to provide a continuous, smooth ride at a certain speed and to support an estimated amount of traffic for a certain number of years. A pavement structure is composed of constructed layers consisting of subgrade, subbase, base, structural, and surface courses. For the FDOT SAPMP, two (2) predominant pavement types are classified for evaluation and analysis: Asphalt Concrete (AC) and Portland cement concrete (PCC). Composite Structures, known as Whitetopping Pavements consisting of PCC on AC, are also present at limited airports in Florida and are evaluated separately.

2.3.1 Asphalt Concrete

Asphalt concrete is a pavement comprised of aggregate mixture with an asphalt cement binder. The FDOT SAPMP categorizes three (3) Asphalt Concrete surface types: Asphalt Concrete (AC), Asphalt Concrete overlaid on Asphalt Concrete (AAC), and Asphalt Concrete overlaid on Portland cement concrete (APC).

Asphalt Concrete (AC)

A flexible pavement section consisting of aggregate mixture with asphalt cement binder layered on engineered base course material that is layered on subbase and subgrade soil material.

Asphalt Concrete Overlaid on Asphalt Concrete (AAC)

A flexible pavement section consisting of aggregate mixture with asphalt cement binder layered on an existing flexible AC pavement section. Airfield pavement sections are considered to be AAC when a pavement rehabilitation includes a pavement milling and resurfacing operation or a direct overlay of Asphalt Concrete without surface preparation.

Asphalt Concrete Overlaid on Portland Cement Concrete (APC)

A flexible pavement section consisting of aggregate mixture with asphalt cement binder layered on an existing PCC pavement section. This unique pavement composition may result in distinct pavement distress manifestations known as reflective joint cracking.

2.3.2 Portland Cement Concrete

Portland cement concrete is a pavement comprised of aggregate mixture with a Portland cement binder. The FDOT SAPMP categorizes Portland cement concrete (PCC) as the primary rigid pavement section.

Portland Cement Concrete (PCC)

A rigid pavement section composed of Portland cement concrete placed on a granular or treated base course that is supported on a compacted subgrade. The concrete surface provides a texture of nonskid qualities, prevents the infiltration of surface water into the subgrade, and provides structural support for airplane loading. Rigid pavement construction requires the layout of appropriately designed joints. Concrete overlays built in accordance with the FAA Advisory Circular 150/5320-6F “Airport Pavement Design and Evaluation” are recognized as PCC pavement.

2.3.3 Composite Structure – Whitetopping Pavement

Whitetopping pavement is a composite pavement comprised of relatively thin PCC overlaid on an existing AC pavement structure. There are three (3) types of Whitetopping Pavements: Conventional (WT), Thin (TWT), and Ultra-Thin (UWT).

Conventional Whitetopping (WT)

A composite pavement structure consisting of a modified PCC overlaid on an existing AC pavement section. The modified PCC layer is typically greater than 6 inches in thickness.

Thin Whitetopping (TWT)
A composite pavement structure consisting of modified PCC overlaid on an existing AC pavement section. The modified PCC layer is typically between 4 and 6 inches in thickness.

Ultra-Thin Whitetopping (UWT)
A composite pavement structure consisting of a modified PCC overlaid on an existing AC pavement section. The modified PCC layer is typically between 2 and 4 inches in thickness.

2.4 Airfield Pavement Traffic

A pavement section is typically designed to meet the needs of the user (airlines, air cargo, general aviation, and/or military) in providing a safe, smooth, operational surface. Pavement deterioration generally occurs gradually from aircraft loading and environmental conditions.

This System Update does not involve a study or analysis of PGD's aircraft fleet mix or traffic operations. However, it is strongly recommended that the Airport incorporate the requirements of the FAA AC 150/5320-6F when developing design-level rehabilitation activities; this AC provides guidance on incorporation of aircraft traffic fleet mix data.

2.5 Pavement Management Program Network Definition Terminology

To facilitate an effective pavement management program, a pavement network must be established and subdivided into smaller, manageable working units. Sectioning of the pavement network was established in a prior System Update and was revised during this SAPMP to account for work that has been performed on the airfield since the previous Update. Information from historic records is used to help define the limits of the smaller working units. A critical input for a pavement inventory and network definition is the date of last major construction or rehabilitation, as this type of work will reset the section PCI to a value of 100.

The following sections define the common terms used in pavement management systems and cover their application for this SAPMP System Update.

2.5.1 Pavement Network Identification

Establishing the pavement network is the first step in organizing pavements into a structure for pavement management. The network is the starting point of the hierarchy of pavement management organization. A network typically consists of one or more pavement *branches*, which have one or more pavement *sections*. For example, a network can be all the pavements within an Airport's airfield or all the pavements in a statewide program. For the FDOT SAPMP, a network represents an individual Airport's airfield pavement facilities maintained by the Airport.

2.5.2 Pavement Branch Identification

A pavement branch, also known as a facility, is a logical unit of generally identifiable pavement within a network that has a distinct functional classification. For example, within an airfield, each runway, taxiway, or apron is considered a branch. Each branch contains at least one section but may contain more if pavement feature characteristics are distinct throughout the branch.

2.5.3 Pavement Section Identification

A pavement section, or feature, is a subdivision of a branch and has consistent characteristics throughout its length or area. These characteristics include structural composition (pavement layer material type and thickness), construction history, age, traffic type, traffic frequency, and pavement condition. A section is the basic management unit of a pavement network and is the level at which maintenance, repair, or major rehabilitation treatments are considered.

2.5.4 Pavement Sample Unit Identification

A pavement sample unit is an arbitrarily defined subdivision of a pavement section that has a standard size range of 20 contiguous slabs (±8 slabs) for PCC pavement and 5,000 contiguous square feet (±2,000 SF) for AC. A sample unit is the smallest subdivision of a pavement network and is analyzed during field assessments to establish condition ratings.

2.5.5 Terminology Summary

Below is a summary table, **Table 2.5.5**, with definitions and examples of common SAPMP terminology.

Table 2.5.5: SAPMP Terminology

SAPMP Terminology	Common Definition	Airport Example
Network	Totality of pavement assets maintained by the Airport.	"Tallahassee International Airport – Airfield Pavements"
Branch Name	Commonly defined asset name as established by Airport and by use.	"Runway 18-36"
Branch ID	Codified shorthand name for commonly defined asset established for database identification.	"RW 18-36" RW, Branch Use, "Runway" "Runway 18-36", Runway Facility
Section ID	Codified identification for pavement asset that is distinct by pavement composition, work history, aircraft loading, or condition.	"6105"
Sample Unit	A numeric identification of an area of pavement (5,000 ± 2,000 SF of AC or 20 ± 8 slabs of PCC) that has been inspected in accordance with ASTM D5340-20.	"300"

2.6 Airfield PCI Survey Methodology

In adherence to the FAA AC 150/5380-7B, the FDOT SAPMP utilizes the PCI survey method to collect pavement distress data and analyze the condition. The PCI survey procedure is a visual statistical sampling of pavements for recording primary distress types (e.g., cracking and deformation), associated severities, and quantities as defined by the ASTM D5340-20. This effort is the primary means of obtaining and recording pavement distress data. The PCI survey consists primarily of visual assessments of pavement surfaces for signs of distress and deterioration resulting from loading (aircraft) and environmental influences.

Overall, a visual pavement condition survey provides an indication of the cause and rate of deterioration of a pavement section from a functional point of view and can help identify if any underlying structural deficiencies are present. Although a visual PCI survey does not predict the remaining structural life of a pavement section or its ability to support loads, it does assess the rating of the operational surface. Functional condition, determined by the PCI method, can provide a cost-effective means to plan for pavement rehabilitation projects. Timely application of pavement rehabilitation may lead to the extension of functional life of individual pavement sections. This method varies from structural evaluation; functional condition is limited to visually observed distresses and indicative modes of pavement deterioration. A formal structural evaluation analyzes subsurface conditions, material characteristics, and qualitative pavement structure attributes. A structural evaluation may consist of subsurface geotechnical exploration, falling weight deflectometer testing, petrographic testing, material coring, and/or flexural testing.

2.6.1 Pavement Distress Types

For each sample, the severity and quantity of defined distresses are recorded and then analyzed in accordance with the ASTM D5340-20 standard, which identifies 17 AC distress types and 16 PCC distress types. **Tables 2.6.1 (a)** and **2.6.1 (b)** identify these distresses and their common causes or mechanisms.

Table 2.6.1 (a): Pavement Distress Types – Asphalt Concrete

Distress Mechanism	Distress Type
Load	Alligator Cracking Rutting
Climate/Durability	Block Cracking Joint Reflection Cracking Longitudinal and Transverse Cracking (LT) Raveling Shoving Weathering
Construction/Material	Bleeding Corrugation Depression Polished Aggregate Slippage Cracking Swelling
Other	Jet Blast Erosion Oil Spillage Patching and Utility Cut Patching

Table 2.6.1 (b): Pavement Distress Types – Portland Cement Concrete

Distress Mechanism	Distress Type
Load	Corner Break Longitudinal, Transverse, and Diagonal Cracking (LTD) Pumping Shattered Slab/Intersecting Cracks
Climate/Durability	Blowup Durability "D" Cracking Joint Seal Damage Popouts
Construction/Material	Alkali Silica Reaction (ASR) Scaling Shrinkage Cracking
Other	Corner Spalling Joint Spalling Large Patching and Utility Cut Settlement or Faulting Small Patching

2.6.2 PCI Survey Procedures

PCI surveys are conducted on sample units defined in previous System Updates. Sample units are subject to change at the discretion of field personnel and/or to major pavement rehabilitation treatments. Furthermore, access to sample units based on accessibility or operational impacts may affect the overall sampling rate effort at each airport. **Tables 2.6.2 (a)** and **(b)** define the sampling criteria used by the FDOT SAPMP. A higher sampling rate may be utilized to achieve greater statistical confidence, should the Airport have the available resources to perform PCI survey independent of the FDOT SAPMP.

Table 2.6.2 (a): Recommended Sampling Rates for Asphalt Concrete

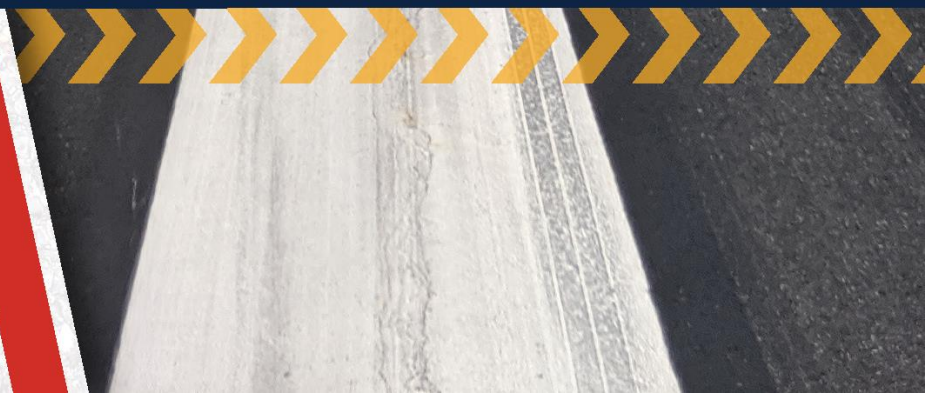
Number of Total Sample Units in Section	Runway Sampling Rate	Taxiways, Aprons, and Others Sampling Rate
1 - 4	1	1
5 - 10	2	1
11 - 15	3	2
16 - 30	5	3
31 - 40	7	4
41 - 50	8	5
51 or more	20% but ≤ 20	10% but ≤ 10

Table 2.6.2 (b): Recommended Sampling Rates for Portland Cement Concrete

Number of Total Sample Units in Section	Runway Sampling Rate	Taxiways, Aprons, and Others Sampling Rate
1 - 3	1	1
4 - 6	2	1
7 - 10	3	2
11 - 15	4	2
16 - 20	5	3
21 - 30	7	3
31 - 40	8	4
41 - 50	10	5
51 or more	20% but ≤ 20	10% but ≤ 10

The FDOT SAPMP is limited to select sample units for each section identified in each airport's Airfield Pavement Network Definition. The intent is to perform a limited amount of sample unit PCI surveys to reasonably reflect the functional condition. Due to the limited sampling criteria, there may be instances of pavement distress and deterioration outside of the inspected sample units that were not observed.

Chapter 3: Airfield Pavement System Inventory



Chapter 3 – Airfield Pavement System Inventory

This chapter discusses the inventory data collected from the Airport and summarizes network-level characteristics of the Airport's airfield pavements. At the start of each FDOT SAPMP System Update, all airports are asked to review the existing Airfield Pavement Network Definition Exhibit for accuracy. Furthermore, participating airports are asked to provide documentation of any recent or anticipated construction related to their airfield pavements.

3.1 Airfield Pavement Network Information

3.1.1 Previous and/or Anticipated Airfield Pavement Construction

Based on information provided by the Airport, **Table 3.1.1** summarizes recent or anticipated airfield pavement construction projects since 2017.

Table 3.1.1: Summary of Previous and/or Anticipated Airfield Pavement Construction

Construction Year	Location	Work Type / Pavement Section
2018	AP TERM	New Construction - PCC
	AP TERM	New Construction - AC
2020	RW 15-33	Mill and Overlay | 2" Mill, 2" P-401 Overlay
	RW 15-33	New Construction - AC | 4" P-401, 5" P-401 Base, 6" P-211
	TW A, TW D, TW E, TW H	New Construction - AC | 4" P-401, 6" P-211
2022	TW E	New Construction - AC | 4" P-401, 5" P-211, 12" in-situ subgrade
	TW E1	New Construction - AC | 4" P-401, 6" P-211
	TW E2	Complete Reconstruction - AC | 4" P-401, 5" P-211, 12" in-situ subgrade
	TW E3, TL GA, AP FUEL, AP GA	New Construction - AC | 4" P-401, 4" P-211, 12" in-situ subgrade
	AP FUEL, AP GA	New Construction - PCC | 6" P-501, 4" P-211, 12" in-situ subgrade
	RW 4-22	Complete Reconstruction - AC | 3" P-401, 6" P-401 Base, 12" P-211
	RW 4-22	Mill and Overlay | Variable depth mill, 3" P-401 overlay
	TW D	Mill and Overlay | 2" Mill, 2" P-401 Overlay
2023	RW 9-27	Mill and Overlay

The Airport provided a combination of record drawings, reports, and staff input, which aided in developing the construction history of the Airport's pavements since inception. Major rehabilitation and construction activities performed in the last 24 months, or anticipated in the next 24 months, are assumed to restore the PCI to 100. These activities include pavement overlay, mill and overlay, new construction, and/or complete reconstruction. These pavements were not formally subject to a PCI assessment and actual conditions may vary. Furthermore, any localized maintenance or repair performed in the assessment areas that would improve the PCI are considered in the condition analysis.

Figure 3.1.1 (a), the Airfield Pavement Network Definition Exhibit, provides details of the PCI assessment efforts. The Exhibit identifies pavement facilities, surface types, section definitions, and sample unit delineations. **Figure 3.1.1 (b)**, the Airfield Pavement System Inventory Exhibit, provides details of the work history updates communicated by the Airport. The Exhibit provides the approximate limits of recent and/or anticipated construction on the airfield pavement facilities. The limits are based on documentation provided by the Airport and, if constructed, are confirmed during field surveys.

PGD

AIRFIELD PAVEMENT NETWORK DEFINITION EXHIBIT

Statewide Airfield Pavement Management Program

PUNTA GORDA AIRPORT

FDOT

2022

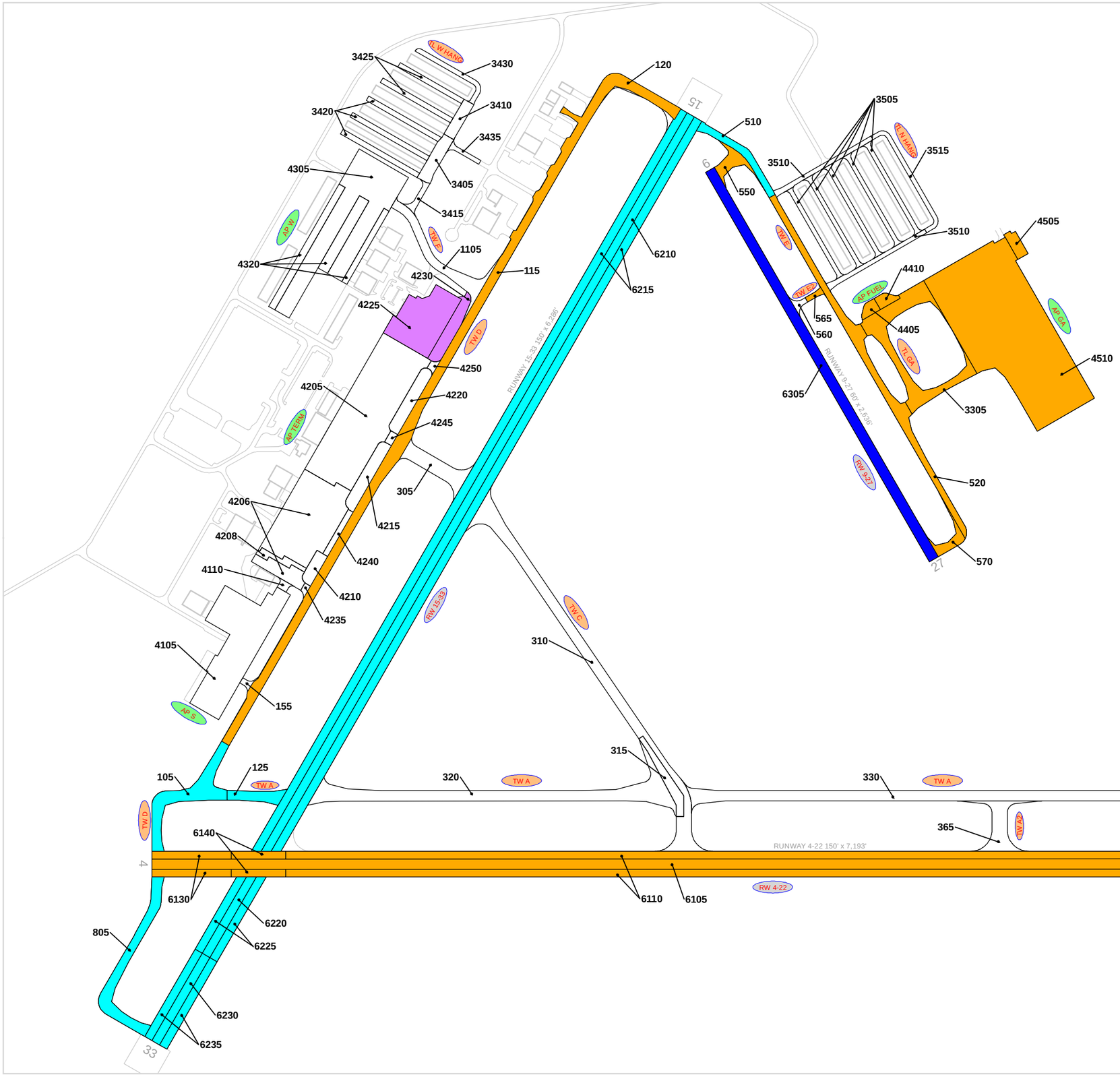
NORTH

LEGEND

- RW 13-31 — TYPICAL RUNWAY BRANCH ID
- TW A — TYPICAL TAXIWAY BRANCH ID
- AP S — TYPICAL APRON BRANCH ID
- AAC / AP MAIN / 4105 / 10 | 100 — PAVEMENT SURFACE TYPE; PAVEMENT BRANCH ID; SECTION NUMBER; NUMBER OF SAMPLE UNITS IN SECTION; NUMBER OF SAMPLE UNITS TO BE INSPECTED
- AAC / AP MAIN / 4105 / 0 | 100 — SECTION NOT INSPECTED DUE TO RECENT CONSTRUCTION. SEE SYSTEM INVENTORY MAP FOR CONSTRUCTION DATES.
- 100 — INSPECTED SAMPLE UNITS.

TOTAL SAMPLES INSPECTED = 74
AC: 68 PCC: 6

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



NORTH

RECENT & ANTICIPATED CONSTRUCTION ACTIVITY

CONSTRUCTION YEAR	LOCATION	WORK TYPE / PAVEMENT SECTION
2018	AP TERM	New Construction - PCC
	AP TERM	New Construction - AC
2020	RW 15-33	New Construction - AC | 4" P-401, 5" P-401 Base, 6" P-211
	RW 15-33	Mill and Overlay | 2" Mill, 2" P-401 Overlay
	TW A, TW D, TW E, TW H	New Construction - AC | 4" P-401, 6" P-211
2022	TW E	New Construction - AC | 4" P-401, 5" P-211, 12" in-situ subgrade
	TW E1	New Construction - AC | 4" P-401, 6" P-211
	TW E2	Complete Reconstruction - AC | 4" P-401, 5" P-211, 12" in-situ subgrade
	AP FUEL, AP GA, TL GA, TW E3	New Construction - AC | 4" P-401, 4" P-211, 12" in-situ subgrade
	AP FUEL, AP GA	New Construction - PCC | 6" P-501, 4" P-211, 12" in-situ subgrade
	RW 4-22	Complete Reconstruction - AC | 3" P-401, 6" P-401 Base, 12" P-211
	RW 4-22	Mill and Overlay | Variable depth mill, 3" P-401 overlay
	TW D	Mill and Overlay | 2" Mill, 2" P-401 Overlay
2023	RW 9-27	Mill and Overlay

LEGEND

RW 13-31 — TYPICAL RUNWAY BRANCH ID

TW A — TYPICAL TAXIWAY BRANCH ID

AP S — TYPICAL APRON BRANCH ID

PROJECT YEAR

2017		2022	
2018		2023	
2019		2024	
2020		2025	
2021		2026	

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

PGD

AIRFIELD PAVEMENT SYSTEM INVENTORY EXHIBIT

Statewide Airfield Pavement Management Program

PUNTA GORDA AIRPORT

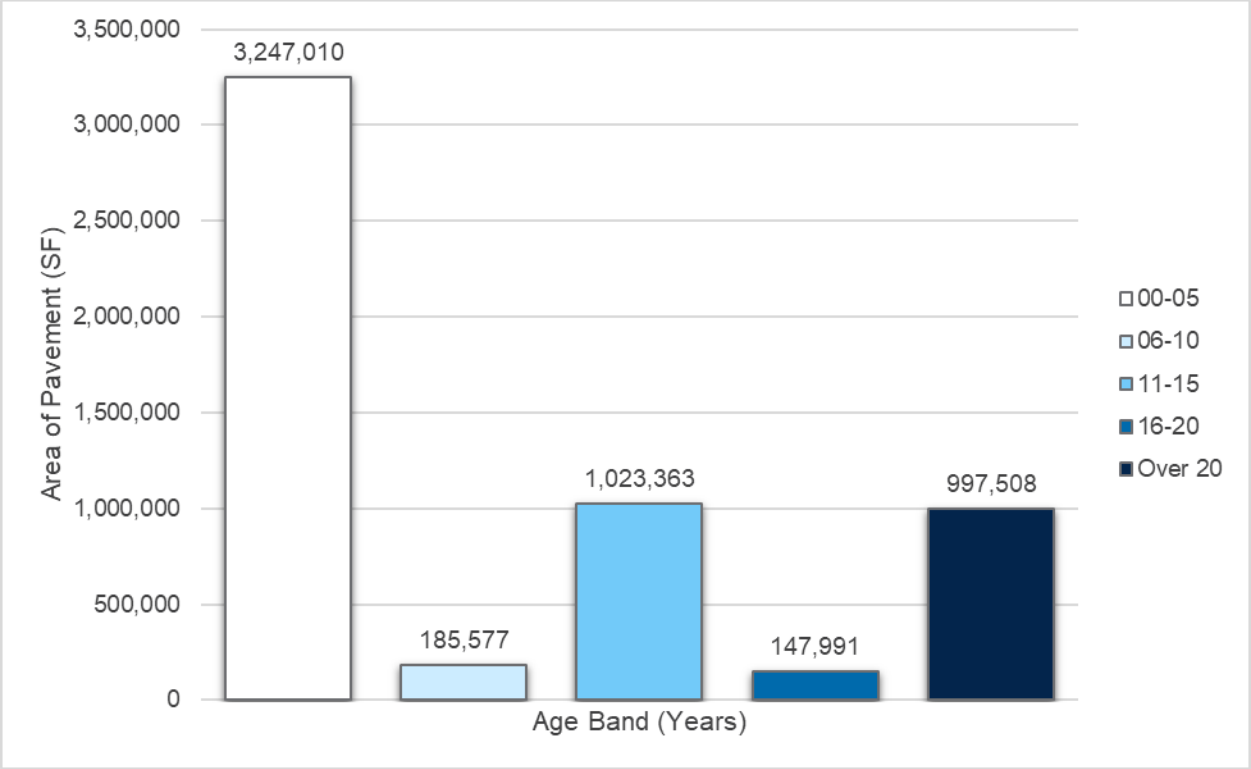
FDOT

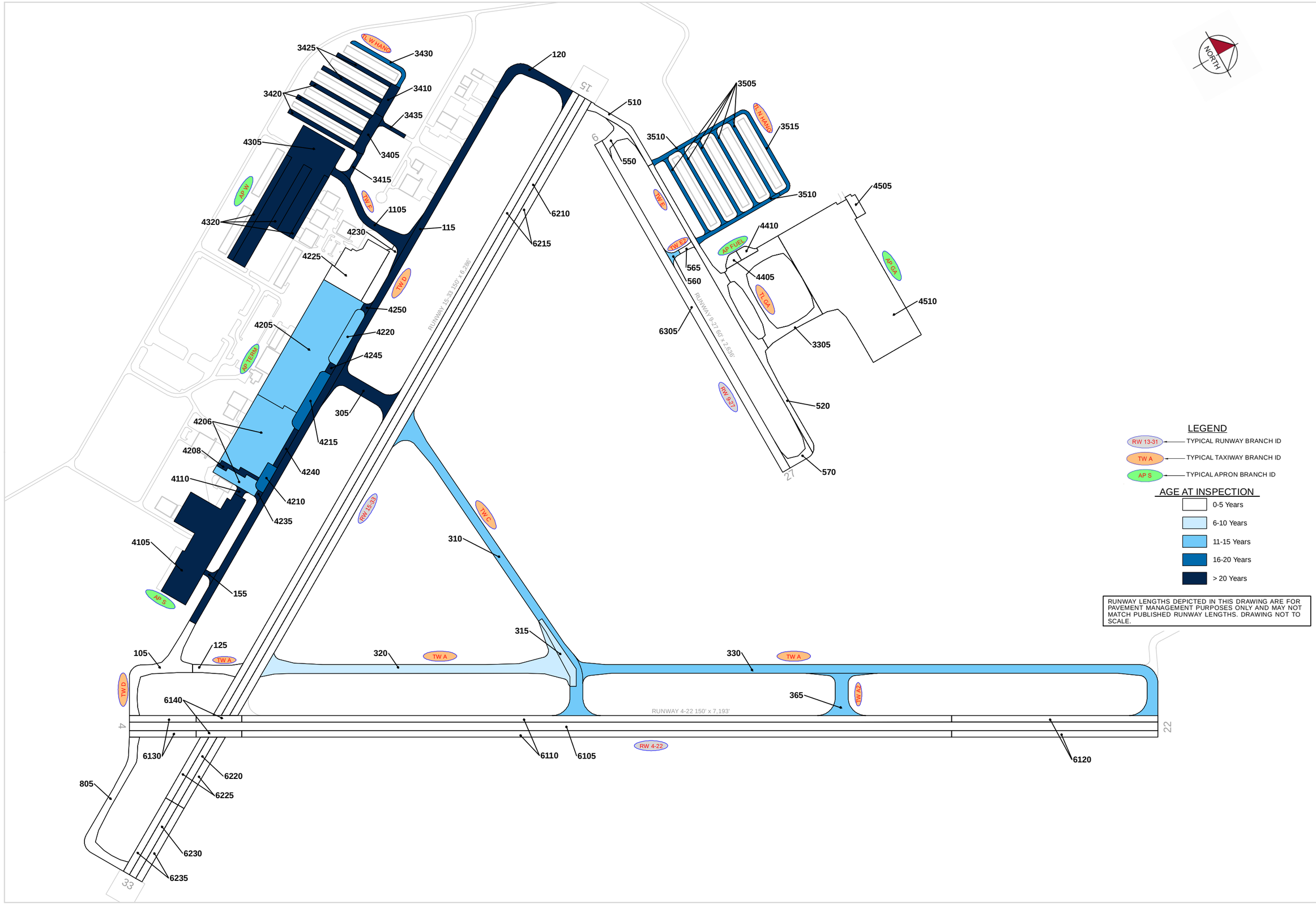
2022

3.1.2 Estimated Pavement Age

Standard pavement design practice considers a design life of 20 years. Design inputs typically require subgrade soil conditions, pavement layer material characteristics, and anticipated loading (aircraft fleet mix) for the design-life period. Based on the review of historic airfield pavement construction activities, **Figure 3.1.2 (a)** summarizes the age of the pavement sections since the last major construction activity has occurred. **Figure 3.1.2 (b)** provides the approximate limits of those age ranges on the airfield pavement facilities. This is intended to be a rough estimate based on interpretation of the limited data available at the time of report. The estimation of pavement age is based on information requested from the Airport.

Figure 3.1.2 (a): Age of Pavements at PCI Survey





NORTH

LEGEND

RW 13-31 — TYPICAL RUNWAY BRANCH ID

TW A — TYPICAL TAXIWAY BRANCH ID

AP S — TYPICAL APRON BRANCH ID

AGE AT INSPECTION

- 0-5 Years
- 6-10 Years
- 11-15 Years
- 16-20 Years
- > 20 Years

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

PGD

AIRFIELD PAVEMENT ESTIMATED AGE EXHIBIT

Statewide Airfield Pavement Management Program

PUNTA GORDA AIRPORT

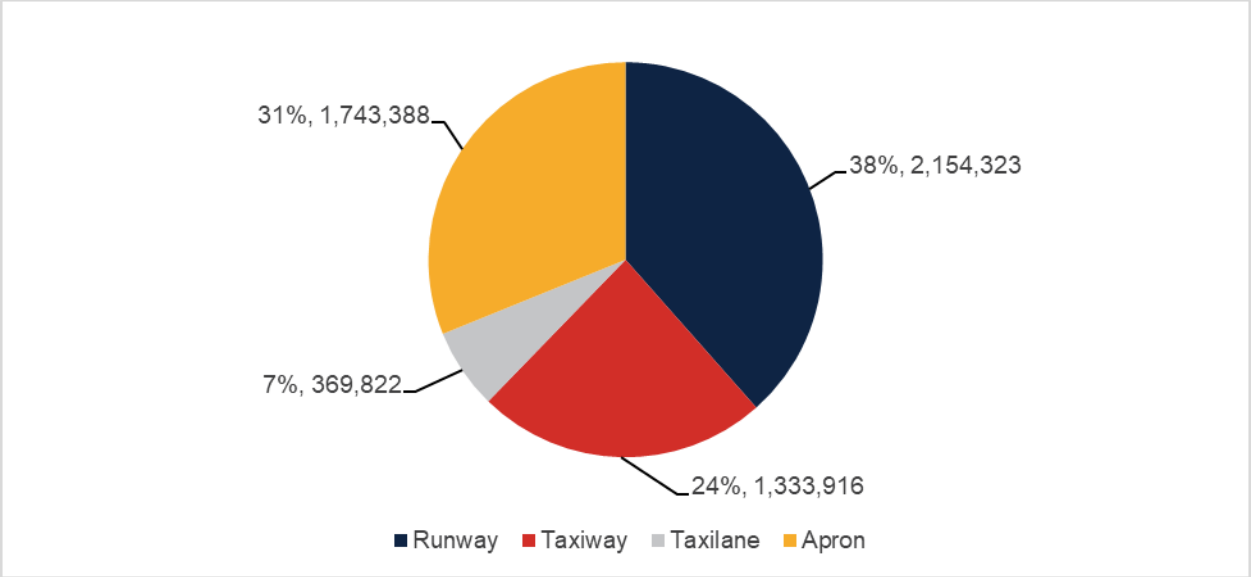
FDOT

2022

3.1.3 Functional Use

Pavements are subject to variations in aircraft loading patterns based on use and overall operations. This is termed “functional use” or “branch use.” For this SAPMP System Update, the following categories of pavement functional use are identified: runway, taxiway, taxilane, and apron. **Figure 3.1.3** summarizes pavement functional use by area and excludes paved shoulders.

Figure 3.1.3: Airfield Pavement Branch Use by Area (SF)

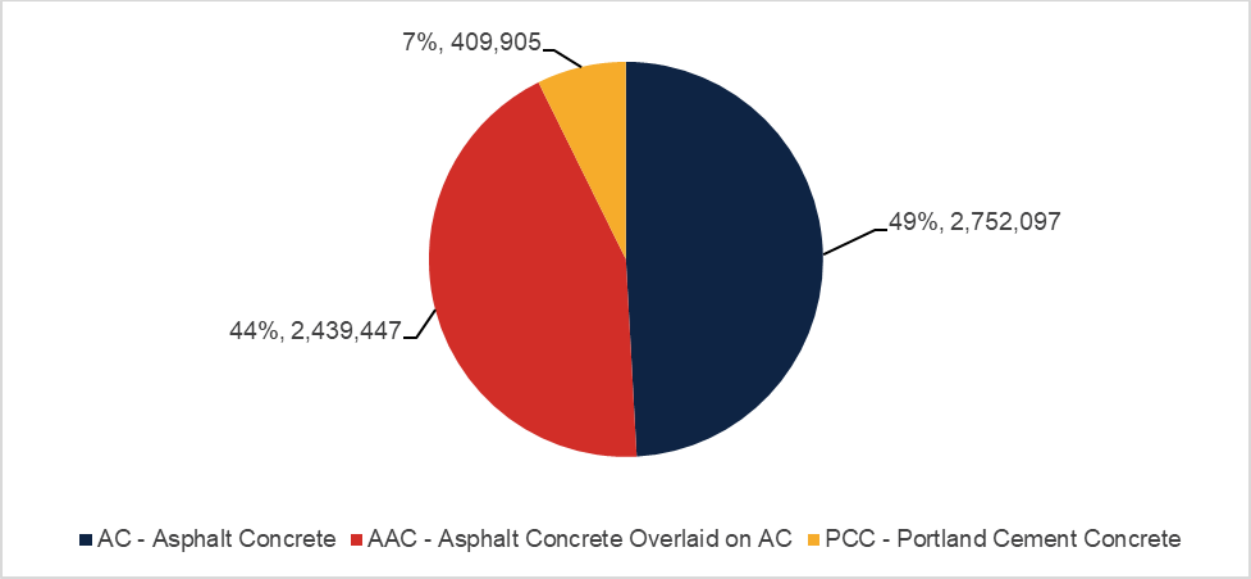


3.1.4 Pavement Surface Type

The airfield pavement facility surface types within the SAPMP include four (4) common types of pavement: Asphalt Concrete (AC), Asphalt Concrete overlaid on Asphalt Concrete (AAC), Asphalt Concrete overlaid on Portland cement concrete (APC), and Portland cement concrete (PCC).

Based on the record documentation incorporated within the SAPMP database and as observed during airfield pavement field assessments, pavement surface types have been assigned to the various pavement sections. **Figure 3.1.4** summarizes the applicable pavement types observed at PGD.

Figure 3.1.4: Airfield Pavement Surface Type by Area (SF)



3.1.5 Pavement System Inventory Details

The pavement inventory scope includes updates to existing pavement geometry and the development of an AutoCAD model with spatial projection for use within GIS. **Appendix C** includes the Airfield Pavement Network Definition Exhibit and the Airfield Pavement System Inventory Exhibit, which visually summarize the results of the airfield pavement system inventory analysis.

Table 3.1.5 displays the section-level pavement inventory data, which is based on record documentation provided by the airports and from previous System Updates. The information presented relies on the accuracy and the adequacy of data provided. In some cases, characteristics such as pavement area may be estimated based on aerial interpretation of spatially-projected imagery. Additionally, if the last construction date is unknown, a date of January 1 of the estimated year was assigned to the section. The accuracy of data is appropriate for this network-level planning document. Should the Airport perform rehabilitation work, it is recommended that project-level investigations be performed to support the data accuracy needed for design and construction.

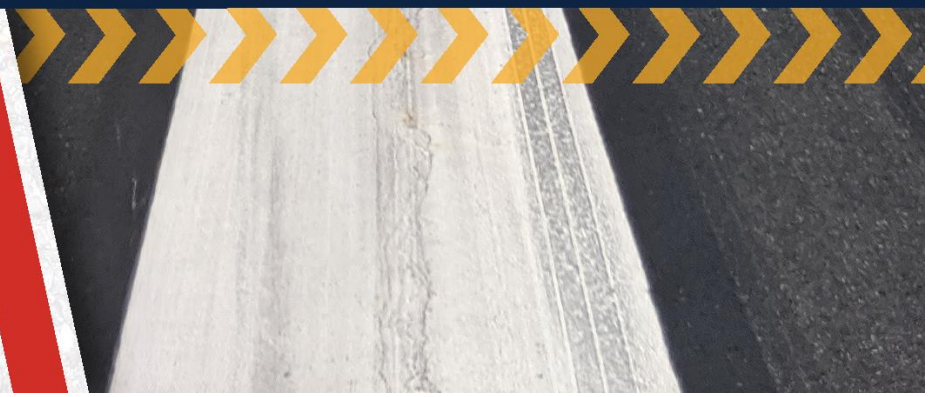
Table 3.1.5: Pavement System Inventory Details

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface Type	Estimate of Last Construction Date
PGD	RW 4-22	Runway	6105	431,700	AC	11/1/2022
PGD	RW 4-22	Runway	6110	446,940	AAC	11/1/2022
PGD	RW 4-22	Runway	6120	129,780	AAC	11/1/2022
PGD	RW 4-22	Runway	6130	42,030	AAC	11/1/2022
PGD	RW 4-22	Runway	6140	28,800	AAC	11/1/2022
PGD	RW 9-27	Runway	6305	158,160	AAC	1/1/2023
PGD	RW 15-33	Runway	6210	249,444	AAC	11/1/2020
PGD	RW 15-33	Runway	6215	498,888	AAC	11/1/2020

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface Type	Estimate of Last Construction Date
PGD	RW 15-33	Runway	6220	26,644	AAC	11/1/2020
PGD	RW 15-33	Runway	6225	53,287	AAC	11/1/2020
PGD	RW 15-33	Runway	6230	29,550	AC	11/1/2020
PGD	RW 15-33	Runway	6235	59,100	AC	11/1/2020
PGD	TW A	Taxiway	125	20,593	AC	11/1/2020
PGD	TW A	Taxiway	320	162,031	AC	9/1/2016
PGD	TW A	Taxiway	330	271,000	AAC	1/1/2009
PGD	TW A2	Taxiway	365	38,414	AAC	1/1/2009
PGD	TW C	Taxiway	305	48,969	AAC	1/1/1993
PGD	TW C	Taxiway	310	158,559	AAC	1/1/2009
PGD	TW C	Taxiway	315	23,546	AAC	9/1/2016
PGD	TW D	Taxiway	105	69,571	AC	11/1/2020
PGD	TW D	Taxiway	115	211,450	AAC	1/1/1993
PGD	TW D	Taxiway	120	43,181	AAC	1/1/1993
PGD	TW D	Taxiway	155	4,146	AAC	1/1/1993
PGD	TW E	Taxiway	510	26,501	AC	11/1/2020
PGD	TW E	Taxiway	520	99,925	AC	1/1/2022
PGD	TW E1	Taxiway	550	18,357	AC	1/1/2022
PGD	TW E2	Taxiway	560	4,005	AC	1/1/2010
PGD	TW E2	Taxiway	565	3,627	AC	1/1/2022
PGD	TW E3	Taxiway	570	13,758	AC	1/1/2022
PGD	TW F	Taxiway	1105	50,341	AC	12/25/1999
PGD	TW H	Taxiway	805	65,942	AC	11/1/2020
PGD	TL GA	Taxilane	3305	98,086	AC	7/1/2022
PGD	TL N HANG	Taxilane	3505	79,013	AC	1/1/2006
PGD	TL N HANG	Taxilane	3510	35,068	AC	1/1/2004
PGD	TL N HANG	Taxilane	3515	19,242	AC	1/1/2006
PGD	TL W HANG	Taxilane	3405	22,295	AC	1/1/1992
PGD	TL W HANG	Taxilane	3410	15,629	AC	1/1/1990
PGD	TL W HANG	Taxilane	3415	7,080	AC	12/25/1999
PGD	TL W HANG	Taxilane	3420	45,846	AC	1/1/1992
PGD	TL W HANG	Taxilane	3425	27,208	AC	1/1/1992
PGD	TL W HANG	Taxilane	3430	14,668	AC	1/1/2003
PGD	TL W HANG	Taxilane	3435	5,687	AC	1/1/1989
PGD	AP FUEL	Apron	4405	7,333	PCC	7/1/2022
PGD	AP FUEL	Apron	4410	7,990	AC	7/1/2022
PGD	AP GA	Apron	4505	11,231	PCC	7/1/2022
PGD	AP GA	Apron	4510	516,802	AC	7/1/2022
PGD	AP S	Apron	4105	192,015	AC	1/1/1992
PGD	AP S	Apron	4110	3,508	AC	1/1/1992
PGD	AP TERM	Apron	4205	278,175	PCC	1/1/2009
PGD	AP TERM	Apron	4206	194,550	AC	1/1/2009
PGD	AP TERM	Apron	4208	10,625	PCC	12/25/1995
PGD	AP TERM	Apron	4210	14,657	AC	1/1/2007
PGD	AP TERM	Apron	4215	32,858	AC	1/1/2007
PGD	AP TERM	Apron	4220	31,145	AC	1/1/2009

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface Type	Estimate of Last Construction Date
PGD	AP TERM	Apron	4225	102,541	PCC	7/2/2018
PGD	AP TERM	Apron	4230	30,430	AC	7/2/2018
PGD	AP TERM	Apron	4235	2,534	AAC	1/1/1993
PGD	AP TERM	Apron	4240	10,800	AC	1/1/1993
PGD	AP TERM	Apron	4245	3,675	AAC	1/1/1993
PGD	AP TERM	Apron	4250	3,304	AC	1/1/1993
PGD	AP W	Apron	4305	206,301	AC	12/25/1999
PGD	AP W	Apron	4320	82,914	AC	12/25/1999

Chapter 4: Airfield Pavement Condition Analysis



Chapter 4 – Airfield Pavement Condition Analysis

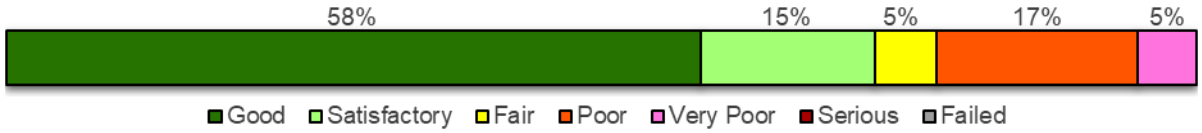
The Pavement Condition Index (PCI) provides insight to possible causes of deterioration to help support pavement maintenance and rehabilitation planning. Distress type, severity, and extent are required in the computation of a PCI value. The PCI method of pavement condition evaluation is strictly a visual review of surface condition, also referred to as a functional evaluation. Further evaluation of pavement conditions may be necessary, such as structural evaluation, for design- and/or project-level determination of pavement rehabilitation needs.

4.1 Airfield Pavement Condition Index

4.1.1 Network-Level Analysis

The following figure, **Figure 4.1.1**, summarizes the network-level pavement condition analysis based on the most recent survey results. On a network level, approximately 73% of inspected pavements are in Good or Satisfactory condition. Presently, roughly 5% of inspected pavements are in Fair condition and the remaining 22% of inspected pavements are in Poor or worse condition.

Figure 4.1.1: Current Condition – Overall Network



4.1.2 Branch-Level Analysis

The following **Figures 4.1.2 (a)-(e)** summarize branch-level pavement conditions according to the most recent PCI assessment results.

Figure 4.1.2 (a): Current Condition Summary – Branch-Level

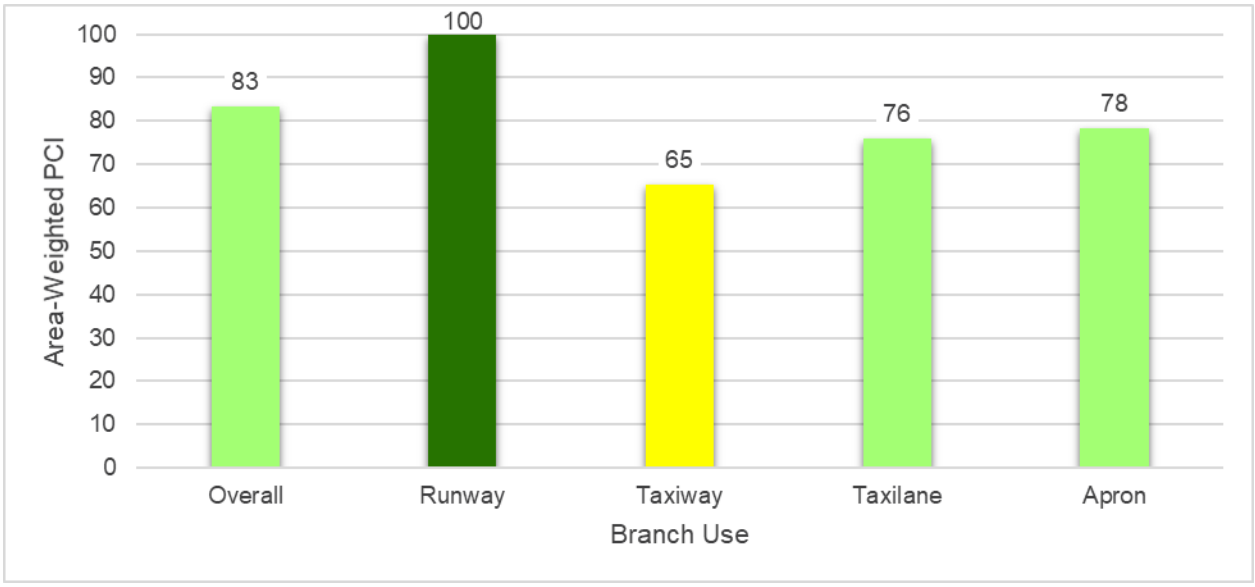


Figure 4.1.2 (b): Current Condition – Runway

Figure 4.1.2 (c): Current Condition – Taxiway

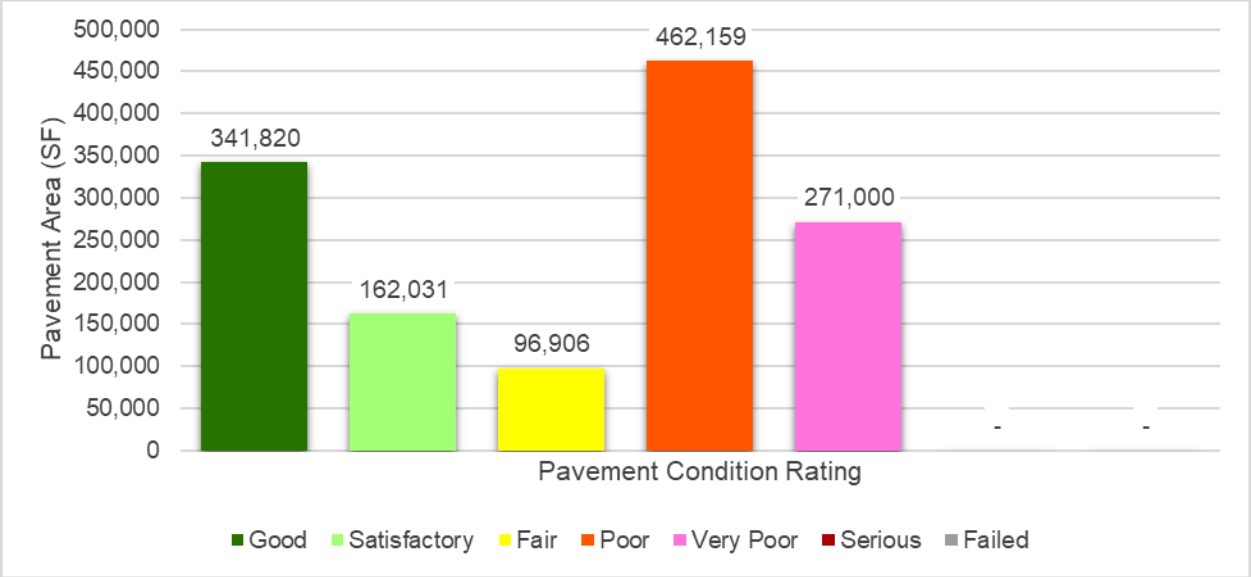


Figure 4.1.2 (d): Current Condition – Taxilane

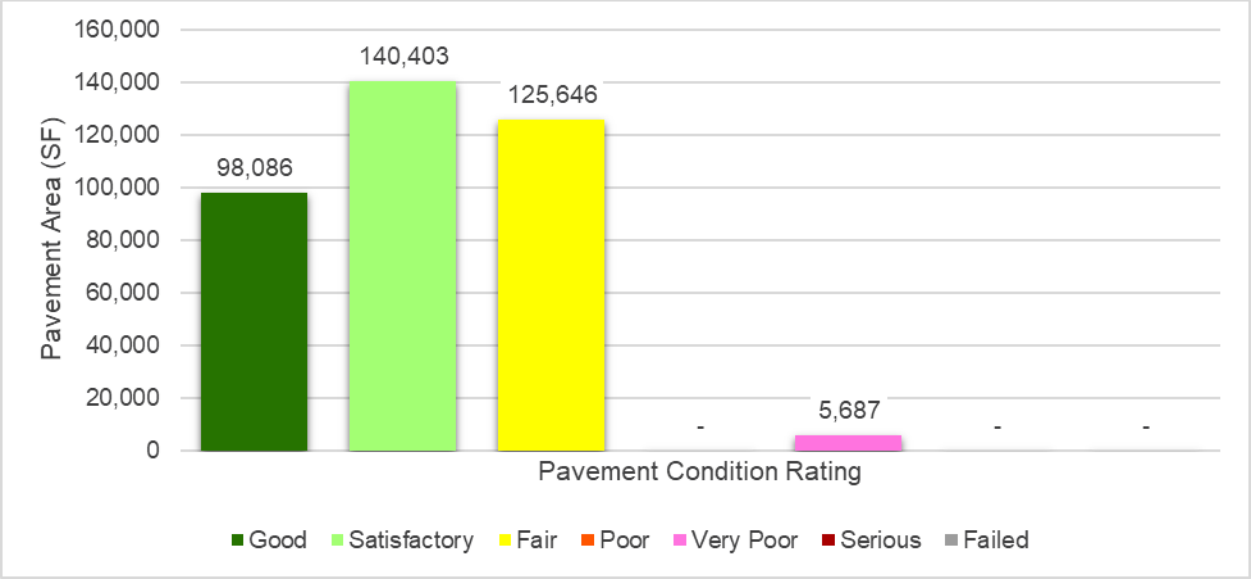


Figure 4.1.2 (e): Current Condition – Apron

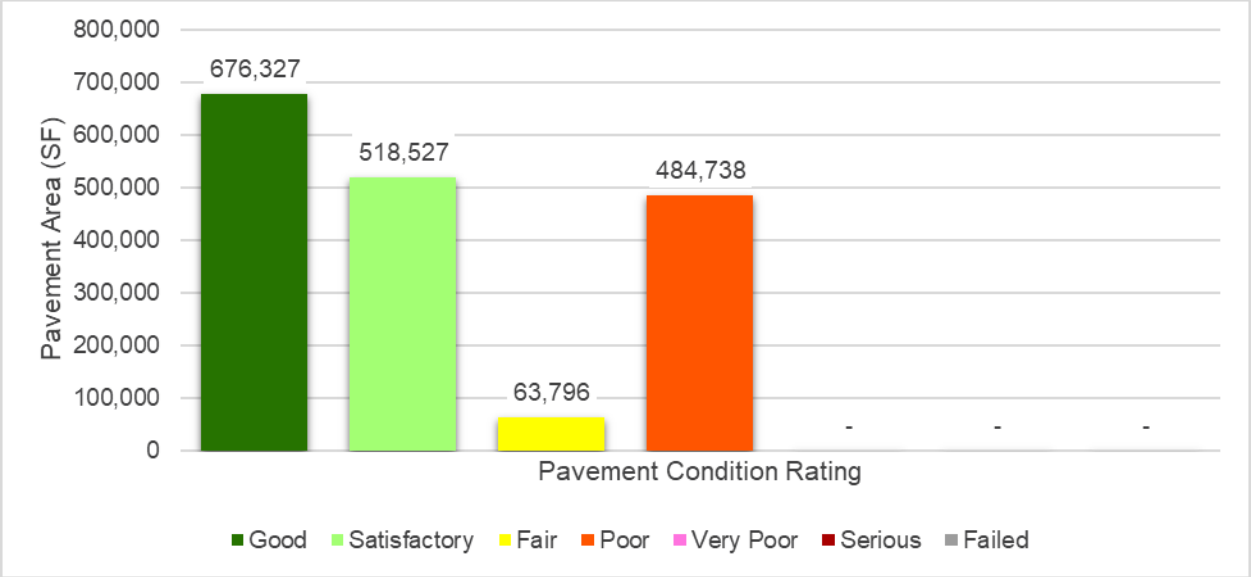


Table 4.1.2 details the branch-level condition for each airfield pavement branch.

Table 4.1.2: Current Condition Summary – Branch-Level

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Area-Weighted Avg PCI	Condition Rating
RW 4-22	Runway	5	1,079,250	100	Good
RW 9-27	Runway	1	158,160	100	Good
RW 15-33	Runway	6	916,913	100	Good
TW A	Taxiway	3	453,624	58	Fair
TW A2	Taxiway	1	38,414	61	Fair
TW C	Taxiway	3	231,074	56	Fair
TW D	Taxiway	4	328,348	60	Fair
TW E	Taxiway	2	126,426	100	Good
TW E1	Taxiway	1	18,357	100	Good
TW E2	Taxiway	2	7,632	77	Satisfactory
TW E3	Taxiway	1	13,758	100	Good
TW F	Taxiway	1	50,341	57	Fair
TW H	Taxiway	1	65,942	100	Good
TL GA	Taxilane	1	98,086	100	Good
TL N HANG	Taxilane	3	133,323	75	Satisfactory
TL W HANG	Taxilane	7	138,413	60	Fair
AP FUEL	Apron	2	15,323	100	Good
AP GA	Apron	2	528,033	100	Good
AP S	Apron	2	195,523	48	Poor
AP TERM	Apron	12	715,294	81	Satisfactory
AP W	Apron	2	289,215	52	Poor

4.1.3 Section-Level Analysis

Table 4.1.3 provides each pavement section's area-weighted average PCI and the percent of distress related to load, climate, and other factors. The causes of condition deterioration help inform maintenance, repair, and rehabilitation decisions. For example, load-related distress can indicate that the pavement is reaching the end of its structural design life and the selected rehabilitation treatment should include either strengthening or reconstruction. **Figure 4.1.3** provides a technical exhibit that graphically depicts PCI values and ratings determined from this SAPMP System Update.

Pavement facilities that have been reconstructed within the past 24 months, or are anticipated for reconstruction within the next 24 months, may have been omitted from this assessment. Pavement that has received major rehabilitation will be set to a PCI of 100 for this analysis.

Table 4.1.3: Latest Pavement Condition Index Summary – Section-Level

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other	Sample Units Inspected	Total Sample Units in Section
PGD	RW 4-22	Runway	6105	431,700	AC	100	Good	0	0	0	0	0
PGD	RW 4-22	Runway	6110	446,940	AAC	100	Good	0	0	0	0	0
PGD	RW 4-22	Runway	6120	129,780	AAC	100	Good	0	0	0	0	0
PGD	RW 4-22	Runway	6130	42,030	AAC	100	Good	0	0	0	0	0
PGD	RW 4-22	Runway	6140	28,800	AAC	100	Good	0	0	0	0	0
PGD	RW 9-27	Runway	6305	158,160	AAC	100	Good	0	0	0	0	0
PGD	RW 15-33	Runway	6210	249,444	AAC	100	Good	0	0	0	0	0
PGD	RW 15-33	Runway	6215	498,888	AAC	100	Good	0	0	0	0	0
PGD	RW 15-33	Runway	6220	26,644	AAC	100	Good	0	0	0	0	0
PGD	RW 15-33	Runway	6225	53,287	AAC	100	Good	0	0	0	0	0
PGD	RW 15-33	Runway	6230	29,550	AC	100	Good	0	0	0	0	0
PGD	RW 15-33	Runway	6235	59,100	AC	100	Good	0	0	0	0	0
PGD	TW A	Taxiway	125	20,593	AC	100	Good	0	0	0	0	0
PGD	TW A	Taxiway	320	162,031	AC	84	Satisfactory	100	0	0	3	30
PGD	TW A	Taxiway	330	271,000	AAC	39	Very Poor	30	64	6	5	47
PGD	TW A2	Taxiway	365	38,414	AAC	61	Fair	54	46	0	1	8
PGD	TW C	Taxiway	305	48,969	AAC	46	Poor	40	54	6	2	11
PGD	TW C	Taxiway	310	158,559	AAC	54	Poor	45	53	2	4	30
PGD	TW C	Taxiway	315	23,546	AAC	86	Good	100	0	0	1	5
PGD	TW D	Taxiway	105	69,571	AC	100	Good	0	0	0	0	0
PGD	TW D	Taxiway	115	211,450	AAC	48	Poor	63	32	5	5	43
PGD	TW D	Taxiway	120	43,181	AAC	54	Poor	91	0	9	2	8
PGD	TW D	Taxiway	155	4,146	AAC	59	Fair	85	0	15	1	1
PGD	TW E	Taxiway	510	26,501	AC	100	Good	0	0	0	0	0
PGD	TW E	Taxiway	520	99,925	AC	100	Good	0	0	0	0	0
PGD	TW E1	Taxiway	550	18,357	AC	100	Good	0	0	0	0	0
PGD	TW E2	Taxiway	560	4,005	AC	57	Fair	97	0	3	1	1
PGD	TW E2	Taxiway	565	3,627	AC	100	Good	0	0	0	0	0
PGD	TW E3	Taxiway	570	13,758	AC	100	Good	0	0	0	0	0
PGD	TW F	Taxiway	1105	50,341	AC	57	Fair	98	0	2	2	11
PGD	TW H	Taxiway	805	65,942	AC	100	Good	0	0	0	0	0
PGD	TL GA	Taxilane	3305	98,086	AC	100	Good	0	0	0	0	0
PGD	TL N HANG	Taxilane	3505	79,013	AC	71	Satisfactory	99	0	1	2	15
PGD	TL N HANG	Taxilane	3510	35,068	AC	81	Satisfactory	100	0	0	1	8
PGD	TL N HANG	Taxilane	3515	19,242	AC	78	Satisfactory	100	0	0	1	4
PGD	TL W HANG	Taxilane	3405	22,295	AC	61	Fair	81	19	0	1	4
PGD	TL W HANG	Taxilane	3410	15,629	AC	57	Fair	95	0	5	1	3
PGD	TL W HANG	Taxilane	3415	7,080	AC	73	Satisfactory	81	0	19	1	2
PGD	TL W HANG	Taxilane	3420	45,846	AC	61	Fair	100	0	0	3	11
PGD	TL W HANG	Taxilane	3425	27,208	AC	60	Fair	100	0	0	2	6
PGD	TL W HANG	Taxilane	3430	14,668	AC	67	Fair	89	0	11	1	4
PGD	TL W HANG	Taxilane	3435	5,687	AC	29	Very Poor	38	22	40	1	1
PGD	AP FUEL	Apron	4405	7,333	PCC	100	Good	0	0	0	0	0

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other	Sample Units Inspected	Total Sample Units in Section
PGD	AP FUEL	Apron	4410	7,990	AC	100	Good	0	0	0	0	0
PGD	AP GA	Apron	4505	11,231	PCC	100	Good	0	0	0	0	0
PGD	AP GA	Apron	4510	516,802	AC	100	Good	0	0	0	0	0
PGD	AP S	Apron	4105	192,015	AC	48	Poor	95	0	5	4	38
PGD	AP S	Apron	4110	3,508	AC	54	Poor	85	0	15	1	1
PGD	AP TERM	Apron	4205	278,175	PCC	82	Satisfactory	37	7	56	3	27
PGD	AP TERM	Apron	4206	194,550	AC	76	Satisfactory	90	0	10	5	40
PGD	AP TERM	Apron	4208	10,625	PCC	61	Fair	13	0	87	1	4
PGD	AP TERM	Apron	4210	14,657	AC	82	Satisfactory	100	0	0	1	4
PGD	AP TERM	Apron	4215	32,858	AC	70	Fair	100	0	0	1	9
PGD	AP TERM	Apron	4220	31,145	AC	75	Satisfactory	100	0	0	1	8
PGD	AP TERM	Apron	4225	102,541	PCC	95	Good	0	0	100	2	11
PGD	AP TERM	Apron	4230	30,430	AC	88	Good	100	0	0	1	8
PGD	AP TERM	Apron	4235	2,534	AAC	70	Fair	100	0	0	1	1
PGD	AP TERM	Apron	4240	10,800	AC	68	Fair	100	0	0	1	2
PGD	AP TERM	Apron	4245	3,675	AAC	61	Fair	100	0	0	1	1
PGD	AP TERM	Apron	4250	3,304	AC	60	Fair	97	0	3	1	1
PGD	AP W	Apron	4305	206,301	AC	51	Poor	94	0	6	6	42
PGD	AP W	Apron	4320	82,914	AC	55	Poor	100	0	0	3	18

** Zero (0) Sample Units Inspected signifies that the pavement section was not inspected during this SAPMP System Update due to recent construction projects. These sections correlate with the gray sections on the Network Definition Exhibit.*

PGD

LEGEND

RW 13-31 — TYPICAL RUNWAY BRANCH ID

TW A — TYPICAL TAXIWAY BRANCH ID

AP S — TYPICAL APRON BRANCH ID

2022 PAVEMENT CONDITION INDEX

- PCI 86-100 Good
- PCI 71-85 Satisfactory
- PCI 56-70 Fair
- PCI 41-55 Poor
- PCI 26-40 Very Poor
- PCI 11-25 Serious
- PCI 0-10 Failed

"SECTION ID"
"PCI VALUE"

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

AIRFIELD PAVEMENT CONDITION INDEX EXHIBIT

Statewide Airfield Pavement Management Program

PUNTA GORDA AIRPORT

FDOT

2022

4.2 Summary of Pavement Condition Evaluation Results

4.2.1 Network-Level Observations

The PCI assessment for Punta Gorda Airport (PGD) was performed in June 2022. The overall area-weighted average PCI value of the network was 83, representing a condition rating of Satisfactory. Several pavement facilities were not inspected during the June 2022 inspections due to recent rehabilitation or new construction. At PGD, the not inspected facilities include Runway 4-22, Runway 15-33, Runway 9-27, Taxiway E, portions of Taxiway A and Taxiway D, and GA Apron.

Based on the FAA 5010 Report as of 11/02/2022, the Airport has reported 320,799 operations for 12 months ending 12/31/2021.

4.2.2 Branch-Level Observations

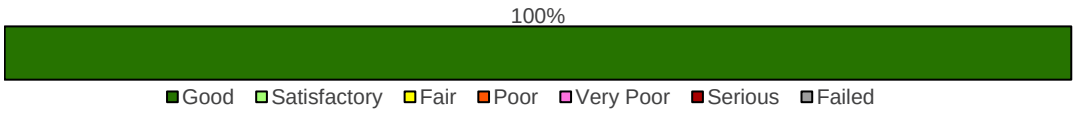
The following branch-level observations are a summary of select pavement facilities identified during the PCI assessment, including a discussion of general conditions and branch characteristics. The summary may not include all branches and/or sections within the Airport's airfield pavement network. Representative distress photographs of airfield pavements are presented in **Appendix D**. "Vicinity" photos refer to the approximate boundaries of an inspected sample unit within the section and provide an overview of the section condition but are not focused on a specific distress. The Re-inspection Report found in **Appendix E** provides listings of each sample unit and distress.

Runways

RW 15-33

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
RW 15-33	RUNWAY	6	916,913	100	Good

The following bar graph shows proportional distribution (as % of area within branch) of condition categories among sections within the branch. Given the individual section data shown in the subsequent table, the distribution is as follows: 100% Good (86-100 PCI).



Section ID	Surface Type	Section Area (SF)	PCI	Condition Rating
6210	AAC	249,444	100	Good
6215	AAC	498,888	100	Good
6220	AAC	26,644	100	Good
6225	AAC	53,287	100	Good
6230	AC	29,550	100	Good

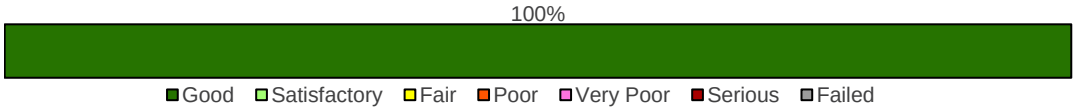
Section ID	Surface Type	Section Area (SF)	PCI	Condition Rating
6235	AC	59,100	100	Good

RW 15-33 consists of 6 flexible pavement sections, totaling 916,913 sf. The last major construction date for the branch was 2020. Overall, RW 15-33 is in Good condition with an area-weighted average PCI of 100.

RW 4-22

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
RW 4-22	RUNWAY	5	1,079,250	100	Good

The following bar graph shows proportional distribution (as % of area within branch) of condition categories among sections within the branch. Given the individual section data shown in the subsequent table, the distribution is as follows: 100% Good (86-100 PCI).



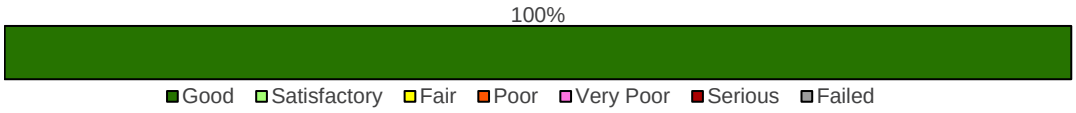
Section ID	Surface Type	Section Area (SF)	PCI	Condition Rating
6105	AC	431,700	100	Good
6110	AAC	446,940	100	Good
6120	AAC	129,780	100	Good
6130	AAC	42,030	100	Good
6140	AAC	28,800	100	Good

RW 4-22 consists of 5 flexible pavement sections, totaling 1,079,250 sf. The last major construction date for the branch was 2022. Overall, RW 4-22 is in Good condition with an area-weighted average PCI of 100.

RW 9-27

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
RW 9-27	RUNWAY	1	158,160	100	Good

The following bar graph shows proportional distribution (as % of area within branch) of condition categories among sections within the branch. Given the individual section data shown in the subsequent table, the distribution is as follows: 100% Good (86-100 PCI).



Section ID	Surface Type	Section Area (SF)	PCI	Condition Rating
6305	AAC	158,160	100	Good

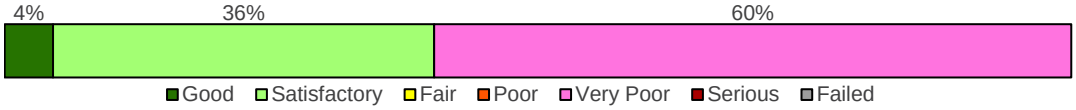
RW 9-27 consists of 1 flexible pavement section, totaling 158,160 sf. The last major construction date for the branch was 2023. Overall, RW 9-27 is in Good condition with an area-weighted average PCI of 100.

Taxiways

TW A

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW A	TAXIWAY	3	453,624	58	Fair

The following bar graph shows proportional distribution (as % of area within branch) of condition categories among sections within the branch. Given the individual section data shown in the subsequent table, the distribution is as follows: 4% Good (86-100 PCI), 36% Satisfactory (71-85 PCI), 60% Very Poor (26-40 PCI).



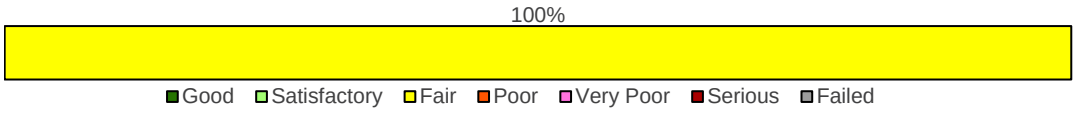
Section ID	Surface Type	Section Area (SF)	PCI	Condition Rating
125	AC	20,593	100	Good
320	AC	162,031	84	Satisfactory
330	AAC	271,000	39	Very Poor

TW A consists of 3 flexible pavement sections, totaling 453,624 sf. The last major construction dates range from 2009 to 2020, resulting in an area-weighted average age at inspection of 10 years old. Overall, TW A is in Fair condition with an area-weighted average PCI of 58.

TW A2

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW A2	TAXIWAY	1	38,414	61	Fair

The following bar graph shows proportional distribution (as % of area within branch) of condition categories among sections within the branch. Given the individual section data shown in the subsequent table, the distribution is as follows: 100% Fair (56-70 PCI).



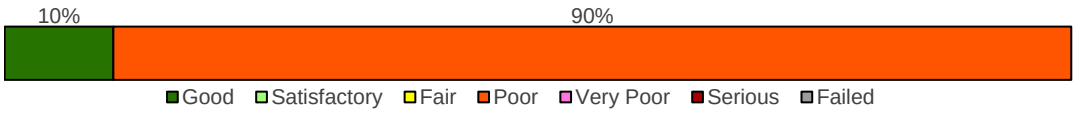
Section ID	Surface Type	Section Area (SF)	PCI	Condition Rating
365	AAC	38,414	61	Fair

TW A2 consists of 1 flexible pavement section, totaling 38,414 sf. The last major construction date for the branch was 2009, resulting in an area-weighted average age at inspection of 13 years old. Overall, TW A2 is in Fair condition with an area-weighted average PCI of 61.

TW C

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW C	TAXIWAY	3	231,074	56	Fair

The following bar graph shows proportional distribution (as % of area within branch) of condition categories among sections within the branch. Given the individual section data shown in the subsequent table, the distribution is as follows: 10% Good (86-100 PCI), 90% Poor (41-55 PCI).



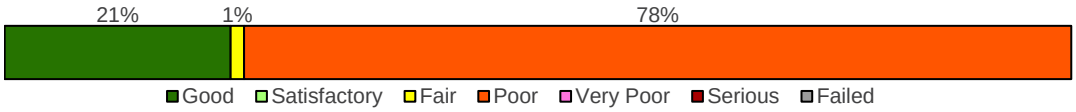
Section ID	Surface Type	Section Area (SF)	PCI	Condition Rating
305	AAC	48,969	46	Poor
310	AAC	158,559	54	Poor
315	AAC	23,546	86	Good

TW C consists of 3 flexible pavement sections, totaling 231,074 sf. The last major construction dates range from 1993 to 2016, resulting in an area-weighted average age at inspection of 16 years old. Overall, TW C is in Fair condition with an area-weighted average PCI of 56.

TW D

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW D	TAXIWAY	4	328,348	60	Fair

The following bar graph shows proportional distribution (as % of area within branch) of condition categories among sections within the branch. Given the individual section data shown in the subsequent table, the distribution is as follows: 21% Good (86-100 PCI), 1% Fair (56-70 PCI), 78% Poor (41-55 PCI).



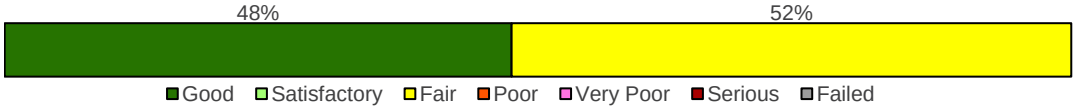
Section ID	Surface Type	Section Area (SF)	PCI	Condition Rating
105	AC	69,571	100	Good
115	AAC	211,450	48	Poor
120	AAC	43,181	54	Poor
155	AAC	4,146	59	Fair

TW D consists of 4 flexible pavement sections, totaling 328,348 sf. The last major construction dates range from 1993 to 2020, resulting in an area-weighted average age at inspection of 23 years old. Overall, TW D is in Fair condition with an area-weighted average PCI of 60.

TW E2

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW E2	TAXIWAY	2	7,632	77	Satisfactory

The following bar graph shows proportional distribution (as % of area within branch) of condition categories among sections within the branch. Given the individual section data shown in the subsequent table, the distribution is as follows: 48% Good (86-100 PCI), 52% Fair (56-70 PCI).



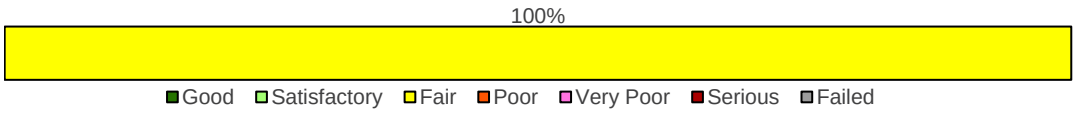
Section ID	Surface Type	Section Area (SF)	PCI	Condition Rating
560	AC	4,005	57	Fair
565	AC	3,627	100	Good

TW E2 consists of 2 flexible pavement sections, totaling 7,632 sf. The last major construction dates range from 2010 to 2022, resulting in an area-weighted average age at inspection of 7 years old. Overall, TW E2 is in Satisfactory condition with an area-weighted average PCI of 77.

TW F

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW F	TAXIWAY	1	50,341	57	Fair

The following bar graph shows proportional distribution (as % of area within branch) of condition categories among sections within the branch. Given the individual section data shown in the subsequent table, the distribution is as follows: 100% Fair (56-70 PCI).



Section ID	Surface Type	Section Area (SF)	PCI	Condition Rating
1105	AC	50,341	57	Fair

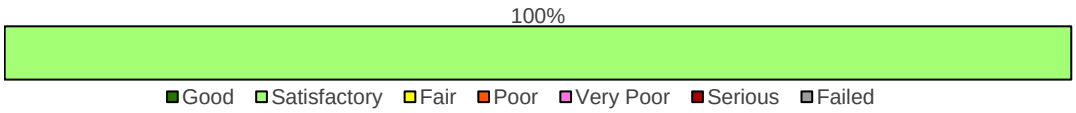
TW F consists of 1 flexible pavement section, totaling 50,341 sf. The last major construction date for the branch was 1999, resulting in an area-weighted average age at inspection of 22 years old. Overall, TW F is in Fair condition with an area-weighted average PCI of 57.

Taxilanes

TL N HANG

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TL N HANG	TAXILANE	3	133,323	75	Satisfactory

The following bar graph shows proportional distribution (as % of area within branch) of condition categories among sections within the branch. Given the individual section data shown in the subsequent table, the distribution is as follows: 100% Satisfactory (71-85 PCI).



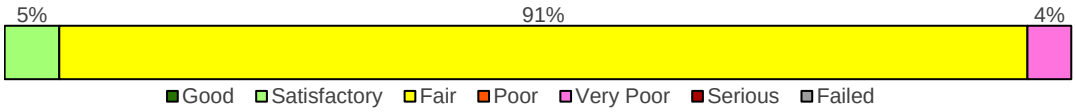
Section ID	Surface Type	Section Area (SF)	PCI	Condition Rating
3505	AC	79,013	71	Satisfactory
3510	AC	35,068	81	Satisfactory
3515	AC	19,242	78	Satisfactory

TL N HANG consists of 3 flexible pavement sections, totaling 133,323 sf. The last major construction dates range from 2004 to 2006, resulting in an area-weighted average age at inspection of 17 years old. Overall, TL N HANG is in Satisfactory condition with an area-weighted average PCI of 75.

TL W HANG

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TL W HANG	TAXILANE	7	138,413	60	Fair

The following bar graph shows proportional distribution (as % of area within branch) of condition categories among sections within the branch. Given the individual section data shown in the subsequent table, the distribution is as follows: 5% Satisfactory (71-85 PCI), 91% Fair (56-70 PCI), 4% Very Poor (26-40 PCI).



Section ID	Surface Type	Section Area (SF)	PCI	Condition Rating
3405	AC	22,295	61	Fair
3410	AC	15,629	57	Fair
3415	AC	7,080	73	Satisfactory
3420	AC	45,846	61	Fair
3425	AC	27,208	60	Fair
3430	AC	14,668	67	Fair
3435	AC	5,687	29	Very Poor

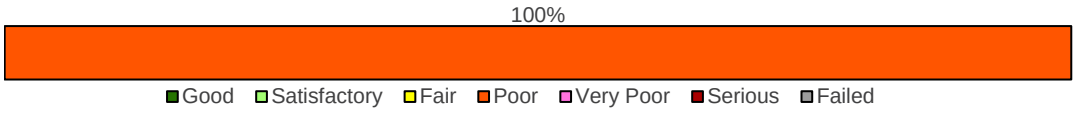
TL W HANG consists of 7 flexible pavement sections, totaling 138,413 sf. The last major construction dates range from 1989 to 2003, resulting in an area-weighted average age at inspection of 29 years old. Overall, TL W HANG is in Fair condition with an area-weighted average PCI of 60.

Aprons

AP S

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
AP S	APRON	2	195,523	48	Poor

The following bar graph shows proportional distribution (as % of area within branch) of condition categories among sections within the branch. Given the individual section data shown in the subsequent table, the distribution is as follows: 100% Poor (41-55 PCI).



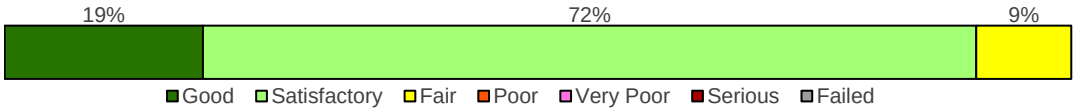
Section ID	Surface Type	Section Area (SF)	PCI	Condition Rating
4105	AC	192,015	48	Poor
4110	AC	3,508	54	Poor

AP S consists of 2 flexible pavement sections, totaling 195,523 sf. The last major construction date for the branch was 1992, resulting in an area-weighted average age at inspection of 30 years old. Overall, AP S is in Poor condition with an area-weighted average PCI of 48.

AP TERM

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
AP TERM	APRON	12	715,294	81	Satisfactory

The following bar graph shows proportional distribution (as % of area within branch) of condition categories among sections within the branch. Given the individual section data shown in the subsequent table, the distribution is as follows: 19% Good (86-100 PCI), 72% Satisfactory (71-85 PCI), 9% Fair (56-70 PCI).



Section ID	Surface Type	Section Area (SF)	PCI	Condition Rating
4205	PCC	278,175	82	Satisfactory
4206	AC	194,550	76	Satisfactory
4208	PCC	10,625	61	Fair
4210	AC	14,657	82	Satisfactory
4215	AC	32,858	70	Fair
4220	AC	31,145	75	Satisfactory
4225	PCC	102,541	95	Good
4230	AC	30,430	88	Good
4235	AAC	2,534	70	Fair
4240	AC	10,800	68	Fair

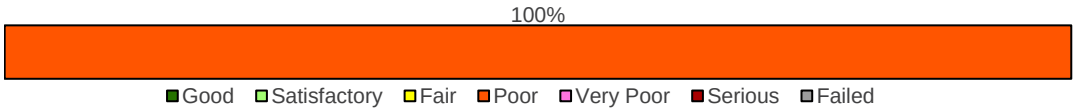
Section ID	Surface Type	Section Area (SF)	PCI	Condition Rating
4245	AAC	3,675	61	Fair
4250	AC	3,304	60	Fair

AP TERM consists of 9 flexible and 3 rigid pavement sections, totaling 715,294 sf. The last major construction dates range from 1993 to 2018, resulting in an area-weighted average age at inspection of 12 years old. Overall, AP TERM is in Satisfactory condition with an area-weighted average PCI of 81.

AP W

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
AP W	APRON	2	289,215	52	Poor

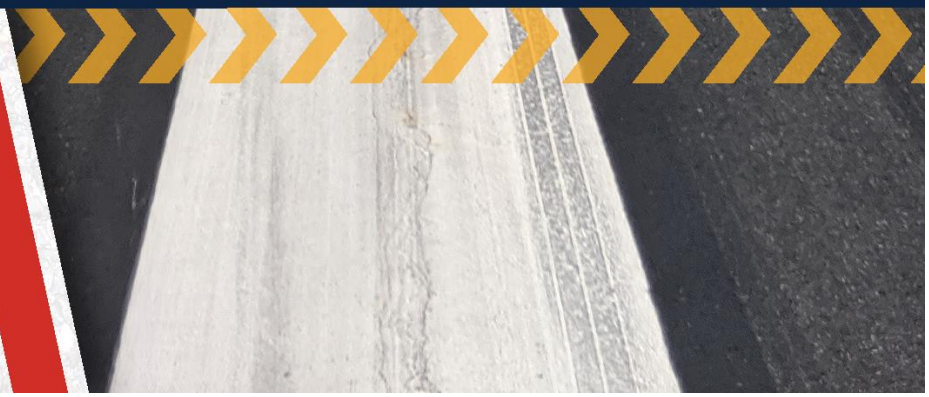
The following bar graph shows proportional distribution (as % of area within branch) of condition categories among sections within the branch. Given the individual section data shown in the subsequent table, the distribution is as follows: 100% Poor (41-55 PCI).



Section ID	Surface Type	Section Area (SF)	PCI	Condition Rating
4305	AC	206,301	51	Poor
4320	AC	82,914	55	Poor

AP W consists of 2 flexible pavement sections, totaling 289,215 sf. The last major construction date for the branch was 1999, resulting in an area-weighted average age at inspection of 22 years old. Overall, AP W is in Poor condition with an area-weighted average PCI of 52.

Chapter 5: SAPMP Customization



Chapter 5 – SAPMP Customization

Once the PAVER™ database is populated with inventory and condition data (including PCI and rank), it is further customized with key elements such as network-level attributes, performance models, critical PCI, maintenance policies, and unit costs that are specific to the FDOT SAPMP. Each of these factors play a role in the development of rehabilitation strategies as they help to identify maintenance and rehabilitation needs for long-term management.

The FDOT SAPMP is organized to provide airports with planning-level data and does not intend to preclude the responsible engineer from performing the appropriate level of investigation and analysis in determining the appropriate design details of a pavement rehabilitation. It would not be advisable to solely base design-level rehabilitation without the appropriate level of investigation and determination of pavement deterioration beyond that of a visual functional condition assessment.

5.1 Network-Level Customization

The network-level attribute fields used in the FDOT SAPMP PAVER™ database consist of the Network, Airport Classification, District, FAA ADO Area, Inspection Phase, and Continuing Florida Aviation System Planning Process (CFASPP) Center. Each of these elements are briefly defined below.

- The “Network” field identifies the airport being analyzed;
- The “Airport Classification” field classifies the Airport according to the type and volume of aircraft traffic;
  - “GA” for General Aviation, community airports
  - “RL” for Regional Relievers
  - “PR” for Primary/Commercial airports
- The “District” field identifies the FDOT District to which the Airport belongs;
- The “FAA ADO Area” is an area used by the Orlando ADO to assign airports within those areas to the responsible FAA ADO personnel (planners, engineers, and environmentalists);
- The “Inspection Phase” denotes which phase of the SAPMP the Airport is surveyed (Phase 1 or Phase 2); and
- The “CFASPP Center” identifies which Region or Metropolitan Area of the Continuing Florida Aviation Systems Planning Process an Airport falls within.

5.2 Pavement Condition Forecasts

Pavement performance models, alternatively known as forecast models, prediction curves, or family curves, are developed from past and current distress data, as well as age data. These prediction curves are used to develop forecasts of PCI values that then help determine optimum timing for pavement maintenance and rehabilitation.

5.2.1 Forecasting PCI Considerations

Performance models will continue to be refined as the FDOT updates the SAPMP with subsequent PCI surveys. With the refinement of additional PCI and age data points, the forecasting of pavement conditions will continue to better reflect the performance trends of airfield pavements in the FAS. As a reminder, forecasting of pavement condition for the Airport is intended for planning purposes only. **The estimation of forecasted PCI values gives no assurance of future pavement conditions as PCI values represent an engineering estimation to be used as a planning tool. Forecasted PCI data should not be the sole metric for determining the year in which a project should be planned. Design-level planning should be undertaken by the responsible engineer prior to the development of airfield design plans.** Design-level recommendations for pavement rehabilitation and/or reconstruction will require the appropriate application of the procedures defined in the FAA AC 150/5320-6F.

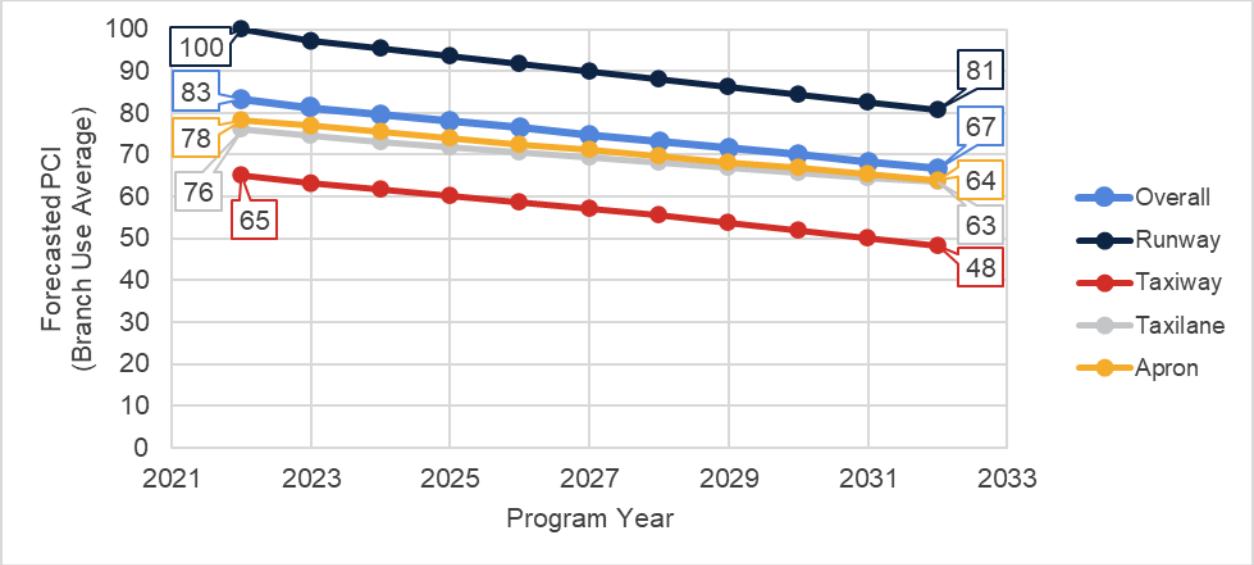
5.2.2 Performance Models

To develop pavement performance models, data for each section is combined into "groups" or "families" according to pavement type, traffic, and functional use. For the FDOT SAPMP, the models were defined for both PCC- and AC-surfaced pavements and further divided according to functional use. Based on average deterioration rates for different pavement types, each pavement section is assigned to a specific deterioration family to forecast the condition over a 10-year period.

5.2.3 Branch-Level Pavement Condition Forecast

Figure 5.2.3 depicts the branch-level pavement condition forecast for each branch use (Runway, Taxiway, Taxilane, and/or Apron) as well as the overall network. The condition forecasts are for a 10-year duration, starting in 2023 through 2032.

Figure 5.2.3: Forecasted Branch-Level Pavement Performance



5.2.4 Section-Level Pavement Condition Forecast

Table 5.2.4 provides section-level details for PCI forecasts. Pavement condition forecasts should be used for planning purposes only, as actual condition of sections is subject to the sensitivities in changes of traffic and maintenance frequency.

Table 5.2.4: Forecasted PCI Values 2023-2032 – Section-Level

Network ID	Branch ID	Section ID	Current PCI	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PGD	RW 4-22	6105	100	99	98	96	95	93	92	90	89	87	86
PGD	RW 4-22	6110	100	99	97	95	93	91	89	87	85	83	81
PGD	RW 4-22	6120	100	99	97	95	93	91	89	87	85	83	81
PGD	RW 4-22	6130	100	99	97	95	93	91	89	87	85	83	81
PGD	RW 4-22	6140	100	99	97	95	93	91	89	87	85	83	81
PGD	RW 9-27	6305	100	99	97	95	93	91	89	87	86	84	82
PGD	RW 15-33	6210	100	95	93	91	89	87	85	83	81	79	77
PGD	RW 15-33	6215	100	95	93	91	89	87	85	83	81	79	77
PGD	RW 15-33	6220	100	95	93	91	89	87	85	83	81	79	77
PGD	RW 15-33	6225	100	95	93	91	89	87	85	83	81	79	77
PGD	RW 15-33	6230	100	96	95	93	92	90	89	87	86	84	83
PGD	RW 15-33	6235	100	96	95	93	92	90	89	87	86	84	83
PGD	TW A	125	100	94	92	90	88	86	84	83	81	79	78
PGD	TW A	320	84	82	81	79	78	76	75	74	72	71	70
PGD	TW A	330	39	37	35	33	31	28	25	22	18	14	10
PGD	TW A2	365	61	60	59	58	57	56	55	54	53	53	52
PGD	TW C	305	46	45	44	43	42	40	39	37	35	33	31
PGD	TW C	310	54	53	53	52	51	51	50	50	49	48	48
PGD	TW C	315	86	84	81	79	77	75	73	71	70	68	66
PGD	TW D	105	100	94	92	90	88	86	84	83	81	79	78
PGD	TW D	115	48	47	47	46	45	44	43	41	40	38	36
PGD	TW D	120	54	53	53	52	51	51	50	50	49	48	48
PGD	TW D	155	59	58	57	56	55	54	54	53	52	52	51
PGD	TW E	510	100	94	92	90	88	86	84	83	81	79	78
PGD	TW E	520	100	97	94	92	90	88	86	85	83	81	80
PGD	TW E1	550	100	97	94	92	90	88	86	85	83	81	80
PGD	TW E2	560	57	56	55	54	54	53	52	51	50	49	47
PGD	TW E2	565	100	97	94	92	90	88	86	85	83	81	80
PGD	TW E3	570	100	97	94	92	90	88	86	85	83	81	80
PGD	TW F	1105	57	56	55	54	54	53	52	51	50	49	47
PGD	TW H	805	100	94	92	90	88	86	84	83	81	79	78
PGD	TL GA	3305	100	98	95	93	91	89	87	85	84	82	81
PGD	TL N HANG	3505	71	70	69	68	67	66	65	64	63	62	61
PGD	TL N HANG	3510	81	79	78	77	75	74	73	72	70	69	68
PGD	TL N HANG	3515	78	77	75	74	73	72	70	69	68	67	66
PGD	TL W HANG	3405	61	60	59	59	58	57	56	55	54	53	52
PGD	TL W HANG	3410	57	56	55	54	54	53	52	51	50	49	47
PGD	TL W HANG	3415	73	72	71	70	68	67	66	66	65	64	63
PGD	TL W HANG	3420	61	60	59	59	58	57	56	55	54	53	52

Network ID	Branch ID	Section ID	Current PCI	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PGD	TL W HANG	3425	60	59	58	58	57	56	55	54	53	52	51
PGD	TL W HANG	3430	67	66	65	64	63	62	62	61	60	59	58
PGD	TL W HANG	3435	29	27	25	23	21	19	17	15	13	11	9
PGD	AP FUEL	4405	100	99	97	96	95	94	93	92	91	90	89
PGD	AP FUEL	4410	100	98	97	95	93	92	90	88	87	85	83
PGD	AP GA	4505	100	99	97	96	95	94	93	92	91	90	89
PGD	AP GA	4510	100	98	97	95	93	92	90	88	87	85	83
PGD	AP S	4105	48	46	45	43	41	40	38	36	35	33	31
PGD	AP S	4110	54	52	51	49	47	46	44	42	41	39	37
PGD	AP TERM	4205	82	81	81	80	80	79	79	78	78	77	77
PGD	AP TERM	4206	76	74	73	71	69	68	66	64	63	61	59
PGD	AP TERM	4208	61	60	58	57	56	54	53	51	50	48	46
PGD	AP TERM	4210	82	80	79	77	75	74	72	70	69	67	65
PGD	AP TERM	4215	70	68	67	65	63	62	60	58	57	55	53
PGD	AP TERM	4220	75	73	72	70	68	67	65	63	62	60	58
PGD	AP TERM	4225	95	94	93	92	91	90	89	88	87	87	86
PGD	AP TERM	4230	88	86	85	83	81	80	78	76	75	73	71
PGD	AP TERM	4235	70	68	66	65	63	62	60	59	57	56	55
PGD	AP TERM	4240	68	66	65	63	61	60	58	56	55	53	51
PGD	AP TERM	4245	61	60	58	57	55	54	52	51	50	48	47
PGD	AP TERM	4250	60	58	57	55	53	52	50	48	47	45	43
PGD	AP W	4305	51	49	48	46	44	43	41	39	38	36	34
PGD	AP W	4320	55	53	52	50	48	47	45	43	42	40	38

5.3 Critical PCI Value

An important concept in pavement management is the critical PCI value, a value that prompts major rehabilitation activities. It serves as a condition threshold that helps determine a section's suitability to receive major work. As soon as a section's PCI reaches the critical PCI value, the rate of PCI loss (deterioration) is expected to increase. The critical PCI concept assumes that once a pavement section deteriorates to this critical level, it is more cost-effective to complete a major rehabilitation project rather than continuing to apply preventive maintenance or deferring major work until more costly reconstruction activities are required. **Figure 5.3 (a)** illustrates the benefit of applying lower cost preventive maintenance to extend the life of the pavement.

Figure 5.3 (a): Pavement Life and the Effect of Treatments

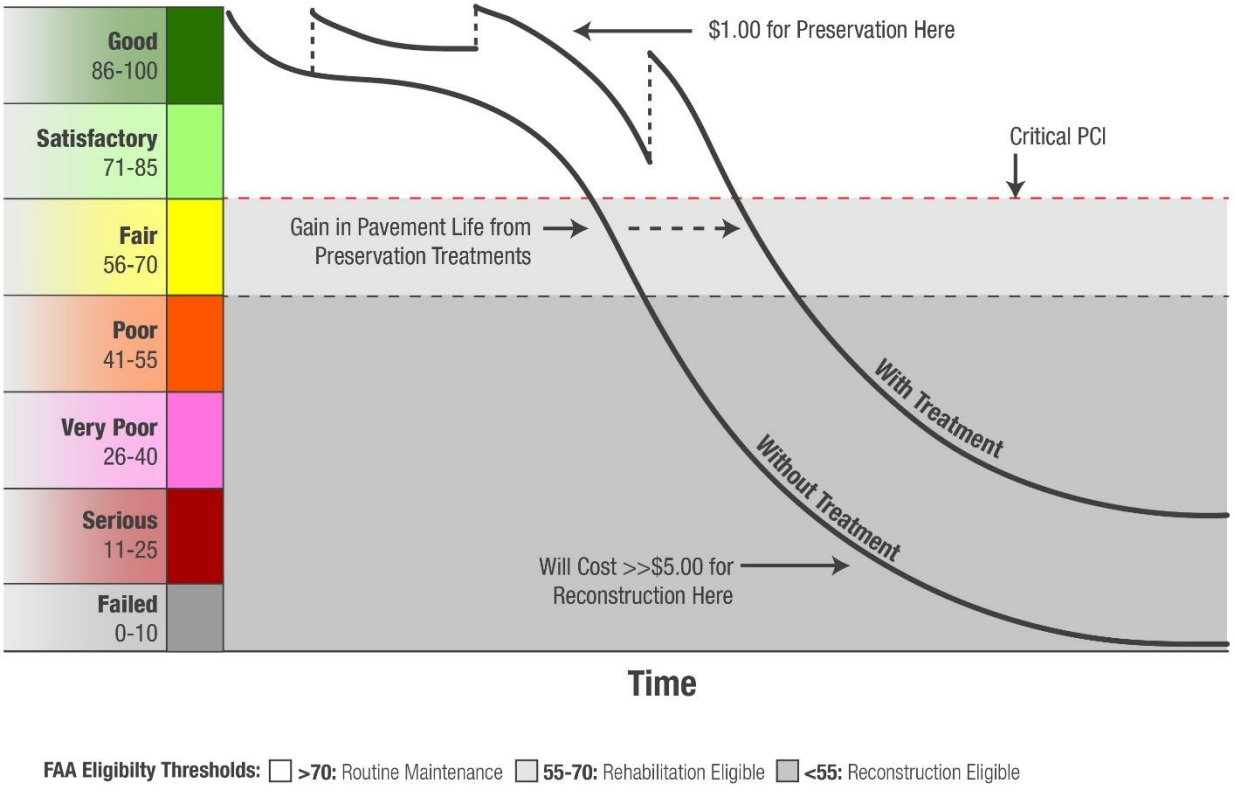


**Figure is for conceptual purposes only – unit costs are not specific to airfield pavements.*

Critical PCI values vary and are typically based on a pavement's surface type, functional use, and importance, or priority, in daily operations. Pavement priority is generally assigned based on the branch use of a pavement section. In previous System Updates, the critical PCI value was set to 65 for all functional uses. Now, based on FAA Order 5100.38D Change 1 Airport Improvement Handbook, issued February 26, 2019, the FAA has established pavement construction based on thresholds that distinguish Rehabilitation and Reconstruction. Pavement sections between PCI Values 55 and 70 will be considered for Rehabilitation and sections less than 55 will be considered for Reconstruction at the planning-level, as shown in **Table 5.3 (a)**. The FDOT SAPMP will

integrate the PCI thresholds for airfield pavement projects to maintain alignment with the FAA AIP and/or PFC eligibility for project planning. Moving forward, the critical PCI value will be defined at 70 for the FDOT SAPMP. Critical PCI values for this SAPMP System Update are shown in **Table 5.3 (b)**.

Table 5.3 (a): AIP Handbook PCI Requirements for Airfield Pavement Projects

Airfield Pavement Project Type	PCI Requirement
Reconstruction	PCI < 55 (Poor)
Rehabilitation	PCI < 70 (Fair)
Maintenance	N/A

**Source:* AIP Handbook, in reference to Runways, Taxiways, and Aprons as seen in table G-2, H-1, and I-1 respectively

Table 5.3 (b): Critical PCI Values by Branch Use

Runway	Taxiway	Apron
70	70	70

Figures 5.3 (b) and **5.3 (c)** depict the decision process for major rehabilitation project identification with the assumption of available funds (Shahin). Should funding be unavailable for pavement sections in need of major rehabilitation, the Airport may elect to apply appropriate localized stopgap repair strategies. As the figures show, once major rehabilitation has been applied, the PCI of the section is reset to 100.

Figure 5.3 (b): Major Rehabilitation Planning Decision Diagram, PCI < Critical PCI

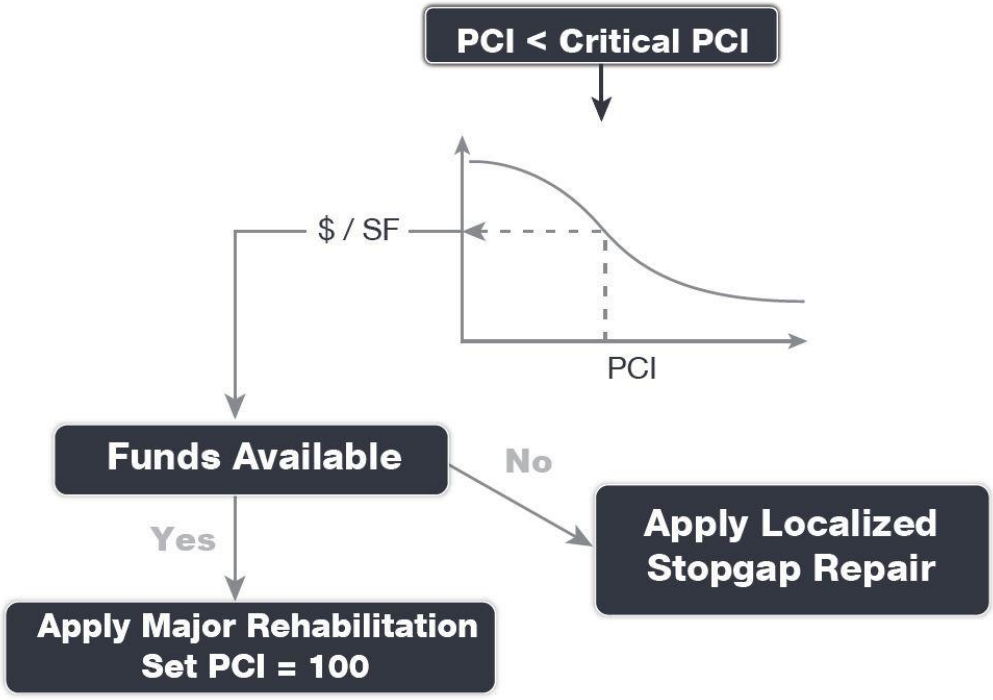
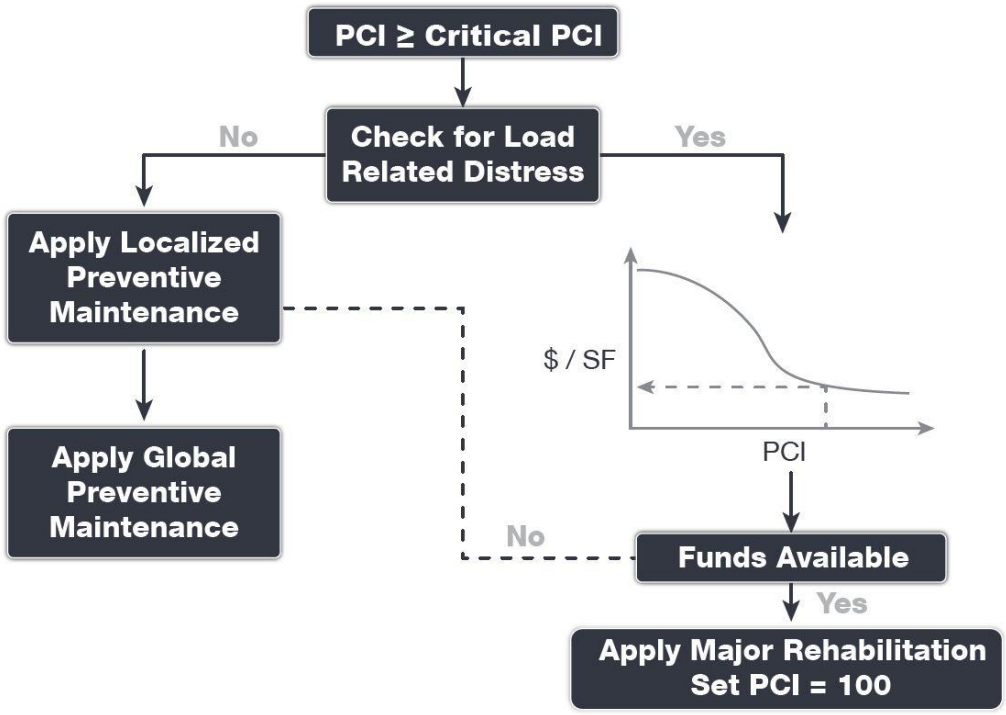


Figure 5.3 (c): Major Rehabilitation Planning Decision Diagram, PCI ≥ Critical PCI



5.4 Localized Maintenance and Repair

This section discusses both localized maintenance and major rehabilitation methods and how they may be most effectively applied to extend the life of the pavement network. General maintenance and rehabilitation (M&R) methods are characterized under two (2) broad categories: localized maintenance and major rehabilitation.

Localized maintenance is best applied as a conservation measure and is applied to slow the rate of pavement deterioration. It may, however, be applied as a temporary corrective measure in isolated areas. Proactive localized maintenance, and specifically preservation, is highly recommended to the Airport. However, it is recognized that once pavements have deteriorated below a certain condition threshold (the critical PCI value), the pavement benefits from more substantial rehabilitation in lieu of localized repairs.

Major rehabilitation is recommended when a pavement section falls below the critical PCI value or if a pavement section has a significant presence of load-related distress. Major rehabilitation efforts can correct or improve structural deficiencies and/or functional deterioration for pavement sections within a network.

M&R planning combines methods of repair to address the cause of the problem rather than just treating the symptom. For example, a PCC corner break may require slab under-sealing, full-depth patching, and joint sealing. While these repair methods apply to specific distress and pavement types, they also consider the impact of Foreign Object Debris (FOD) on aircraft operations. Untidy or improperly constructed repair activities may disintegrate and potentially create FOD at or near the repair site. Therefore, maintenance activities must include quality control monitoring to ensure that repairs are conducted properly and clean-up activities are undertaken to address this potential. The current version of the FAA Advisory Circular 150/5210-24 “Airport Foreign Object Debris (FOD) Management” provides additional guidance for developing and managing an airport FOD program.

5.4.1 Localized Maintenance and Repair Approach

Localized maintenance differs from major rehabilitation in that localized maintenance is applied based on the distresses observed and not an averaged or forecasted PCI value. Treatments are selected based on the appropriate corrective measure for a given distress type and severity level. Localized maintenance can be applied either as a preventive measure or a safety (“stopgap”) measure. The two (2) types of localized maintenance are described below in further detail.

- Localized Preventive Maintenance and Repair
  - Distress maintenance activities performed with the primary objective of slowing the rate of deterioration. These activities typically include crack sealing and patching.
- Localized Stopgap/Safety Maintenance and Repair
  - Defined as the localized distress repair needed to keep a pavement in a safe and operational condition. These activities are typically applied to high-severity distresses or distresses impacting operations.

5.4.2 Localized Work Types

The following sections provide detailed descriptions of the maintenance policy work types identified in the Localized Maintenance Policy.

AC Crack Sealing

Crack sealing is the process of cleaning and sealing (or resealing) cracks in AC pavements. This repair is used to fill longitudinal and transverse cracks, including reflective cracks and block cracks that are wider than 1/8-inch. The purpose of this treatment is to prevent water and incompressible materials from entering cracks and causing further deterioration of the pavement structure. Accumulation of incompressible materials in cracks may lead to spalling and is a source of FOD. Crack sealing is cost-effective when used as a preventive measure. Depending on the size of the crack, routing and cleaning the crack may be necessary to remove the loose material within the crack for better adherence of the crack sealant to the crack face. Measurement of this work type is typically in linear feet.

AC Full-Depth Patching

This technique involves replacing the full thickness of the AC layer and may include replacement of the base and subbase layers. Full-depth patching is used to repair structural and material-related distresses, such as alligator cracking, corrugation, depressions, rutting, slippage cracking, and swelling in AC pavements. This repair may be limited to the top AC layer (partial-depth patch) if the base and subbase layers exhibit no signs of deterioration. Measurement of this work type is typically in square feet or square yards.

AC Partial-Depth AC Patching

This technique involves the removal of a given thickness of the surface layer using a milling machine and adding back a layer of AC pavement. This technique removes the deteriorated layer and provides a good bond for an overlay. It can correct or improve the structural capacity or functional requirement, such as skid resistance and ride quality. This repair is used for surface distresses that can occur over a large area, such as raveling, shoving, and bleeding. While mill and replace can be a major rehabilitation M&R method when applied at a large scale, its application in a localized capacity to treat specific distress types also classifies it under localized maintenance for the purpose of this study. After milling operations are completed, any cracks still present should be cleaned and sealed prior to the placement of a tack coat and AC overlay layer(s). Measurement of this work type is typically in square feet or square yards.

Grinding

Grinding is the process of removing a thin layer of the existing concrete by grinding it with a series of closely spaced, rotating saw blades. This method is used to re-profile jointed concrete pavements with poor ride quality due to faulting or warping. Grinding is also used to restore transverse drainage and to provide a textured pavement surface. The concern with this type of maintenance is that if too much material is removed, the overall structural composition of the pavement section may change, potentially reducing the overall life of the pavement. Measurement of this work type is typically in square feet or square yards.

Monitor Pavement

Monitor pavement is recommended when the distresses do not interfere with ride quality, do not have FOD potential, and do not pose an immediate safety concern.

PCC Crack Sealing

Crack sealing is the process of routing, cleaning, and sealing (or resealing) cracks in PCC pavement to prevent water from infiltrating into the pavement foundation and to stop the accumulation of incompressible materials in the cracks. Water entering cracks can weaken the subgrade, potentially leading to pumping, corner breaks, and/or shattered slabs. Accumulation of incompressible materials in cracks may lead to spalling and is a source of FOD. Routing and cleaning of the crack is often necessary to adhere the crack sealant to both sides of the crack. Measurement of this work type is typically in linear feet.

PCC Full-Depth Patching

This type of M&R activity involves full-depth replacement of a portion of a PCC slab. This repair is used for medium- and high-severity corner breaks, medium-severity durability cracking, medium-severity blowups and buckling, and high-severity large patches. This repair requires restoring load transfer if near a joint or crack. Measurement of this work type is typically in square feet or square yards.

PCC Joint Seal

Joint sealing is the process of cleaning and sealing (or resealing) joints in PCC pavement to prevent water from infiltrating into the pavement foundation and to stop the accumulation of incompressible materials in the joints. Water entering joints can weaken the subgrade, potentially leading to pumping, corner breaks, and/or shattered slabs. Accumulation of incompressible materials in joints leads to spalling of the concrete and is a source of FOD. In some cases, it may be necessary to re-saw the pavement joints to remove old material prior to resealing. Measurement of this work type is typically in linear feet.

PCC Partial-Depth Patching

Partial-depth patching involves removing shallow, localized areas of deteriorated or spalled PCC pavement and replacing them with a suitable patch-like cement concrete or epoxy concrete. This method is used to repair distresses that are confined to the top few inches of the slab, such as joint and corner spalling. This repair would require restoring the joint sealant if near a joint. Measurement of this work type is typically in square feet or square yards.

PCC Slab Replacement

This type of M&R activity involves full-depth replacement of an entire PCC slab. This repair is used to repair high-severity blowups and buckling, high-severity durability cracking, medium- and high-severity shattered slabs, and medium- and high-severity ASR. This repair requires restoring load transfer with adjacent slabs through dowels or similar means. Measurement of this work type is typically in square feet or square yards.

Surface Seal

Application of a surface treatment provides AC-surfaced pavements with an unoxidized layer of bituminous material that can help extend the life of a pavement that is experiencing climate-related distresses such as weathering and raveling. The surface treatment can also serve as a repair that re-establishes a bond between aggregates, slowing pavement deterioration and reducing FOD potential. Measurement of this work type is typically in square feet or square yards.

5.4.3 Localized Maintenance Planning-Level Unit Costs

The activities identified here are based on research of practical pavement treatments in consideration of the FAA AC 150/5380-6C. The Localized Maintenance Policies and associated planning-level unit costs are developed in consideration of a network-level analysis.

The Localized Maintenance and Repair Policies and associated planning-level unit costs are based on a statewide consideration of pavement treatments and construction costs from both airfield pavements and the FDOT Historical Cost Information archives. Furthermore, a consideration of limited repair quantities is factored into the determination of conservative planning-level unit costs. Neither the FDOT nor the Consultant team have control over the cost of labor, materials, equipment, the Contractor's methods of determining prices, or over competitive bidding or market conditions. Opinions of probable construction costs provided herein are based on the information known to the FDOT at this time and represent only the Consultant team's judgment as a design professional familiar with the construction industry. This Report cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable construction costs.

Tables 5.4.3 (a) and **(b)** display the cost by maintenance activity for AC and PCC pavement types, respectively. Because the localized maintenance activities identified for both preventive and stopgap work types are based on a statewide network approach, project-specific evaluations and maintenance quantities should be developed prior to construction.

Table 5.4.3 (a): Localized M&R Planning-Level Unit Costs – Asphalt Concrete

Localized Work Type	Primary/Commercial Costs		Work Type Unit
AC Crack Sealing	$	4.00	LF
AC Full-Depth Patching	$	18.75	SF
AC Partial-Depth Patching	$	6.50	SF
Surface Seal	$	0.75	SF

Table 5.4.3 (b): Localized M&R Planning-Level Unit Costs – Portland Cement Concrete

Localized Work Type	Primary/Commercial Costs		Work Type Unit
Grinding	$	2.00	SF
PCC Crack Sealing	$	7.00	LF
PCC Joint Seal	$	4.25	LF
PCC Full-Depth Patching	$	75.00	SF
PCC Partial-Depth Patching	$	169.00	SF
PCC Slab Replacement	$	51.50	SF

**PCC Partial-Depth Patching considers high-early-strength and high-performing repair material.*

5.4.4 Localized Maintenance and Repair Policy

Table 5.4.4 and **Table 5.4.5** depicts the Localized Preventive Maintenance Policy and the Localized Stopgap Maintenance Policy for AC and PCC pavements. The resulting Localized Maintenance recommendations for this program are identified based on this policy.

Table 5.4.4: AC Pavement Localized Preventive& Stopgap Maintenance & Repair Policy

Distress	Severity	Description	AC Preventive Work Type	AC Stopgap Work Type
41	Low	Alligator Cracking	Monitor Pavement	Monitor Pavement
41	Medium	Alligator Cracking	AC Full Depth Patching	AC Full Depth Patching
41	High	Alligator Cracking	AC Full Depth Patching	AC Full Depth Patching
42	N/A	Bleeding	Monitor Pavement	Monitor Pavement
43	Low	Block Cracking	Monitor Pavement	Monitor Pavement
43	Medium	Block Cracking	AC Crack Sealing	Monitor Pavement
43	High	Block Cracking	AC Crack Sealing	AC Crack Sealing
44	Low	Corrugation	Monitor Pavement	Monitor Pavement
44	Medium	Corrugation	AC Full Depth Patching	Monitor Pavement
44	High	Corrugation	AC Full Depth Patching	AC Full Depth Patching
45	Low	Depression	Monitor Pavement	Monitor Pavement
45	Medium	Depression	AC Full Depth Patching	Monitor Pavement
45	High	Depression	AC Full Depth Patching	AC Full Depth Patching
46	N/A	Jet Blast	Monitor Pavement	Monitor Pavement
47	Low	Jt. Reflective Cracking	Monitor Pavement	Monitor Pavement
47	Medium	Jt. Reflective Cracking	AC Crack Sealing	Monitor Pavement
47	High	Jt. Reflective Cracking	AC Full Depth Patching	AC Full Depth Patching
48	Low	L&T Cracking	Monitor Pavement	Monitor Pavement
48	Medium	L&T Cracking	AC Crack Sealing	Monitor Pavement
48	High	L&T Cracking	AC Full Depth Patching	AC Full Depth Patching
49	N/A	Oil Spillage	Monitor Pavement	Monitor Pavement
50	Low	Patching	Monitor Pavement	Monitor Pavement
50	Medium	Patching	AC Full Depth Patching	Monitor Pavement
50	High	Patching	AC Full Depth Patching	AC Full Depth Patching
51	N/A	Polished Aggregate	Monitor Pavement	Monitor Pavement
52	Low	Raveling	Surface Seal	Monitor Pavement
52	Medium	Raveling	Surface Seal	Monitor Pavement
52	High	Raveling	AC Partial Depth Patching	AC Partial Depth Patching
53	Low	Rutting	Monitor Pavement	Monitor Pavement
53	Medium	Rutting	AC Full Depth Patching	Monitor Pavement
53	High	Rutting	AC Full Depth Patching	AC Full Depth Patching
54	Low	Shoving	Monitor Pavement	Monitor Pavement
54	Medium	Shoving	AC Partial Depth Patching	Monitor Pavement
54	High	Shoving	AC Full Depth Patching	AC Full Depth Patching
55	N/A	Slippage Cracking	AC Full Depth Patching	AC Full Depth Patching
56	Low	Swelling	Monitor Pavement	Monitor Pavement
56	Medium	Swelling	AC Full Depth Patching	Monitor Pavement
56	High	Swelling	AC Full Depth Patching	AC Full Depth Patching

Distress	Severity	Description	AC Preventive Work Type	AC Stopgap Work Type
57	Low	Weathering	Monitor Pavement	Monitor Pavement
57	Medium	Weathering	Surface Seal	Monitor Pavement
57	High	Weathering	AC Partial Depth Patching	Surface Seal

Table 5.4.5: PCC Pavement Localized Preventive& Stopgap Maintenance & Repair Policy

Distress	Severity	Description	PCC Preventive Work Type	PCC Stopgap Work Type
61	Low	Blow-up	PCC Full Depth Patching	Monitor Pavement
61	Medium	Blow-up	PCC Full Depth Patching	PCC Full Depth Patching
61	High	Blow-up	PCC Slab Replacement	PCC Slab Replacement
62	Low	Corner Break	Monitor Pavement	Monitor Pavement
62	Medium	Corner Break	PCC Full Depth Patching	PCC Full Depth Patching
62	High	Corner Break	PCC Full Depth Patching	PCC Full Depth Patching
63	Low	Linear Cracking	Monitor Pavement	Monitor Pavement
63	Medium	Linear Cracking	PCC Crack Sealing	PCC Crack Sealing
63	High	Linear Cracking	PCC Full Depth Patching	PCC Crack Sealing
64	Low	Durability Cracking	Monitor Pavement	Monitor Pavement
64	Medium	Durability Cracking	PCC Full Depth Patching	PCC Full Depth Patching
64	High	Durability Cracking	PCC Slab Replacement	PCC Slab Replacement
65	Low	Jt. Seal Damage	PCC Joint Seal	Monitor Pavement
65	Medium	Jt. Seal Damage	PCC Joint Seal	Monitor Pavement
65	High	Jt. Seal Damage	PCC Joint Seal	PCC Joint Seal
66	Low	Small Patch	Monitor Pavement	Monitor Pavement
66	Medium	Small Patch	PCC Partial Depth Patching	Monitor Pavement
66	High	Small Patch	PCC Partial Depth Patching	PCC Partial Depth Patching
67	Low	Large Patch	Monitor Pavement	Monitor Pavement
67	Medium	Large Patch	PCC Full Depth Patching	Monitor Pavement
67	High	Large Patch	PCC Full Depth Patching	PCC Full Depth Patching
68	N/A	Popouts	Monitor Pavement	Monitor Pavement
69	N/A	Pumping	Monitor Pavement	Monitor Pavement
70	Low	Scaling	Monitor Pavement	Monitor Pavement
70	Medium	Scaling	PCC Slab Replacement	Monitor Pavement
70	High	Scaling	PCC Slab Replacement	PCC Slab Replacement
71	Low	Faulting	Monitor Pavement	Monitor Pavement
71	Medium	Faulting	Grinding	Monitor Pavement
71	High	Faulting	PCC Slab Replacement	PCC Slab Replacement
72	Low	Shattered Slab	PCC Crack Sealing	Monitor Pavement
72	Medium	Shattered Slab	PCC Slab Replacement	PCC Crack Sealing
72	High	Shattered Slab	PCC Slab Replacement	PCC Slab Replacement
73	N/A	Shrinkage Cracking	Monitor Pavement	Monitor Pavement

Distress	Severity	Description	PCC Preventive Work Type	PCC Stopgap Work Type
74	Low	Joint Spall	Monitor Pavement	Monitor Pavement
74	Medium	Joint Spall	PCC Partial Depth Patching	PCC Partial Depth Patching
74	High	Joint Spall	PCC Partial Depth Patching	PCC Partial Depth Patching
75	Low	Corner Spall	Monitor Pavement	Monitor Pavement
75	Medium	Corner Spall	PCC Partial Depth Patching	PCC Partial Depth Patching
75	High	Corner Spall	PCC Partial Depth Patching	PCC Partial Depth Patching
76	Low	ASR	Monitor Pavement	Monitor Pavement
76	Medium	ASR	PCC Slab Replacement	PCC Slab Replacement
76	High	ASR	PCC Slab Replacement	PCC Slab Replacement

5.5 Major Rehabilitation

Major rehabilitation is recommended to correct or improve structural deficiencies and/or functional deterioration. Often, when pavements are subject to significant changes in the aircraft fleet mix (frequency and type), major rehabilitation is required to provide a pavement section that can meet the structural demands of traffic loading. Major rehabilitation is generally described as a pavement construction that removes and replaces the pavement surface, thus resetting the PCI value to 100 and the pavement age to zero. Typical policies include full- and partial-depth reconstruction and mill and overlay.

5.5.1 Major Rehabilitation Pavement Section Development

Once the timing of the major rehabilitation activity is determined based on the PCI value, existing as-built record documentation is used to determine typical rehabilitation processes and pavement sections. Refinement of the pavement section layers is performed in consideration of the FAA AC 150/5320-6F. It should be noted that no subsurface geotechnical investigation, American Land Title Association (ALTA)/American Congress on Surveying and Mapping (ACSM) Survey, topographic survey, utilities survey, environmental, or site-specific air traffic study(s) have been utilized in the development of the design criteria. No warranty or assurance is implied in this document for final design nor construction for any airfield pavements discussed within this Report.

Major rehabilitation is divided into two (2) policy categories as part of this System Update: Full-Depth Reconstruction (Reconstruction) and Intermediate Major Rehabilitation (Rehabilitation). Based on the pavement type, the general categories are defined as AC Reconstruction and AC Rehabilitation for AC, AAC, and APC pavement types, and PCC Reconstruction and PCC Rehabilitation for PCC pavement types. The pavement sections are based on the average Primary/Commercial Airport Type requirements; no pavement design has been performed in accordance with the FAA AC 150/5320-6F for the determined conceptual sections. **Table 5.5.1** provide details on the conceptual pavement sections developed for this study.

Table 5.5.1: Conceptual Pavement Sections for Major Rehabilitation

Rehabilitation Type	Primary/Commercial Pavement Section
AC Reconstruction	
Full-depth asphalt pavement section reconstruction. Removal of existing pavement section and construction of a new section. ***PCI < 55***	Pavement Removal
	Unclassified Excavation
	Subgrade Stabilization (12")
	Limerock Base Course (8")
	Prime Coat
	Tack Coat
	P-403 Stabilized Base Course (5")
	P-401 Surface Course (4")
	Excludes any paved shoulder features
AC Rehabilitation	
Combination of asphalt pavement milling and replacement overlay with 15% of the areas subject to full-depth reconstruction. ***PCI = 55 to 70***	**15% AC Reconstruction**
	Mill and Overlay
	AC Milling (4")
	Tack Coat
	P-401 Surface Course (4")
	Excludes any paved shoulder features
PCC Reconstruction	
Full-depth rigid pavement section reconstruction. ***PCI < 55***	Pavement Removal
	Unclassified Excavation
	Subgrade Stabilization (12")
	Limerock Base Course (6")
	Prime Coat
	Tack Coat
	P-403 Stabilized Base Course (5")
	P-501 PCC Pavement (17")
	PCC Joint Seal
PCC Rehabilitation	
Rehabilitation of PCC pavement with a combination of crack sealing, joint seal replacement, limited patching, and replacement of 15% of slab panels. ***PCI = 55 to 70***	**15% Slab Replacement**
	Joint and Crack Seal
	Limited Patching

The identification of rehabilitation needs and conceptual pavement sections have been determined at the planning level. Design-level investigation is recommended prior to developing construction-level design documents and budgets. **This type of construction typically warrants consideration for non-pavement efforts that may include drainage, turfing, electrical lighting, pavement marking, construction contingency, mobilization costs, and project soft costs.**

Reconstruction (AC or PCC)

Reconstruction is the removal and replacement of the existing AC or PCC pavement and base layer and includes preparation of the existing subgrade material. This technique is utilized when the pavement is badly deteriorated or a structural improvement is required. Reconstruction is used when the pavements are structurally deficient and an overlay is not possible due to adjacent pavement grades.

AC Rehabilitation

AC Rehabilitation, for the purposes of this SAPMP, is a removal of all or a portion of the asphalt surface through milling and replacing the milled depth with an overlay of asphalt. This rehabilitation activity is typically applied to pavement that does not require a structural improvement and does not display an extensive amount of load-related distresses. However, this work type conservatively accounts for 15% of the planned area to receive a full-depth replacement of the pavement structure. This is meant to capture any deficiencies that may not be apparent from a visual evaluation of the surface of the pavement. This work type occurs on pavement sections with a PCI value between 55 and 70. As a general rule of thumb, intermediate rehabilitation activities have a shorter pavement life compared to a full-depth reconstruction, but AC Rehabilitation will still reset the pavement to a PCI of 100.

PCC Rehabilitation

PCC Rehabilitation, for the purposes of this SAPMP, is a planning-level estimate of several concurrent PCC maintenance activities intended to raise the PCI above Critical without reconstructing the entire area. This work type accounts for the replacement of 15% of the slabs as well as a PCC patching, crack sealing, and joint sealing for areas outside of the panel replacement. This work type occurs on pavement sections with a PCI value between 55 and 70.

5.5.2 Major Rehabilitation Planning-Level Unit Costs

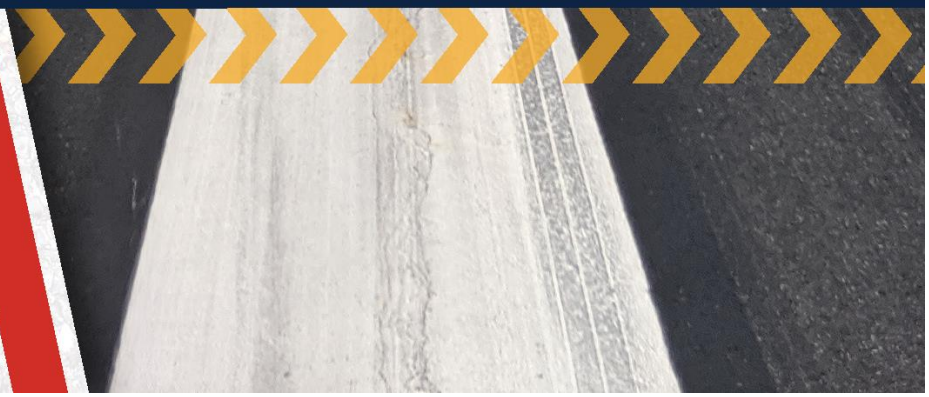
Planning-level opinions of probable construction cost developed for this System Update are based on archived bid tabulations and records from airfield pavement projects provided by participating airports. A review of cost trends and cost factors have been incorporated to assist airports in planning for project budgets.

Neither the FDOT nor the Consultant team have control over the cost of labor, materials, equipment, Contractor's methods of determining prices, or over competitive bidding or market conditions. Opinions of probable construction costs provided herein are based on the information known to the FDOT at this time and represent only the Consultant team's judgment as a design professional familiar with the construction industry. This Report cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable construction costs. **Table 5.5.2** depicts the associated work type planning-level unit costs for Major Rehabilitation for each pavement type.

Table 5.5.2: PR Major Rehabilitation Planning-Level Unit Cost by Pavement Type

Rehabilitation Type	PCI Range	Asphalt Concrete Cost per SF	Portland Cement Concrete Cost Per SF
Rehabilitation	55 to 70	$14.00	$30.50
Reconstruction	0 to 55	$30.50	$60.00

Chapter 6: M&R Planning and Budget Scenario Analysis



Chapter 6 – M&R Planning and Budget Scenario Analysis

6.1 Localized Maintenance and Repair Analysis and Recommendations

This FDOT SAPMP System Update provides a planning-level estimation of Localized Maintenance and Repair costs based on the results of the latest PCI assessment performed at the Airport. Due to the limited sample units inspected in certain pavement sections, a statistical extrapolation of distresses is used to estimate the quantities of recommended repair activities at the section level, based the policies defined in **5.4.4 Localized Maintenance and Repair Policy**. These work quantities are limited to a near-term application since they were determined directly from the PCI assessment efforts. As pavements continue to deteriorate year-to-year, quantities and/or distress severities may increase, which will affect the amount and type of localized maintenance required. This analysis can be utilized as a planning tool to assist Airport staff in determining an annual budget allocation for maintenance activities that will help maintain Airport pavements above the critical PCI value and extend the life of the pavement.

Table 6.1 (a) provides a summary of the anticipated planning-level costs for Year 1 Localized Preventive Maintenance and Localized Stopgap Maintenance. The following table depicts planning-level costs rounded up to the next 10-dollar increment.

Table 6.1 (a): Year 1 Summary of Localized Maintenance

Work Category	Cost
Preventive	$ 285,210
Stopgap	$ 54,010
Planning-Level Localized M&R Needs =	***$ 339,220***

Localized Preventive Maintenance is typically applied to pavements that are in a condition above the critical PCI value of the pavement section. Localized Stopgap Maintenance is typically applied to pavement sections that are at or below the critical PCI value. Application of localized maintenance and repair should be coordinated with the planning of major rehabilitation efforts identified through the Major Rehabilitation analysis. Pavements with stopgap recommendations that are subject to near-term major rehabilitation efforts may remove the need to perform localized (stopgap) maintenance efforts in subsequent years.

Table 6.1 (b) summarizes the anticipated Year 1 Localized Maintenance recommendations by work type, based on the PCI assessment efforts performed as part of this SAPMP System Update. The following table depicts planning-level costs rounded up to the next 10-dollar increment.

Table 6.1 (b): Year 1 Localized Maintenance by Work Type Summary

Localized Maintenance Category	Localized Work Type	Rough Estimate of Work Quantity	Work Units	Planning Material Cost
Localized Preventive Maintenance	Surface Seal	250,193	SF	$ 187,680
	PCC Joint Seal	21,300	LF	$ 90,540
	PCC Partial-Depth Patching	41	SF	$ 6,990
Localized Stopgap Maintenance	AC Full-Depth Patching	1,421	SF	$ 26,650
	PCC Partial-Depth Patching	163	SF	$ 27,360

Table 6.1 (c) provides a breakdown of the anticipated planning-level costs by section for those areas exhibiting distresses that would benefit from Year 1 Localized M&R. The table shows the approximate improved "End Condition" PCI value of the section after the application of Localized M&R. This approximation is intended to depict a planning-level estimate of the effect of the localized M&R on the section-level PCI; the performance of the work does not guarantee the pavement will not deteriorate in other ways outside of the described treatment. The following table depicts planning-level costs rounded up to the next 10-dollar increment.

Table 6.1 (c): Section-Level Year 1 Localized M&R Planning Cost Summary

Network ID	Branch ID	Section ID	Area (SF)	Start PCI	End PCI	Cost
PGD	RW 4-22	6105	431,700	100	100	$ -
PGD	RW 4-22	6110	446,940	100	100	$ -
PGD	RW 4-22	6120	129,780	100	100	$ -
PGD	RW 4-22	6130	42,030	100	100	$ -
PGD	RW 4-22	6140	28,800	100	100	$ -
PGD	RW 9-27	6305	158,160	100	100	$ -
PGD	RW 15-33	6210	249,444	100	100	$ -
PGD	RW 15-33	6215	498,888	100	100	$ -
PGD	RW 15-33	6220	26,644	100	100	$ -
PGD	RW 15-33	6225	53,287	100	100	$ -
PGD	RW 15-33	6230	29,550	100	100	$ -
PGD	RW 15-33	6235	59,100	100	100	$ -
PGD	TW A	125	20,593	100	100	$ -
PGD	TW A	320	162,031	84	84	$ -
PGD	TW A	330	271,000	39	41	$ 16,050
PGD	TW A2	365	38,414	61	61	$ -
PGD	TW C	305	48,969	46	46	$ -
PGD	TW C	310	158,559	54	54	$ -
PGD	TW C	315	23,546	86	86	$ -
PGD	TW D	105	69,571	100	100	$ -
PGD	TW D	115	211,450	48	48	$ -
PGD	TW D	120	43,181	54	54	$ -
PGD	TW D	155	4,146	59	59	$ -
PGD	TW E	510	26,501	100	100	$ -
PGD	TW E	520	99,925	100	100	$ -
PGD	TW E1	550	18,357	100	100	$ -
PGD	TW E2	560	4,005	57	57	$ -

Network ID	Branch ID	Section ID	Area (SF)	Start PCI	End PCI	Cost
PGD	TW E2	565	3,627	100	100	$ -
PGD	TW E3	570	13,758	100	100	$ -
PGD	TW F	1105	50,341	57	57	$ -
PGD	TW H	805	65,942	100	100	$ -
PGD	TL GA	3305	98,086	100	100	$ -
PGD	TL N HANG	3505	79,013	71	93	$ 59,260
PGD	TL N HANG	3510	35,068	81	87	$ 5,270
PGD	TL N HANG	3515	19,242	78	83	$ 2,170
PGD	TL W HANG	3405	22,295	61	61	$ -
PGD	TL W HANG	3410	15,629	57	57	$ -
PGD	TL W HANG	3415	7,080	73	78	$ 1,330
PGD	TL W HANG	3420	45,846	61	64	$ 4,280
PGD	TL W HANG	3425	27,208	60	62	$ 4,460
PGD	TL W HANG	3430	14,668	67	67	$ -
PGD	TL W HANG	3435	5,687	29	34	$ 1,860
PGD	AP FUEL	4405	7,333	100	100	$ -
PGD	AP FUEL	4410	7,990	100	100	$ -
PGD	AP GA	4505	11,231	100	100	$ -
PGD	AP GA	4510	516,802	100	100	$ -
PGD	AP S	4105	192,015	48	48	$ -
PGD	AP S	4110	3,508	54	54	$ -
PGD	AP TERM	4205	278,175	82	85	$ 90,530
PGD	AP TERM	4206	194,550	76	93	$ 105,760
PGD	AP TERM	4208	10,625	61	72	$ 27,350
PGD	AP TERM	4210	14,657	82	90	$ 2,200
PGD	AP TERM	4215	32,858	70	70	$ -
PGD	AP TERM	4220	31,145	75	91	$ 11,680
PGD	AP TERM	4225	102,541	95	100	$ 6,990
PGD	AP TERM	4230	30,430	88	88	$ -
PGD	AP TERM	4235	2,534	70	70	$ -
PGD	AP TERM	4240	10,800	68	68	$ -
PGD	AP TERM	4245	3,675	61	61	$ -
PGD	AP TERM	4250	3,304	60	60	$ -
PGD	AP W	4305	206,301	51	51	$ -
PGD	AP W	4320	82,914	55	55	$ -

6.2 Major Rehabilitation Needs

Major rehabilitation is identified within the FDOT SAPMP as a major construction activity that results in a substantial improvement to the pavement condition and resets the pavement section's PCI value to 100. Major rehabilitation recommendations (AC Rehabilitation, AC Reconstruction, PCC Rehabilitation, and PCC Reconstruction) should be considered as planning-level only. Additional design-level investigation in accordance with FAA Advisory Circulars is required. Recommendations identified within this planning document do not imply final design.

The objective of the Major Pavement Rehabilitation Needs analysis is to develop planning-level projects within an Airport's airfield pavement network. As depicted in **Figures 5.3 (b)** and **(c)** in

Chapter 5, major rehabilitation activities are recommended when a pavement section has deteriorated below the critical PCI value, a point at which localized maintenance and repair activities may not be a cost-effective solution. In addition, major rehabilitation is also recommended when the section's PCI value is above the critical PCI value with the section exhibiting a significant amount of load-related distresses. Identification of rehabilitation needs is done at the section-level. This, however, does not limit the Airport from further refining limits of project planning areas.

6.2.1 10-Year Unconstrained Budget Major Rehabilitation Needs

Major rehabilitation needs are identified by analyzing the Airport's pavement condition in relationship to critical PCI values, major rehabilitation policies, and unit costs, assuming there are no budget constraints. This is done over a 10-year analysis period. While this is financially impractical, it does yield the unbiased pavement needs over a 10-year time frame at the Airport given current and forecasted pavement conditions. The FDOT recognizes that airports are constrained by budgets and does not intend to convey an unrealistic approach of addressing pavement rehabilitation. Each airport has a unique set of challenges and FDOT's goals are to provide it with the data needed to formulate a practical Capital Improvement Program and identify needs in the Joint Automated Capital Improvement Program (JACIP). This includes:

- An estimation of current pavement condition;
- Major pavement rehabilitation needs based on condition and policies; and
- Planning-level cost estimates for the major rehabilitation needs.

Table 6.2.1 (a) summarizes section-level major rehabilitation needs forecasted for a 10-year period. It should be noted that the following table depicts planning-level costs and has been rounded up to the nearest $1,000 for planning purposes.

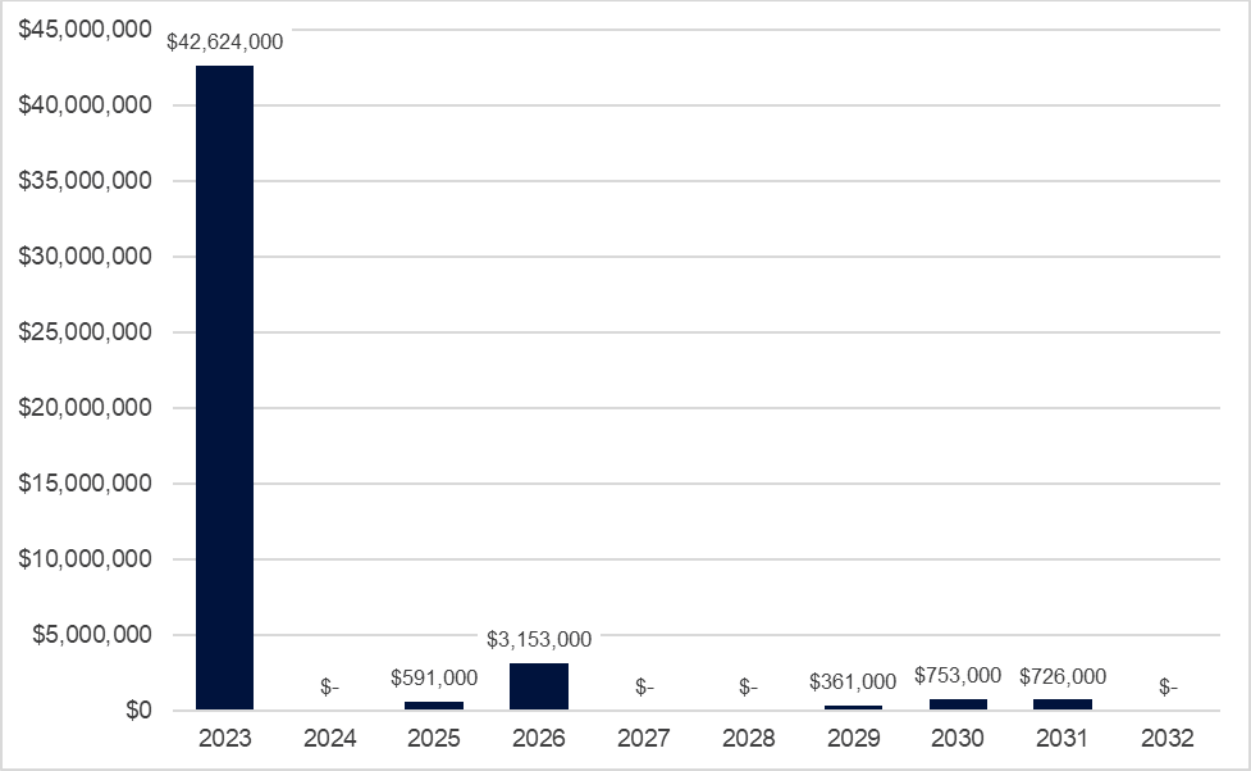
Table 6.2.1 (a): Section-Level 10-Year Major Rehabilitation Needs

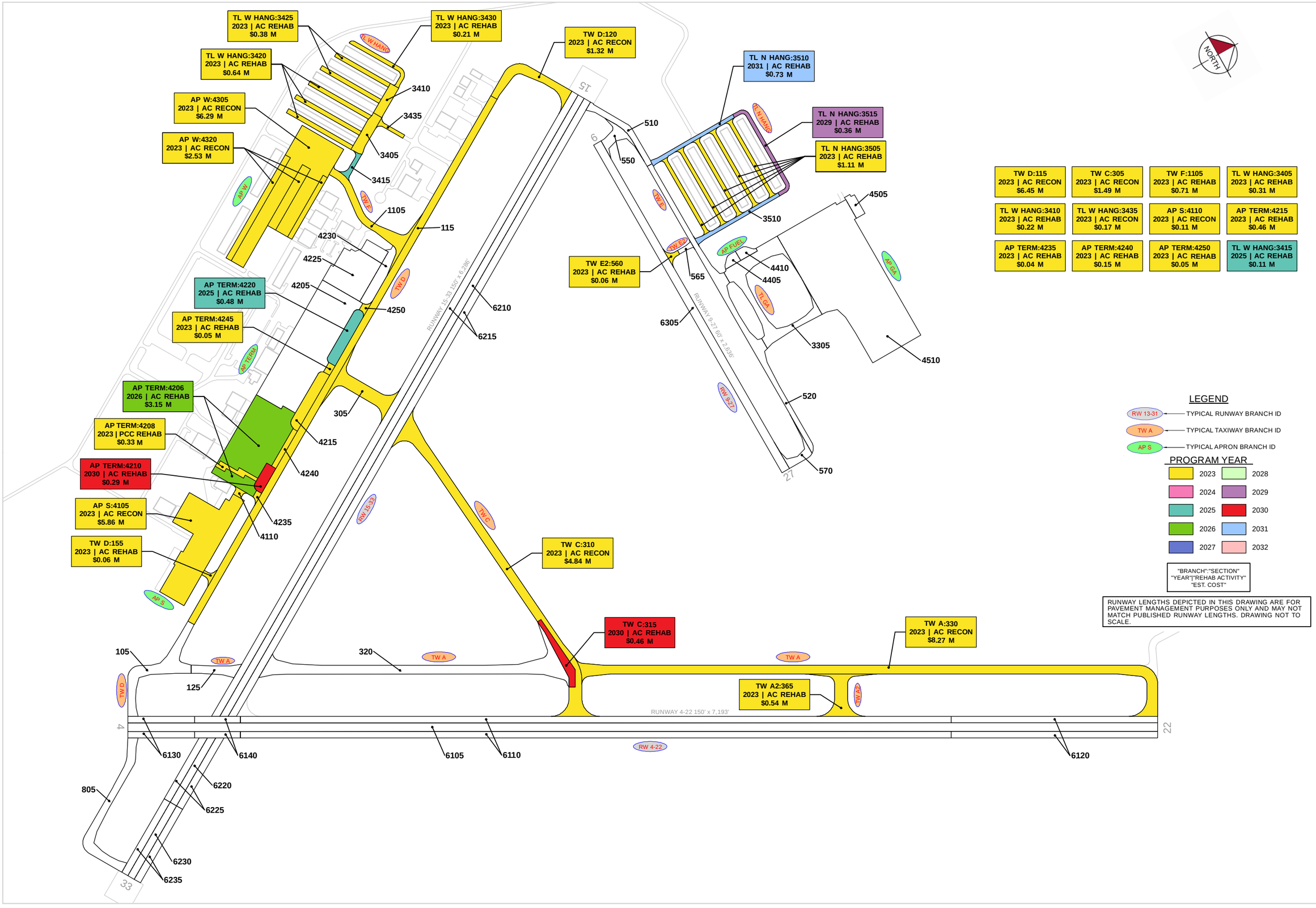
Program Year	Network ID	Branch ID	Section ID	Surface	Area (SF)	PCI Before	Rehabilitation Type	Planning Cost Estimate
2023	**PGD**	TW A	330	AAC	271,000	37	AC Reconstruction	$ 8,266,000
2023	**PGD**	TW A2	365	AAC	38,414	60	AC Rehabilitation	$ 538,000
2023	**PGD**	TW C	305	AAC	48,969	45	AC Reconstruction	$ 1,494,000
2023	**PGD**	TW C	310	AAC	158,559	53	AC Reconstruction	$ 4,837,000
2023	**PGD**	TW D	115	AAC	211,450	47	AC Reconstruction	$ 6,450,000
2023	**PGD**	TW D	120	AAC	43,181	53	AC Reconstruction	$ 1,318,000
2023	**PGD**	TW D	155	AAC	4,146	58	AC Rehabilitation	$ 59,000
2023	**PGD**	TW E2	560	AC	4,005	56	AC Rehabilitation	$ 57,000
2023	**PGD**	TW F	1105	AC	50,341	56	AC Rehabilitation	$ 705,000
2023	**PGD**	TL N HANG	3505	AC	79,013	70	AC Rehabilitation	$ 1,107,000
2023	**PGD**	TL W HANG	3405	AC	22,295	60	AC Rehabilitation	$ 313,000
2023	**PGD**	TL W HANG	3410	AC	15,629	56	AC Rehabilitation	$ 219,000
2023	**PGD**	TL W HANG	3420	AC	45,846	60	AC Rehabilitation	$ 642,000
2023	**PGD**	TL W HANG	3425	AC	27,208	59	AC Rehabilitation	$ 381,000
2023	**PGD**	TL W HANG	3430	AC	14,668	66	AC Rehabilitation	$ 206,000
2023	**PGD**	TL W HANG	3435	AC	5,687	27	AC Reconstruction	$ 174,000

Program Year	Network ID	Branch ID	Section ID	Surface	Area (SF)	PCI Before	Rehabilitation Type	Planning Cost Estimate
2023	**PGD**	AP S	4105	AC	192,015	46	AC Reconstruction	$ 5,857,000
2023	**PGD**	AP S	4110	AC	3,508	52	AC Reconstruction	$ 107,000
2023	**PGD**	AP TERM	4208	PCC	10,625	60	PCC Rehabilitation	$ 325,000
2023	**PGD**	AP TERM	4215	AC	32,858	68	AC Rehabilitation	$ 460,000
2023	**PGD**	AP TERM	4235	AAC	2,534	68	AC Rehabilitation	$ 36,000
2023	**PGD**	AP TERM	4240	AC	10,800	66	AC Rehabilitation	$ 152,000
2023	**PGD**	AP TERM	4245	AAC	3,675	60	AC Rehabilitation	$ 52,000
2023	**PGD**	AP TERM	4250	AC	3,304	58	AC Rehabilitation	$ 47,000
2023	**PGD**	AP W	4305	AC	206,301	49	AC Reconstruction	$ 6,293,000
2023	**PGD**	AP W	4320	AC	82,914	53	AC Reconstruction	$ 2,529,000
2025	**PGD**	TL W HANG	3415	AC	7,080	70	AC Rehabilitation	$ 110,000
2025	**PGD**	AP TERM	4220	AC	31,145	70	AC Rehabilitation	$ 481,000
2026	**PGD**	AP TERM	4206	AC	194,550	69	AC Rehabilitation	$ 3,153,000
2029	**PGD**	TL N HANG	3515	AC	19,242	69	AC Rehabilitation	$ 361,000
2030	**PGD**	TW C	315	AAC	23,546	70	AC Rehabilitation	$ 464,000
2030	**PGD**	AP TERM	4210	AC	14,657	69	AC Rehabilitation	$ 289,000
2031	**PGD**	TL N HANG	3510	AC	35,068	69	AC Rehabilitation	$ 726,000

Figure 6.2.1 (a) summarizes the section-level major rehabilitation needs for a 10-year period between 2023 and 2032. **Figure 6.2.1 (b)**, the Airfield Pavement Major Rehabilitation Exhibit, graphically depicts the major rehabilitation needs with rounded costs. As suggested previously, this is planning-level data that can be used by the Airport to support developing a practical CIP.

Figure 6.2.1 (a): 10-Year Major Rehabilitation Needs by Program Year





PGD

AIRFIELD PAVEMENT MAJOR REHABILITATION EXHIBIT

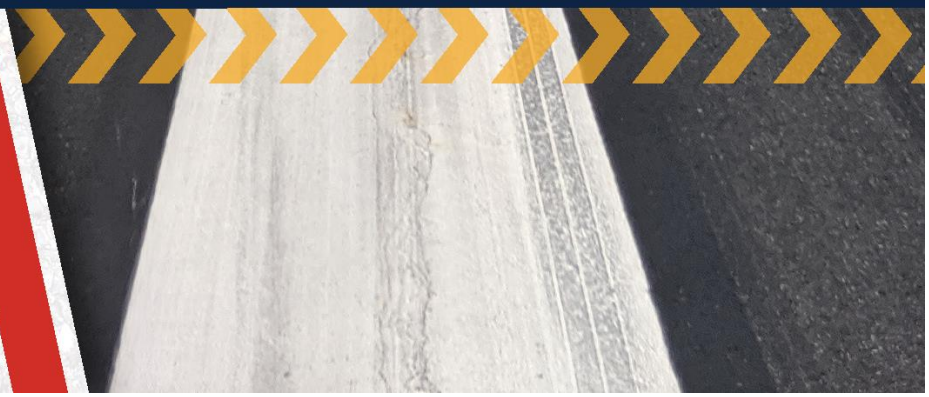
Statewide Airfield Pavement Management Program

PUNTA GORDA AIRPORT

FDOT

2022

Chapter 7: Conclusion



Chapter 7 – Conclusion

7.1 Recommendations

7.1.1 Continued PCI Surveys

It is recommended that the Airport continue to perform regularly scheduled PCI surveys in accordance with the ASTM D5340-20 (or latest edition) to monitor the condition of airfield pavement facilities.

A high priority should be placed on maintaining good record keeping and re-inspecting the Airport's maintained pavement facilities to ensure continued safe aircraft operations. Per the FAA AC 150/5380-7B, a series of scheduled periodic inspections must be carried out for an effective maintenance program. Re-inspection of pavements should be scheduled in a timely manner to ensure that all areas, particularly those that may not come under day-to-day observation, are thoroughly evaluated and reported.

7.1.2 Localized Maintenance and Repair

While deterioration of the pavements due to usage and exposure to the environment cannot be prevented, applying timely and effective maintenance efforts can slow the anticipated rate of deterioration. Lack of adequate and timely maintenance is a significant factor in pavement deterioration. **Chapter 6** identified localized maintenance and repair needs. It is recommended that Airport sponsors coordinate with their respective Airport maintenance staff and Airport engineer when developing project-level maintenance and repair efforts.

7.1.3 Major Rehabilitation

Chapter 6 also identified major pavement rehabilitation project needs from 2023-2032. Identification of these rehabilitation needs are performed at the section level for manageable project areas and assume an unconstrained budget scenario. Given the uncertainty in Airport-specific budget information and prioritization goals, the unconstrained budget scenario represents a conservative scenario and identifies pavement needs over a 10-year period. Certainly, it is understood that most airports are faced with constrained budgets, thus further evaluation of projects based on prioritization, operational criticality, funding availability, and practicality is recommended.

7.1.4 Pavement Management System

The following recommendations are made to fully implement an effective pavement management program for the Airport:

- Develop a detailed preventive maintenance program for the Airport based on the recommendations provided in **Section 6.1**;
- Further refine and implement the identified 10-year major rehabilitation needs provided in **Section 6.2**;
- Maintain detailed records on pavement maintenance, construction, and inspection; and
- Maintain records on major pavement construction projects (year, scope, cost, and construction documents).

7.2 Supporting Documents

Airfield Pavement Network Definition Exhibit

The Airfield Pavement Network Definition Exhibit is located in **Chapter 3** and **Appendix C**. The Exhibit depicts the airfield layout in a manner that defines the airfield pavement infrastructure as branches, sections, and sample units in accordance with the ASTM D5340-20. The Exhibit is intended for planning purposes only. Further details can be found on the Airport's adopted Airport Layout Plan. Detailed characteristics are tabulated in **Appendix A.**

Airfield Pavement System Inventory Exhibit

The Airfield Pavement System Inventory Exhibit is located in **Chapter 3** and **Appendix C**. The Exhibit depicts recent and/or anticipated construction activity within the airfield pavement facilities reported by Airport staff. The Exhibit is intended to schematically identify the pavement limits of work and general work description. The information reported on the Airport Response Form provided by each participating airport was used as the basis of the changes. Furthermore, changes are confirmed at the Airport with Airport staff during the in-brief and debrief meeting.

Airfield Pavement Estimated Age Exhibit

The Airfield Pavement Estimated Age Exhibit is located in **Chapter 3** and **Appendix C**. Based on the review of historic airfield pavement construction activities, the Exhibit provides the approximate limits of the age of the pavement sections since the last major construction activity has occurred. This is intended to be a rough estimate based on interpretation of the limited data available at the time of report.

Airfield Pavement Condition Index Exhibit

The Airfield Pavement Condition Index Exhibit is located in **Chapter 4** and **Appendix C**. The Exhibit is a visual summary of the latest conditions reported from the PCI assessment performed at the Airport. Distress analysis occurred in accordance with ASTM D5340-20 (referenced in **Appendix E**), with results being analyzed using PAVER™ software to determine PCI values. The PCI values are identified in the Exhibit and graphically represented using the standard ASTM D5340-20 condition rating categories.

Airfield Pavement Major Rehabilitation Exhibit

The Airfield Pavement Major Rehabilitation Exhibit is located in **Chapter 6** and **Appendix C**. The Exhibit has been prepared based on the section condition analysis, pavement condition forecasts, and major rehabilitation needs analysis. The Exhibit graphically depicts the inventory with the associated rehabilitation type activity, program year, and the planning-level costs. Area limits, rehabilitation type, and planning-level costs should not be considered a design-level recommendation. A tabulation of the 10-Year Major Rehabilitation is located in **Appendix B**.

Inspection Photograph Documentation

Representative field conditions from the PCI assessment are documented with digital photographs located in **Appendix D**. Select photographs are provided with a limited caption on the distress(es) observed. "Vicinity" photos refer to the approximate boundaries of an inspected sample unit within the section and provide an overview of the section condition but are not focused on a specific distress. The Appendix does not contain photographs for every section and sample unit.

7.3 Conclusion

The FDOT SAPMP System Update Phase 2 2021-2023 was completed for the Airport on behalf of the FDOT AO in accordance with the FAA AC 150/5380-7B and 150/5380-6C. FDOT's implementation of the SAPMP has assisted public airports with this requirement in performing PCI survey inspections and analysis in accordance with the ASTM D5340-20.

7.4 References

The following documents are referenced as specific guidelines and procedures for maintaining Airport pavements, establishing an effective pavement maintenance program, and identifying specific pavement distresses, probable causes of distresses, survey guidelines, and recommended methods of repair.

- ASTM D5340-20, Standard Test Method for Airport Pavement Condition Index Surveys, American Society for Testing and Materials, West Conshohocken, PA, 2018.
- AC 150/5210-24 Airport Foreign Object Debris (FOD) Management, Federal Aviation Administration, Washington, D.C., 2010.
- AC 150/5320-6F, Airport Pavement Design and Evaluation, Federal Aviation Administration, Washington, D.C., 2016.
- AC 150/5380-7B, Airport Pavement Management Program (PMP), Federal Aviation Administration, Washington, D.C., 2014.
- AC 150/5380-6C, Guidelines and Procedures for Maintenance of Airport Pavements, Federal Aviation Administration, Washington, D.C., 2014.
- AC 150/5370-10H, Standard Specifications for Construction of Airports, Federal Aviation Administration, Washington, D.C., 2018.
- Airport Improvement Program Handbook, Order 5100.38D, Change 1, Federal Aviation Administration, Washington, D.C., 2019.
- Tri-Service Pavements Working Group (TSPWG) Manual 3-270-08. 14-03, Preventive Maintenance Plan (PMP) for Airfield Pavements, Department of Defense, Washington, D.C., 2019.
- Unified Facilities Criteria (UFC) 3-260-16, O&M Manual: Standard Practice for Airfield Pavement Condition Surveys, Department of Defense, Washington, D.C., 2019.
- Unified Facilities Criteria (UFC) 3-260-03, Airfield Pavement Evaluation, Department of Defense, Washington, D.C., 2001.
- Shahin, Mohamed Y., Pavement Management for Airports, Roads, and Parking Lots, Springer, 2005.

Appendix A: Airfield Pavement Analysis

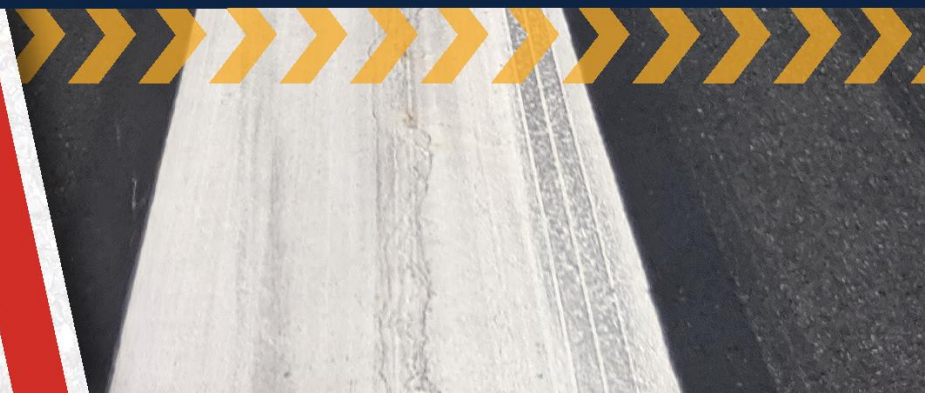


Table A.1: Pavement System Inventory Details

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface Type	Estimate of Last Construction Date
PGD	RW 4-22	Runway	6105	431,700	AC	11/1/2022
PGD	RW 4-22	Runway	6110	446,940	AAC	11/1/2022
PGD	RW 4-22	Runway	6120	129,780	AAC	11/1/2022
PGD	RW 4-22	Runway	6130	42,030	AAC	11/1/2022
PGD	RW 4-22	Runway	6140	28,800	AAC	11/1/2022
PGD	RW 9-27	Runway	6305	158,160	AAC	1/1/2023
PGD	RW 15-33	Runway	6210	249,444	AAC	11/1/2020
PGD	RW 15-33	Runway	6215	498,888	AAC	11/1/2020
PGD	RW 15-33	Runway	6220	26,644	AAC	11/1/2020
PGD	RW 15-33	Runway	6225	53,287	AAC	11/1/2020
PGD	RW 15-33	Runway	6230	29,550	AC	11/1/2020
PGD	RW 15-33	Runway	6235	59,100	AC	11/1/2020
PGD	TW A	Taxiway	125	20,593	AC	11/1/2020
PGD	TW A	Taxiway	320	162,031	AC	9/1/2016
PGD	TW A	Taxiway	330	271,000	AAC	1/1/2009
PGD	TW A2	Taxiway	365	38,414	AAC	1/1/2009
PGD	TW C	Taxiway	305	48,969	AAC	1/1/1993
PGD	TW C	Taxiway	310	158,559	AAC	1/1/2009
PGD	TW C	Taxiway	315	23,546	AAC	9/1/2016
PGD	TW D	Taxiway	105	69,571	AC	11/1/2020
PGD	TW D	Taxiway	115	211,450	AAC	1/1/1993
PGD	TW D	Taxiway	120	43,181	AAC	1/1/1993
PGD	TW D	Taxiway	155	4,146	AAC	1/1/1993
PGD	TW E	Taxiway	510	26,501	AC	11/1/2020
PGD	TW E	Taxiway	520	99,925	AC	1/1/2022
PGD	TW E1	Taxiway	550	18,357	AC	1/1/2022
PGD	TW E2	Taxiway	560	4,005	AC	1/1/2010
PGD	TW E2	Taxiway	565	3,627	AC	1/1/2022
PGD	TW E3	Taxiway	570	13,758	AC	1/1/2022
PGD	TW F	Taxiway	1105	50,341	AC	12/25/1999
PGD	TW H	Taxiway	805	65,942	AC	11/1/2020
PGD	TL GA	Taxilane	3305	98,086	AC	7/1/2022
PGD	TL N HANG	Taxilane	3505	79,013	AC	1/1/2006
PGD	TL N HANG	Taxilane	3510	35,068	AC	1/1/2004
PGD	TL N HANG	Taxilane	3515	19,242	AC	1/1/2006
PGD	TL W HANG	Taxilane	3405	22,295	AC	1/1/1992
PGD	TL W HANG	Taxilane	3410	15,629	AC	1/1/1990
PGD	TL W HANG	Taxilane	3415	7,080	AC	12/25/1999
PGD	TL W HANG	Taxilane	3420	45,846	AC	1/1/1992
PGD	TL W HANG	Taxilane	3425	27,208	AC	1/1/1992
PGD	TL W HANG	Taxilane	3430	14,668	AC	1/1/2003
PGD	TL W HANG	Taxilane	3435	5,687	AC	1/1/1989
PGD	AP FUEL	Apron	4405	7,333	PCC	7/1/2022
PGD	AP FUEL	Apron	4410	7,990	AC	7/1/2022

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface Type	Estimate of Last Construction Date
PGD	AP GA	Apron	4505	11,231	PCC	7/1/2022
PGD	AP GA	Apron	4510	516,802	AC	7/1/2022
PGD	AP S	Apron	4105	192,015	AC	1/1/1992
PGD	AP S	Apron	4110	3,508	AC	1/1/1992
PGD	AP TERM	Apron	4205	278,175	PCC	1/1/2009
PGD	AP TERM	Apron	4206	194,550	AC	1/1/2009
PGD	AP TERM	Apron	4208	10,625	PCC	12/25/1995
PGD	AP TERM	Apron	4210	14,657	AC	1/1/2007
PGD	AP TERM	Apron	4215	32,858	AC	1/1/2007
PGD	AP TERM	Apron	4220	31,145	AC	1/1/2009
PGD	AP TERM	Apron	4225	102,541	PCC	7/2/2018
PGD	AP TERM	Apron	4230	30,430	AC	7/2/2018
PGD	AP TERM	Apron	4235	2,534	AAC	1/1/1993
PGD	AP TERM	Apron	4240	10,800	AC	1/1/1993
PGD	AP TERM	Apron	4245	3,675	AAC	1/1/1993
PGD	AP TERM	Apron	4250	3,304	AC	1/1/1993
PGD	AP W	Apron	4305	206,301	AC	12/25/1999
PGD	AP W	Apron	4320	82,914	AC	12/25/1999

Table A.2: Pavement Condition Index Summary (Current PCI Survey) – Section Level

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	PCI	Condition Rating
PGD	RW 4-22	Runway	6105	431,700	100	Good
PGD	RW 4-22	Runway	6110	446,940	100	Good
PGD	RW 4-22	Runway	6120	129,780	100	Good
PGD	RW 4-22	Runway	6130	42,030	100	Good
PGD	RW 4-22	Runway	6140	28,800	100	Good
PGD	RW 9-27	Runway	6305	158,160	100	Good
PGD	RW 15-33	Runway	6210	249,444	100	Good
PGD	RW 15-33	Runway	6215	498,888	100	Good
PGD	RW 15-33	Runway	6220	26,644	100	Good
PGD	RW 15-33	Runway	6225	53,287	100	Good
PGD	RW 15-33	Runway	6230	29,550	100	Good
PGD	RW 15-33	Runway	6235	59,100	100	Good
PGD	TW A	Taxiway	125	20,593	100	Good
PGD	TW A	Taxiway	320	162,031	84	Satisfactory
PGD	TW A	Taxiway	330	271,000	39	Very Poor
PGD	TW A2	Taxiway	365	38,414	61	Fair
PGD	TW C	Taxiway	305	48,969	46	Poor
PGD	TW C	Taxiway	310	158,559	54	Poor
PGD	TW C	Taxiway	315	23,546	86	Good
PGD	TW D	Taxiway	105	69,571	100	Good
PGD	TW D	Taxiway	115	211,450	48	Poor
PGD	TW D	Taxiway	120	43,181	54	Poor
PGD	TW D	Taxiway	155	4,146	59	Fair
PGD	TW E	Taxiway	510	26,501	100	Good
PGD	TW E	Taxiway	520	99,925	100	Good
PGD	TW E1	Taxiway	550	18,357	100	Good
PGD	TW E2	Taxiway	560	4,005	57	Fair
PGD	TW E2	Taxiway	565	3,627	100	Good
PGD	TW E3	Taxiway	570	13,758	100	Good
PGD	TW F	Taxiway	1105	50,341	57	Fair
PGD	TW H	Taxiway	805	65,942	100	Good
PGD	TL GA	Taxilane	3305	98,086	100	Good
PGD	TL N HANG	Taxilane	3505	79,013	71	Satisfactory
PGD	TL N HANG	Taxilane	3510	35,068	81	Satisfactory
PGD	TL N HANG	Taxilane	3515	19,242	78	Satisfactory
PGD	TL W HANG	Taxilane	3405	22,295	61	Fair
PGD	TL W HANG	Taxilane	3410	15,629	57	Fair
PGD	TL W HANG	Taxilane	3415	7,080	73	Satisfactory
PGD	TL W HANG	Taxilane	3420	45,846	61	Fair
PGD	TL W HANG	Taxilane	3425	27,208	60	Fair
PGD	TL W HANG	Taxilane	3430	14,668	67	Fair
PGD	TL W HANG	Taxilane	3435	5,687	29	Very Poor
PGD	AP FUEL	Apron	4405	7,333	100	Good
PGD	AP FUEL	Apron	4410	7,990	100	Good
PGD	AP GA	Apron	4505	11,231	100	Good

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	PCI	Condition Rating
PGD	AP GA	Apron	4510	516,802	100	Good
PGD	AP S	Apron	4105	192,015	48	Poor
PGD	AP S	Apron	4110	3,508	54	Poor
PGD	AP TERM	Apron	4205	278,175	82	Satisfactory
PGD	AP TERM	Apron	4206	194,550	76	Satisfactory
PGD	AP TERM	Apron	4208	10,625	61	Fair
PGD	AP TERM	Apron	4210	14,657	82	Satisfactory
PGD	AP TERM	Apron	4215	32,858	70	Fair
PGD	AP TERM	Apron	4220	31,145	75	Satisfactory
PGD	AP TERM	Apron	4225	102,541	95	Good
PGD	AP TERM	Apron	4230	30,430	88	Good
PGD	AP TERM	Apron	4235	2,534	70	Fair
PGD	AP TERM	Apron	4240	10,800	68	Fair
PGD	AP TERM	Apron	4245	3,675	61	Fair
PGD	AP TERM	Apron	4250	3,304	60	Fair
PGD	AP W	Apron	4305	206,301	51	Poor
PGD	AP W	Apron	4320	82,914	55	Poor

Table A.3: Forecasted PCI Values 2023-2032 – Section-Level

Network ID	Branch ID	Section ID	Current PCI	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PGD	RW 4-22	6105	100	99	98	96	95	93	92	90	89	87	86
PGD	RW 4-22	6110	100	99	97	95	93	91	89	87	85	83	81
PGD	RW 4-22	6120	100	99	97	95	93	91	89	87	85	83	81
PGD	RW 4-22	6130	100	99	97	95	93	91	89	87	85	83	81
PGD	RW 4-22	6140	100	99	97	95	93	91	89	87	85	83	81
PGD	RW 9-27	6305	100	99	97	95	93	91	89	87	86	84	82
PGD	RW 15-33	6210	100	95	93	91	89	87	85	83	81	79	77
PGD	RW 15-33	6215	100	95	93	91	89	87	85	83	81	79	77
PGD	RW 15-33	6220	100	95	93	91	89	87	85	83	81	79	77
PGD	RW 15-33	6225	100	95	93	91	89	87	85	83	81	79	77
PGD	RW 15-33	6230	100	96	95	93	92	90	89	87	86	84	83
PGD	RW 15-33	6235	100	96	95	93	92	90	89	87	86	84	83
PGD	TW A	125	100	94	92	90	88	86	84	83	81	79	78
PGD	TW A	320	84	82	81	79	78	76	75	74	72	71	70
PGD	TW A	330	39	37	35	33	31	28	25	22	18	14	10
PGD	TW A2	365	61	60	59	58	57	56	55	54	53	53	52
PGD	TW C	305	46	45	44	43	42	40	39	37	35	33	31
PGD	TW C	310	54	53	53	52	51	51	50	50	49	48	48
PGD	TW C	315	86	84	81	79	77	75	73	71	70	68	66
PGD	TW D	105	100	94	92	90	88	86	84	83	81	79	78
PGD	TW D	115	48	47	47	46	45	44	43	41	40	38	36
PGD	TW D	120	54	53	53	52	51	51	50	50	49	48	48
PGD	TW D	155	59	58	57	56	55	54	54	53	52	52	51
PGD	TW E	510	100	94	92	90	88	86	84	83	81	79	78
PGD	TW E	520	100	97	94	92	90	88	86	85	83	81	80
PGD	TW E1	550	100	97	94	92	90	88	86	85	83	81	80
PGD	TW E2	560	57	56	55	54	54	53	52	51	50	49	47
PGD	TW E2	565	100	97	94	92	90	88	86	85	83	81	80
PGD	TW E3	570	100	97	94	92	90	88	86	85	83	81	80
PGD	TW F	1105	57	56	55	54	54	53	52	51	50	49	47
PGD	TW H	805	100	94	92	90	88	86	84	83	81	79	78
PGD	TL GA	3305	100	98	95	93	91	89	87	85	84	82	81
PGD	TL N HANG	3505	71	70	69	68	67	66	65	64	63	62	61
PGD	TL N HANG	3510	81	79	78	77	75	74	73	72	70	69	68
PGD	TL N HANG	3515	78	77	75	74	73	72	70	69	68	67	66
PGD	TL W HANG	3405	61	60	59	59	58	57	56	55	54	53	52
PGD	TL W HANG	3410	57	56	55	54	54	53	52	51	50	49	47
PGD	TL W HANG	3415	73	72	71	70	68	67	66	66	65	64	63
PGD	TL W HANG	3420	61	60	59	59	58	57	56	55	54	53	52
PGD	TL W HANG	3425	60	59	58	58	57	56	55	54	53	52	51
PGD	TL W HANG	3430	67	66	65	64	63	62	62	61	60	59	58
PGD	TL W HANG	3435	29	27	25	23	21	19	17	15	13	11	9
PGD	AP FUEL	4405	100	99	97	96	95	94	93	92	91	90	89
PGD	AP FUEL	4410	100	98	97	95	93	92	90	88	87	85	83

Network ID	Branch ID	Section ID	Current PCI	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PGD	AP GA	4505	100	99	97	96	95	94	93	92	91	90	89
PGD	AP GA	4510	100	98	97	95	93	92	90	88	87	85	83
PGD	AP S	4105	48	46	45	43	41	40	38	36	35	33	31
PGD	AP S	4110	54	52	51	49	47	46	44	42	41	39	37
PGD	AP TERM	4205	82	81	81	80	80	79	79	78	78	77	77
PGD	AP TERM	4206	76	74	73	71	69	68	66	64	63	61	59
PGD	AP TERM	4208	61	60	58	57	56	54	53	51	50	48	46
PGD	AP TERM	4210	82	80	79	77	75	74	72	70	69	67	65
PGD	AP TERM	4215	70	68	67	65	63	62	60	58	57	55	53
PGD	AP TERM	4220	75	73	72	70	68	67	65	63	62	60	58
PGD	AP TERM	4225	95	94	93	92	91	90	89	88	87	87	86
PGD	AP TERM	4230	88	86	85	83	81	80	78	76	75	73	71
PGD	AP TERM	4235	70	68	66	65	63	62	60	59	57	56	55
PGD	AP TERM	4240	68	66	65	63	61	60	58	56	55	53	51
PGD	AP TERM	4245	61	60	58	57	55	54	52	51	50	48	47
PGD	AP TERM	4250	60	58	57	55	53	52	50	48	47	45	43
PGD	AP W	4305	51	49	48	46	44	43	41	39	38	36	34
PGD	AP W	4320	55	53	52	50	48	47	45	43	42	40	38

Pavement Database: FDOT

Network: PUNTA GORDA AIR **Branch:** AP FUEL FUEL APRON **Section:** 4405 **Surface:**PCC
L.C.D. 7/1/2022 **Use:** APRON **Rank:** P **Length:** 115.00 (Ft) **Width:** 75.00 (Ft) **True Area:** 7333.000002 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
7/1/2022	NC-PC	New Construction - PCC	0.00	0.00	☑	6" P-501, 4" P-211, 12" in-situ subgra

Network: PUNTA GORDA AIR **Branch:** AP FUEL FUEL APRON **Section:** 4410 **Surface:**AC
L.C.D. 7/1/2022 **Use:** APRON **Rank:** P **Length:** 115.00 (Ft) **Width:** 75.00 (Ft) **True Area:** 7990.000002 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
7/1/2022	NC-AC	New Construction - AC	0.00	0.00	☑	4" P-401, 4" P-211, 12" in-situ subgra

Network: PUNTA GORDA AIR **Branch:** AP GA GENERAL AVIA **Section:** 4505 **Surface:**PCC
L.C.D. 7/1/2022 **Use:** APRON **Rank:** P **Length:** 70.00 (Ft) **Width:** 150.00 (Ft) **True Area:** 11231.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
7/1/2022	NC-PC	New Construction - PCC	0.00	0.00	☑	6" P-501, 4" P-211, 12" in-situ subgra

Network: PUNTA GORDA AIR **Branch:** AP GA GENERAL AVIA **Section:** 4510 **Surface:**AC
L.C.D. 7/1/2022 **Use:** APRON **Rank:** P **Length:** 525.00 (Ft) **Width:** 1100.00 (Ft) **True Area:** 516802.0001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
7/1/2022	NC-AC	New Construction - AC	0.00	0.00	☑	4" P-401, 4" P-211, 12" in-situ subgra

Network: PUNTA GORDA AIR **Branch:** AP S SOUTH GA APR **Section:** 4105 **Surface:**AC
L.C.D. 1/1/1992 **Use:** APRON **Rank:** P **Length:** 845.00 (Ft) **Width:** 200.00 (Ft) **True Area:** 192015.0000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1992	IMPORTED	BUILT	0.00	2.00	☑	1992 2" P401 ON 8" P211

Network: PUNTA GORDA AIR **Branch:** AP S SOUTH GA APR **Section:** 4110 **Surface:**AC
L.C.D. 1/1/1992 **Use:** APRON **Rank:** P **Length:** 55.00 (Ft) **Width:** 60.00 (Ft) **True Area:** 3508.000001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1992	IMPORTED	BUILT	0.00	2.00	☑	1992 2" P401 ON 8" P211

Network: PUNTA GORDA AIR **Branch:** AP TERM TERMINAL APR **Section:** 4205 **Surface:**PCC
L.C.D. 1/1/2009 **Use:** APRON **Rank:** P **Length:** 600.00 (Ft) **Width:** 300.00 (Ft) **True Area:** 278175.0000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2009	SR-PC	Surface Reconstruction - PCC	0.00	0.00	☑	2009: PCC
1/1/1942	IMPORTED	BUILT	0.00	8.00	☑	1942 6-8" PCC

Network: PUNTA GORDA AIR **Branch:** AP TERM TERMINAL APR **Section:** 4206 **Surface:**AC
L.C.D. 1/1/2009 **Use:** APRON **Rank:** P **Length:** 950.00 (Ft) **Width:** 300.00 (Ft) **True Area:** 194550.0000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2009	CR-AC	Complete Reconstruction - AC	0.00	0.00	☑	2009: AC
1/1/1942	NC-AC	New Construction - AC	0.00	0.00	☑	

Network: PUNTA GORDA AIR **Branch:** AP TERM TERMINAL APR **Section:** 4208 **Surface:**PCC
L.C.D. 12/25/199 **Use:** APRON **Rank:** P **Length:** 300.00 (Ft) **Width:** 30.00 (Ft) **True Area:** 10625.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
12/25/1995	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: PUNTA GORDA AIR **Branch:** AP TERM TERMINAL APR **Section:** 4210 **Surface:**AC
L.C.D. 1/1/2007 **Use:** APRON **Rank:** P **Length:** 200.00 (Ft) **Width:** 75.00 (Ft) **True Area:** 14657.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2007	NC-AC	New Construction - AC	0.00	0.00	☑	observed jan 2008

Network: PUNTA GORDA AIR **Branch:** AP TERM TERMINAL APR **Section:** 4215 **Surface:**AC
L.C.D. 1/1/2007 **Use:** APRON **Rank:** P **Length:** 440.00 (Ft) **Width:** 75.00 (Ft) **True Area:** 32858.00001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2007	NC-AC	New Construction - AC	0.00	0.00	☑	observed Jan 2008

Network: PUNTA GORDA AIR **Branch:** AP TERM TERMINAL APR **Section:** 4220 **Surface:**AC
L.C.D. 1/1/2009 **Use:** APRON **Rank:** P **Length:** 430.00 (Ft) **Width:** 75.00 (Ft) **True Area:** 31145.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2009	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: PUNTA GORDA AIR **Branch:** AP TERM TERMINAL APR **Section:** 4225 **Surface:**PCC
L.C.D. 7/2/2018 **Use:** APRON **Rank:** P **Length:** 400.00 (Ft) **Width:** 300.00 (Ft) **True Area:** 102541.0000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
7/2/2018	NC-PC	New Construction - PCC	0.00	0.00	☑	

Network: PUNTA GORDA AIR **Branch:** AP TERM TERMINAL APR **Section:** 4230 **Surface:**AC
L.C.D. 7/2/2018 **Use:** APRON **Rank:** P **Length:** 400.00 (Ft) **Width:** 75.00 (Ft) **True Area:** 30430.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
7/2/2018	NC-AC	New Construction - AC	0.00	0.00	☑	

Network: PUNTA GORDA AIR **Branch:** AP TERM TERMINAL APR **Section:** 4235 **Surface:**AAC

L.C.D. 1/1/1993 **Use:** APRON **Rank:** P **Length:** 65.00 (Ft) **Width:** 27.00 (Ft) **True Area:** 2534.000000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1993	IMPORTED	BUILT	0.00	0.00	☑	1993 FEATHERED AC OVERLAY
1/1/1993	IMPORTED	OVERLAY	0.00	0.00	☑	EXISTING AC PAVEMENT

Network: PUNTA GORDA AIR **Branch:** AP TERM TERMINAL APR **Section:** 4240 **Surface:**AC

L.C.D. 1/1/1993 **Use:** APRON **Rank:** P **Length:** 300.00 (Ft) **Width:** 25.00 (Ft) **True Area:** 10800.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1993	IMPORTED	BUILT	0.00	4.00	☑	1993 4" P401 ON 11" P211

Network: PUNTA GORDA AIR **Branch:** AP TERM TERMINAL APR **Section:** 4245 **Surface:**AAC

L.C.D. 1/1/1993 **Use:** APRON **Rank:** P **Length:** 60.00 (Ft) **Width:** 25.00 (Ft) **True Area:** 3675.000001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1993	IMPORTED	BUILT	0.00	0.00	☑	1993 FEATHERED AC OVERLAY
1/1/1993	IMPORTED	OVERLAY	0.00	0.00	☑	EXISTING AC PAVEMENT

Network: PUNTA GORDA AIR **Branch:** AP TERM TERMINAL APR **Section:** 4250 **Surface:**AC

L.C.D. 1/1/1993 **Use:** APRON **Rank:** P **Length:** 52.00 (Ft) **Width:** 25.00 (Ft) **True Area:** 3304.000001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1993	IMPORTED	BUILT	0.00	4.00	☑	1993 4" P401 ON 11" P211

Network: PUNTA GORDA AIR **Branch:** AP W WEST APRON **Section:** 4305 **Surface:**AC

L.C.D. 12/25/199 **Use:** APRON **Rank:** P **Length:** 250.00 (Ft) **Width:** 1065.00 (Ft) **True Area:** 206301.0000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
12/25/1999	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: PUNTA GORDA AIR **Branch:** AP W WEST APRON **Section:** 4320 **Surface:**AC

L.C.D. 12/25/199 **Use:** APRON **Rank:** P **Length:** 140.00 (Ft) **Width:** 500.00 (Ft) **True Area:** 82914.00002 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
6/1/2017	ST-SC	Surface Treatment - Seal Coat	0.00	0.00	☐	
1/1/2007	ST-SC	Surface Treatment - Seal Coat	0.00	0.00	☐	
12/25/1999	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: PUNTA GORDA AIR **Branch:** RW 15-33 RUNWAY 15-33 **Section:** 6210 **Surface:**AAC

L.C.D. 11/1/2020 **Use:** RUNWAY **Rank:** P **Length:** 4,989.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 249444.0000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
11/1/2020	ML-OVL	Mill and Overlay	0.00	0.00	☑	2" Mill, 2" P-401 Overlay
1/1/2002	ML-OVL	Mill and Overlay	0.00	0.00	☑	
1/1/1983	IMPORTED	BUILT	0.00	2.00	☑	1983 2" MIN P-401 ON EXISTING

Network: PUNTA GORDA AIR **Branch:** RW 15-33 RUNWAY 15-33 **Section:** 6215 **Surface:**AAC

L.C.D. 11/1/2020 **Use:** RUNWAY **Rank:** P **Length:** 4,989.00 (Ft) **Width:** 100.00 (Ft) **True Area:** 498888.0001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
11/1/2020	ML-OVL	Mill and Overlay	0.00	0.00	☑	2" Mill, 2" P-401 Overlay
1/1/2002	ML-OVL	Mill and Overlay	0.00	0.00	☑	
1/1/1983	IMPORTED	BUILT	0.00	2.00	☑	1983 2" MIN P-401 OL ON EXISTING

Network: PUNTA GORDA AIR **Branch:** RW 15-33 RUNWAY 15-33 **Section:** 6220 **Surface:**AAC

L.C.D. 11/1/2020 **Use:** RUNWAY **Rank:** P **Length:** 533.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 26644.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
11/1/2020	ML-OVL	Mill and Overlay	0.00	0.00	☑	2" Mill, 2" P-401 Overlay
1/1/2002	NU-IN	New Construction - Initial	0.00	4.00	☑	4" P-401, P-602, 6" P-211, P-152

Network: PUNTA GORDA AIR **Branch:** RW 15-33 RUNWAY 15-33 **Section:** 6225 **Surface:**AAC

L.C.D. 11/1/2020 **Use:** RUNWAY **Rank:** P **Length:** 533.00 (Ft) **Width:** 100.00 (Ft) **True Area:** 53287.00001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
11/1/2020	ML-OVL	Mill and Overlay	0.00	0.00	☑	2" Mill, 2" P-401 Overlay
1/1/2002	NU-IN	New Construction - Initial	0.00	4.00	☑	4" P-401, P-602, 6" P-211, P-152

Network: PUNTA GORDA AIR **Branch:** RW 15-33 RUNWAY 15-33 **Section:** 6230 **Surface:**AC

L.C.D. 11/1/2020 **Use:** RUNWAY **Rank:** P **Length:** 591.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 29550.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
11/1/2020	NC-AC	New Construction - AC	0.00	0.00	☑	4" P-401, 5" P-401 Base, 6" P-211

Network: PUNTA GORDA AIR **Branch:** RW 15-33 RUNWAY 15-33 **Section:** 6235 **Surface:**AC

L.C.D. 11/1/2020 **Use:** RUNWAY **Rank:** P **Length:** 591.00 (Ft) **Width:** 100.00 (Ft) **True Area:** 59100.00001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
11/1/2020	NC-AC	New Construction - AC	0.00	0.00	☑	4" P-401, 5" P-401 Base, 6" P-211

Network: PUNTA GORDA AIR **Branch:** RW 4-22 RUNWAY 4-22 **Section:** 6105 **Surface:**AC

L.C.D. 11/1/2022 **Use:** RUNWAY **Rank:** P **Length:** 7,195.00 (Ft) **Width:** 60.00 (Ft) **True Area:** 431700.0001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
11/1/2022	CR-AC	Complete Reconstruction - AC	0.00	0.00	☑	3" P-401, 6" P-401 Base, 12" P-211
1/1/2000	ML-OVL	Mill and Overlay	0.00	0.00	☑	
1/1/1985	IMPORTED	OVERLAY	0.00	0.00	☑	1985 P-401 OL
1/1/1979	IMPORTED	BUILT	0.00	2.00	☑	1979 1.5-2" P-401 OL ON EXISTING

Network: PUNTA GORDA AIR **Branch:** RW 4-22 RUNWAY 4-22 **Section:** 6110 **Surface:**AAC

L.C.D. 11/1/2022 **Use:** RUNWAY **Rank:** P **Length:** 4,966.00 (Ft) **Width:** 90.00 (Ft) **True Area:** 446940.0001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
11/1/2022	ML-OVL	Mill and Overlay	0.00	0.00	☑	Variable depth mill, 3" P-401 overlay
1/1/2000	ML-OVL	Mill and Overlay	0.00	0.00	☑	
1/1/1985	IMPORTED	OVERLAY	0.00	0.00	☑	1985 P-401 OL
1/1/1979	IMPORTED	BUILT	0.00	2.00	☑	1979 1.5-2" P-401 OL ON EXISTING

Network: PUNTA GORDA AIR **Branch:** RW 4-22 RUNWAY 4-22 **Section:** 6120 **Surface:**AAC

L.C.D. 11/1/2022 **Use:** RUNWAY **Rank:** P **Length:** 1,442.00 (Ft) **Width:** 90.00 (Ft) **True Area:** 129780.0000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
11/1/2022	ML-OVL	Mill and Overlay	0.00	0.00	☑	Variable depth mill, 3" P-401 overlay
1/1/2000	ML-OVL	Mill and Overlay	0.00	0.00	☑	
1/1/1985	IMPORTED	BUILT	0.00	4.00	☑	1985 4" P-401 12" P-211

Network: PUNTA GORDA AIR **Branch:** RW 4-22 RUNWAY 4-22 **Section:** 6130 **Surface:**AAC

L.C.D. 11/1/2022 **Use:** RUNWAY **Rank:** P **Length:** 467.00 (Ft) **Width:** 90.00 (Ft) **True Area:** 42030.00001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
11/1/2022	ML-OVL	Mill and Overlay	0.00	0.00	☑	Variable depth mill, 3" P-401 overlay
1/1/2007	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: PUNTA GORDA AIR **Branch:** RW 4-22 RUNWAY 4-22 **Section:** 6140 **Surface:**AAC

L.C.D. 11/1/2022 **Use:** RUNWAY **Rank:** P **Length:** 320.00 (Ft) **Width:** 90.00 (Ft) **True Area:** 28800.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
11/1/2022	ML-OVL	Mill and Overlay	0.00	0.00	☑	Variable depth mill, 3" P-401 overlay
1/1/2000	ML-OVL	Mill and Overlay	0.00	0.00	☑	
1/1/1985	IMPORTED	OVERLAY	0.00	0.00	☑	1985 P-401 OL
1/1/1979	IMPORTED	BUILT	0.00	2.00	☑	1979 1.5-2" P-401 OL ON EXISTING

Network: PUNTA GORDA AIR **Branch:** RW 9-27 RUNWAY 9-27 **Section:** 6305 **Surface:**AAC

L.C.D. 1/1/2023 **Use:** RUNWAY **Rank:** P **Length:** 2,636.00 (Ft) **Width:** 60.00 (Ft) **True Area:** 158160.0000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2023	ML-OVL	Mill and Overlay	0.00	0.00	☑	
1/1/2006	CR-AC	Complete Reconstruction - AC	0.00	0.00	☑	
1/1/1942	NC-AC	New Construction - AC	0.00	2.00	☑	1942 2" BIT 6-8" LIMEROCK

Network: PUNTA GORDA AIR **Branch:** TL GA GENERAL AVIA **Section:** 3305 **Surface:**AC

L.C.D. 7/1/2022 **Use:** TAXILAN **Rank:** P **Length:** 1,335.00 (Ft) **Width:** 40.00 (Ft) **True Area:** 98086.00002 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
7/1/2022	NC-AC	New Construction - AC	0.00	0.00	☑	4" P-401, 4" P-211, 12" in-situ subgra

Network: PUNTA GORDA AIR **Branch:** TL N HANG NORTH T-HANG **Section:** 3505 **Surface:**AC

L.C.D. 1/1/2006 **Use:** TAXILAN **Rank:** P **Length:** 2,835.00 (Ft) **Width:** 25.00 (Ft) **True Area:** 79013.00002 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2006	NC-AC	New Construction - AC	0.00	0.00	☑	

Network: PUNTA GORDA AIR **Branch:** TL N HANG NORTH T-HANG **Section:** 3510 **Surface:**AC

L.C.D. 1/1/2004 **Use:** TAXILAN **Rank:** P **Length:** 1,320.00 (Ft) **Width:** 25.00 (Ft) **True Area:** 35068.00001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2004	NC-AC	New Construction - AC	0.00	0.00	☑	

Network: PUNTA GORDA AIR **Branch:** TL N HANG NORTH T-HANG **Section:** 3515 **Surface:**AC

L.C.D. 1/1/2006 **Use:** TAXILAN **Rank:** P **Length:** 895.00 (Ft) **Width:** 25.00 (Ft) **True Area:** 19242.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2006	NC-AC	New Construction - AC	0.00	0.00	☑	

Network: PUNTA GORDA AIR **Branch:** TL W HANG WEST T-HANGA **Section:** 3405 **Surface:**AC

L.C.D. 1/1/1992 **Use:** TAXILAN **Rank:** P **Length:** 300.00 (Ft) **Width:** 75.00 (Ft) **True Area:** 22295.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1992	IMPORTED	BUILT	0.00	0.00	☑	EST 1992 BIT SECTION UNKNOWN

Network: PUNTA GORDA AIR **Branch:** TL W HANG WEST T-HANGA **Section:** 3410 **Surface:**AC

L.C.D. 1/1/1990 **Use:** TAXILAN **Rank:** P **Length:** 234.00 (Ft) **Width:** 66.00 (Ft) **True Area:** 15629.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1990	IMPORTED	BUILT	0.00	0.00	☑	EST 1990 BIT SECTION UNKNOWN

Network: PUNTA GORDA AIR **Branch:** TL W HANG WEST T-HANGA **Section:** 3415 **Surface:**AC

L.C.D. 12/25/199 **Use:** TAXILAN **Rank:** P **Length:** 184.00 (Ft) **Width:** 30.00 (Ft) **True Area:** 7080.000002 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
12/25/1999	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: PUNTA GORDA AIR **Branch:** TL W HANG WEST T-HANGA **Section:** 3420 **Surface:**AC

L.C.D. 1/1/1992 **Use:** TAXILAN **Rank:** P **Length:** 519.00 (Ft) **Width:** 30.00 (Ft) **True Area:** 45846.00001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1992	IMPORTED	BUILT	0.00	0.00	☑	EST 1992 BIT SECTION UNKNOWN

Network: PUNTA GORDA AIR **Branch:** TL W HANG WEST T-HANGA **Section:** 3425 **Surface:**AC

L.C.D. 1/1/1992 **Use:** TAXILAN **Rank:** P **Length:** 475.00 (Ft) **Width:** 30.00 (Ft) **True Area:** 27208.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1992	IMPORTED	BUILT	0.00	0.00	☑	EST 1992 BIT SECTION UNKNOWN

Network: PUNTA GORDA AIR **Branch:** TL W HANG WEST T-HANGA **Section:** 3430 **Surface:**AC

L.C.D. 1/1/2003 **Use:** TAXILAN **Rank:** P **Length:** 500.00 (Ft) **Width:** 30.00 (Ft) **True Area:** 14668.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2003	NC-AC	New Construction - AC	0.00	0.00	☑	

Network: PUNTA GORDA AIR **Branch:** TL W HANG WEST T-HANGA **Section:** 3435 **Surface:**AC

L.C.D. 1/1/1989 **Use:** TAXILAN **Rank:** P **Length:** 200.00 (Ft) **Width:** 25.00 (Ft) **True Area:** 5687.000001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1989	IMPORTED	BUILT	0.00	1.50	☑	1989 1.5" TYPE 3 BIT 6" LIMEROCK

Network: PUNTA GORDA AIR **Branch:** TW A TAXIWAY A **Section:** 125 **Surface:**AC

L.C.D. 11/1/2020 **Use:** TAXIWAY **Rank:** P **Length:** 324.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 20593.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
11/1/2020	NC-AC	New Construction - AC	0.00	0.00	☑	4" P-401, 6" P-211

Network: PUNTA GORDA AIR **Branch:** TW A2 TAXIWAY A2 **Section:** 365 **Surface:**AAC

L.C.D. 1/1/2009 **Use:** TAXIWAY **Rank:** P **Length:** 295.00 (Ft) **Width:** 90.00 (Ft) **True Area:** 38414.00001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2009	ML-OVL	Mill and Overlay	0.00	0.00	☑	2009: MILL AND OVERLAY
1/1/2006	NC-AC	New Construction - AC	0.00	0.00	☑	

Network: PUNTA GORDA AIR **Branch:** TW A TAXIWAY A **Section:** 320 **Surface:**AC

L.C.D. 9/1/2016 **Use:** TAXIWAY **Rank:** P **Length:** 2,100.00 (Ft) **Width:** 60.00 (Ft) **True Area:** 162031.0000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2016	NC-AC	New Construction - AC	0.00	0.00	☑	

Network: PUNTA GORDA AIR **Branch:** TW A TAXIWAY A **Section:** 330 **Surface:**AAC

L.C.D. 1/1/2009 **Use:** TAXIWAY **Rank:** P **Length:** 2,325.00 (Ft) **Width:** 60.00 (Ft) **True Area:** 271000.0000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2009	ML-OVL	Mill and Overlay	0.00	0.00	☑	2009: MILL AND OVERLAY
1/1/1984	IMPORTED	BUILT	0.00	2.00	☑	1984 2" P-401 9" P-211 4" P-154

Network: PUNTA GORDA AIR **Branch:** TW C TAXIWAY C **Section:** 305 **Surface:**AAC

L.C.D. 1/1/1993 **Use:** TAXIWAY **Rank:** P **Length:** 428.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 48969.00001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1993	IMPORTED	OVERLAY	0.00	2.00	☑	1993 2" P401
1/1/1983	IMPORTED	OVERLAY	0.00	2.50	☑	1983 2.5" MINIMUM P401
1/1/1966	IMPORTED	BUILT	0.00	1.00	☑	1966 1" AC ON 8" P211

Network: PUNTA GORDA AIR **Branch:** TW C TAXIWAY C **Section:** 310 **Surface:**AAC

L.C.D. 1/1/2009 **Use:** TAXIWAY **Rank:** P **Length:** 2,405.00 (Ft) **Width:** 60.00 (Ft) **True Area:** 158559.0000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2009	ML-OVL	Mill and Overlay	0.00	0.00	☑	2009: MILL AND OVERLAY
1/1/1977	IMPORTED	BUILT	0.00	2.00	☑	1977 2"' P-401 9" P-211 4" LIMEROCK

Network: PUNTA GORDA AIR **Branch:** TW C TAXIWAY C **Section:** 315 **Surface:**AAC

L.C.D. 9/1/2016 **Use:** TAXIWAY **Rank:** P **Length:** 600.00 (Ft) **Width:** 75.00 (Ft) **True Area:** 23546.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2016	OL-AS	Overlay - AC Structural	0.00	0.00	☑	4" P-401
1/1/2009	ML-OVL	Mill and Overlay	0.00	0.00	☑	2009: MILL AND OVERLAY
1/1/1977	IMPORTED	BUILT	0.00	2.00	☑	1977 2"' P-401 9" P-211 4" LIMEROCK

Network: PUNTA GORDA AIR **Branch:** TW D TAXIWAY D **Section:** 105 **Surface:**AC

L.C.D. 11/1/2020 **Use:** TAXIWAY **Rank:** P **Length:** 715.00 (Ft) **Width:** 55.00 (Ft) **True Area:** 69571.00002 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
11/1/2020	NC-AC	New Construction - AC	0.00	0.00	☑	4" P-401, 6" P-211

Network: PUNTA GORDA AIR **Branch:** TW D TAXIWAY D **Section:** 115 **Surface:**AAC

L.C.D. 1/1/1993 **Use:** TAXIWAY **Rank:** P **Length:** 4,230.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 211450.0000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
11/1/2020	PA-AC	Patching - AC	0.00	0.00	☐	
1/1/1993	IMPORTED	OVERLAY	0.00	3.00	☑	1993 3" AC OVERLAY
1/1/1993	IMPORTED	OVERLAY	0.00	1.00	☑	MILL 1" AC SURFACE DURING 1993 OVERLAY
1/1/1983	IMPORTED	BUILT	0.00	1.00	☑	1983 MINIMUM 1" P401 ON 1.5" P401 LEVELING COURSE

Network: PUNTA GORDA AIR **Branch:** TW D TAXIWAY D **Section:** 120 **Surface:**AAC

L.C.D. 1/1/1993 **Use:** TAXIWAY **Rank:** P **Length:** 725.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 43181.00001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1993	IMPORTED	OVERLAY	0.00	2.50	☑	1993 2.5" P401 OVERLAY
1/1/1983	IMPORTED	BUILT	0.00	2.50	☑	1983 2.5" MINIMUM P401 ON EXISTING BIT PAVEMENT

Network: PUNTA GORDA AIR **Branch:** TW D TAXIWAY D **Section:** 155 **Surface:**AAC

L.C.D. 1/1/1993 **Use:** TAXIWAY **Rank:** P **Length:** 90.00 (Ft) **Width:** 25.00 (Ft) **True Area:** 4146.000001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1993	OL-AS	Overlay - AC Structural	0.00	0.00	☑	1993 FEATHERED AC OVERLAY
1/1/1992	NC-AC	New Construction - AC	0.00	2.00	☑	1992 AC PAVEMENT 2" P401 ON 8"

Network: PUNTA GORDA AIR **Branch:** TW E1 TAXIWAY E1 **Section:** 550 **Surface:**AC

L.C.D. 1/1/2022 **Use:** TAXIWAY **Rank:** P **Length:** 180.00 (Ft) **Width:** 70.00 (Ft) **True Area:** 18357.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2022	NC-AC	New Construction - AC	0.00	0.00	☑	4" P-401, 6" P-211

Network: PUNTA GORDA AIR **Branch:** TW E2 TAXIWAY E2 **Section:** 560 **Surface:**AC

L.C.D. 1/1/2010 **Use:** TAXIWAY **Rank:** P **Length:** 82.00 (Ft) **Width:** 30.00 (Ft) **True Area:** 4005.000001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2010	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: PUNTA GORDA AIR **Branch:** TW E2 TAXIWAY E2 **Section:** 565 **Surface:**AC

L.C.D. 1/1/2022 **Use:** TAXIWAY **Rank:** P **Length:** 110.00 (Ft) **Width:** 30.00 (Ft) **True Area:** 3627.000001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2022	CR-AC	Complete Reconstruction - AC	0.00	0.00	☑	4" P-401, 5" P-211, 12" in-situ subgra
1/1/2010	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: PUNTA GORDA AIR **Branch:** TW E3 TAXIWAY E3 **Section:** 570 **Surface:**AC

L.C.D. 1/1/2022 **Use:** TAXIWAY **Rank:** P **Length:** 190.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 13758.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2022	NC-AC	New Construction - AC	0.00	0.00	☑	4" P-401, 4" P-211, 12" in-situ subgra

Network: PUNTA GORDA AIR **Branch:** TW E TAXIWAY E **Section:** 510 **Surface:**AC

L.C.D. 11/1/2020 **Use:** TAXIWAY **Rank:** P **Length:** 615.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 26501.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
11/1/2020	NC-AC	New Construction - AC	0.00	0.00	☑	4" P-401, 6" P-211

Network: PUNTA GORDA AIR **Branch:** TW E TAXIWAY E **Section:** 520 **Surface:**AC

L.C.D. 1/1/2022 **Use:** TAXIWAY **Rank:** P **Length:** 2,290.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 99925.00003 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2022	NC-AC	New Construction - AC	0.00	0.00	☑	4" P-401, 5" P-211, 12" in-situ subgra

Network: PUNTA GORDA AIR **Branch:** TW F TAXIWAY F **Section:** 1105 **Surface:**AC

L.C.D. 12/25/199 **Use:** TAXIWAY **Rank:** P **Length:** 750.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 50341.00001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
12/25/1999	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: PUNTA GORDA AIR **Branch:** TW H TAXIWAY H **Section:** 805 **Surface:**AC

L.C.D. 11/1/2020 **Use:** TAXIWAY **Rank:** P **Length:** 1,210.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 65942.00002 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
11/1/2020	NC-AC	New Construction - AC	0.00	0.00	☑	4" P-401, 6" P-211

Summary:

Work Description	Section Count	Area Total (SqFt)	Thickness Avg (in)	Thickness STD (in)
BUILT	24	3,152,933.00	1.92	1.76
Complete Reconstruction - AC	4	788,037.00	0.00	0.00
Mill and Overlay	19	3,911,044.00	0.00	0.00
New Construction - AC	24	1,809,412.00	0.17	0.55
New Construction - Initial	11	517,999.00	0.73	1.54
New Construction - PCC	3	121,105.00	0.00	0.00
OVERLAY	10	1,477,668.00	1.10	1.20
Overlay - AC Structural	2	27,692.00	0.00	0.00
Patching - AC	1	211,450.00	0.00	0.00
Surface Reconstruction - PCC	1	278,175.00	0.00	0.00
Surface Treatment - Seal Coat	2	165,828.00	0.00	0.00

Branch Condition Report

Pavement Database: FDOT

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
AP FUEL	2	230.00	75.00	15,323.00	APRON	100.00	0.00	100.00
AP GA	2	595.00	625.00	528,033.00	APRON	100.00	0.00	100.00
AP S	2	900.00	130.00	195,523.00	APRON	51.00	3.00	48.11
AP TERM	12	4,197.00	111.00	715,294.00	APRON	74.00	10.69	80.86
AP W	2	390.00	782.50	289,215.00	APRON	53.00	2.00	52.15
RW 15-33	6	12,226.00	75.00	916,913.00	RUNWAY	100.00	0.00	100.00
RW 4-22	5	14,390.00	84.00	1,079,250.00	RUNWAY	100.00	0.00	100.00
RW 9-27	1	2,636.00	60.00	158,160.00	RUNWAY	100.00	0.00	100.00
TL GA	1	1,335.00	40.00	98,086.00	TAXILANE	100.00	0.00	100.00
TL N HANG	3	5,050.00	25.00	133,323.00	TAXILANE	76.67	4.19	74.64
TL W HAN	7	2,412.00	40.86	138,413.00	TAXILANE	58.29	12.93	60.29
TW A	3	4,749.00	56.67	453,624.00	TAXIWAY	74.33	25.82	57.84
TW A2	1	295.00	90.00	38,414.00	TAXIWAY	61.00	0.00	61.00
TW C	3	3,433.00	61.67	231,074.00	TAXIWAY	62.00	17.28	55.57
TW D	4	5,760.00	45.00	328,348.00	TAXIWAY	65.25	20.44	59.95
TW E	2	2,905.00	42.50	126,426.00	TAXIWAY	100.00	0.00	100.00
TW E1	1	180.00	70.00	18,357.00	TAXIWAY	100.00	0.00	100.00
TW E2	2	192.00	30.00	7,632.00	TAXIWAY	78.50	21.50	77.44
TW E3	1	190.00	50.00	13,758.00	TAXIWAY	100.00	0.00	100.00
TW F	1	750.00	50.00	50,341.00	TAXIWAY	57.00	0.00	57.00
TW H	1	1,210.00	50.00	65,942.00	TAXIWAY	100.00	0.00	100.00

Pavement Database: FDOT

Use Category	Number of Sections	Total Area (SqFt)	Arithmetic Average PCI	Average STD PCI	Weighted Average PCI
APRON	20	1,743,388.00	74.80	17.36	78.39
RUNWAY	12	2,154,323.00	100.00	0.00	100.00
TAXILANE	11	369,822.00	67.09	16.85	75.99
TAXIWAY	19	1,333,916.00	76.05	22.97	65.23
ALL	62	5,601,449.00	78.69	20.69	83.41

Pavement Database: FDOT *NetworkId: PGD*

Branch ID	Section ID	Last Const. Date	Surface	Use	Rank	Lanes	True Area (SqFt)	Last Inspection Date	Age At Inspection	PCI
AP FUEL	4405	7/1/2022	PCC	APRON	P	0	7,333.00	7/1/2022	0	100
AP FUEL	4410	7/1/2022	AC	APRON	P	0	7,990.00	7/1/2022	0	100
AP GA	4505	7/1/2022	PCC	APRON	P	0	11,231.00	7/1/2022	0	100
AP GA	4510	7/1/2022	AC	APRON	P	0	516,802.00	7/1/2022	0	100
AP S	4105	1/1/1992	AC	APRON	P	0	192,015.00	6/23/2022	30	48
AP S	4110	1/1/1992	AC	APRON	P	0	3,508.00	6/23/2022	30	54
AP TERM	4205	1/1/2009	PCC	APRON	P	0	278,175.00	6/23/2022	13	82
AP TERM	4206	1/1/2009	AC	APRON	P	0	194,550.00	6/23/2022	13	76
AP TERM	4208	12/25/1995	PCC	APRON	P	0	10,625.00	6/23/2022	27	61
AP TERM	4210	1/1/2007	AC	APRON	P	0	14,657.00	6/23/2022	15	82
AP TERM	4215	1/1/2007	AC	APRON	P	0	32,858.00	6/23/2022	15	70
AP TERM	4220	1/1/2009	AC	APRON	P	0	31,145.00	6/23/2022	13	75
AP TERM	4225	7/2/2018	PCC	APRON	P	0	102,541.00	6/23/2022	4	95
AP TERM	4230	7/2/2018	AC	APRON	P	0	30,430.00	6/23/2022	4	88
AP TERM	4235	1/1/1993	AAC	APRON	P	0	2,534.00	6/23/2022	29	70
AP TERM	4240	1/1/1993	AC	APRON	P	0	10,800.00	6/23/2022	29	68
AP TERM	4245	1/1/1993	AAC	APRON	P	0	3,675.00	6/23/2022	29	61
AP TERM	4250	1/1/1993	AC	APRON	P	0	3,304.00	6/23/2022	29	60
AP W	4305	12/25/1999	AC	APRON	P	0	206,301.00	6/23/2022	23	51
AP W	4320	12/25/1999	AC	APRON	P	0	82,914.00	6/23/2022	23	55
RW 15-33	6210	11/1/2020	AAC	RUNWAY	P	0	249,444.00	11/1/2020	0	100
RW 15-33	6215	11/1/2020	AAC	RUNWAY	P	0	498,888.00	11/1/2020	0	100
RW 15-33	6220	11/1/2020	AAC	RUNWAY	P	0	26,644.00	11/1/2020	0	100
RW 15-33	6225	11/1/2020	AAC	RUNWAY	P	0	53,287.00	11/1/2020	0	100
RW 15-33	6230	11/1/2020	AC	RUNWAY	P	0	29,550.00	11/1/2020	0	100
RW 15-33	6235	11/1/2020	AC	RUNWAY	P	0	59,100.00	11/1/2020	0	100
RW 4-22	6105	11/1/2022	AC	RUNWAY	P	0	431,700.00	11/1/2022	0	100
RW 4-22	6110	11/1/2022	AAC	RUNWAY	P	0	446,940.00	11/1/2022	0	100
RW 4-22	6120	11/1/2022	AAC	RUNWAY	P	0	129,780.00	11/1/2022	0	100
RW 4-22	6130	11/1/2022	AAC	RUNWAY	P	0	42,030.00	11/1/2022	0	100
RW 4-22	6140	11/1/2022	AAC	RUNWAY	P	0	28,800.00	11/1/2022	0	100
RW 9-27	6305	1/1/2023	AAC	RUNWAY	P	0	158,160.00	1/1/2023	0	100
TL GA	3305	7/1/2022	AC	TAXILANE	P	0	98,086.00	7/1/2022	0	100
TL N HANG	3505	1/1/2006	AC	TAXILANE	P	0	79,013.00	6/23/2022	16	71
TL N HANG	3510	1/1/2004	AC	TAXILANE	P	0	35,068.00	6/23/2022	18	81
TL N HANG	3515	1/1/2006	AC	TAXILANE	P	0	19,242.00	6/23/2022	16	78
TL W HANG	3405	1/1/1992	AC	TAXILANE	P	0	22,295.00	6/23/2022	30	61
TL W HANG	3410	1/1/1990	AC	TAXILANE	P	0	15,629.00	6/23/2022	32	57
TL W HANG	3415	12/25/1999	AC	TAXILANE	P	0	7,080.00	6/23/2022	23	73
TL W HANG	3420	1/1/1992	AC	TAXILANE	P	0	45,846.00	6/23/2022	30	61
TL W HANG	3425	1/1/1992	AC	TAXILANE	P	0	27,208.00	6/23/2022	30	60
TL W HANG	3430	1/1/2003	AC	TAXILANE	P	0	14,668.00	6/23/2022	19	67
TL W HANG	3435	1/1/1989	AC	TAXILANE	P	0	5,687.00	6/23/2022	33	29
TW A	125	11/1/2020	AC	TAXIWAY	P	0	20,593.00	11/1/2020	0	100
TW A	320	9/1/2016	AC	TAXIWAY	P	0	162,031.00	6/23/2022	6	84
TW A	330	1/1/2009	AAC	TAXIWAY	P	0	271,000.00	6/23/2022	13	39
TW A2	365	1/1/2009	AAC	TAXIWAY	P	0	38,414.00	6/23/2022	13	61
TW C	305	1/1/1993	AAC	TAXIWAY	P	0	48,969.00	6/23/2022	29	46
TW C	310	1/1/2009	AAC	TAXIWAY	P	0	158,559.00	6/23/2022	13	54

TW C	315	9/1/2016	AAC	TAXIWAY	P	0	23,546.00	6/23/2022	6	86
TW D	105	11/1/2020	AC	TAXIWAY	P	0	69,571.00	11/1/2020	0	100
TW D	115	1/1/1993	AAC	TAXIWAY	P	0	211,450.00	6/23/2022	29	48
TW D	120	1/1/1993	AAC	TAXIWAY	P	0	43,181.00	6/23/2022	29	54
TW D	155	1/1/1993	AAC	TAXIWAY	P	0	4,146.00	6/23/2022	29	59
TW E	510	11/1/2020	AC	TAXIWAY	P	0	26,501.00	11/1/2020	0	100
TW E	520	1/1/2022	AC	TAXIWAY	P	0	99,925.00	1/1/2022	0	100
TW E1	550	1/1/2022	AC	TAXIWAY	P	0	18,357.00	1/1/2022	0	100
TW E2	560	1/1/2010	AC	TAXIWAY	P	0	4,005.00	6/23/2022	12	57
TW E2	565	1/1/2022	AC	TAXIWAY	P	0	3,627.00	1/1/2022	0	100
TW E3	570	1/1/2022	AC	TAXIWAY	P	0	13,758.00	1/1/2022	0	100
TW F	1105	12/25/1999	AC	TAXIWAY	P	0	50,341.00	6/23/2022	23	57
TW H	805	11/1/2020	AC	TAXIWAY	P	0	65,942.00	11/1/2020	0	100

Pavement Database: FDOT

Age Category	Average Age at Inspection	Total Area (SqFt)	Number of Sections	Arithmetic Average PCI	Standard Deviation PCI	Weighted Average PCI
00-02		3,114,039.00	25	100.00	0.00	100.00
03-05	4	132,971.00	2	91.50	3.50	93.40
06-10	6	185,577.00	2	85.00	1.00	84.25
11-15	13	1,023,363.00	9	66.22	13.69	63.65
16-20	17	147,991.00	4	74.25	5.54	73.88
21-25	23	346,636.00	4	59.00	8.37	53.28
26-30	29	629,556.00	14	57.93	6.89	51.08
31-35	33	21,316.00	2	43.00	14.00	49.53
ALL	13	5,601,449.00	62	78.69	20.69	83.41

Appendix B: Maintenance and Rehabilitation Planning Needs

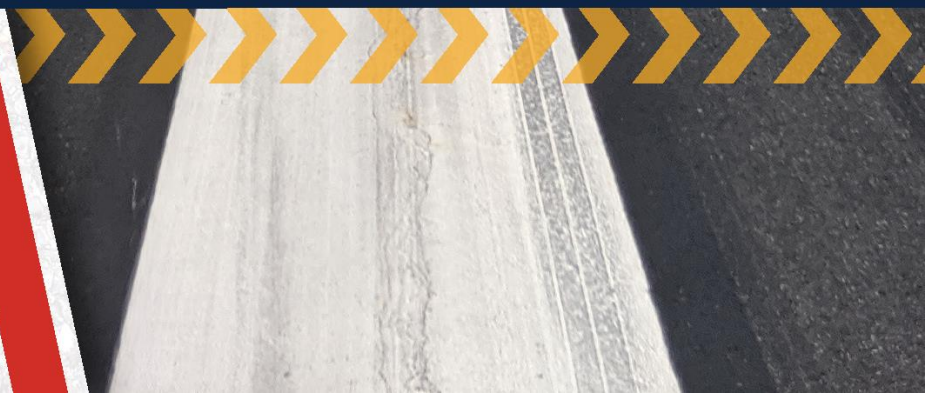


Table B.1: Localized Maintenance and Repair Needs Based on Current Distresses

Network ID	Branch ID	Section ID	Description	Severity	Distress Qty	Distress Unit	Distress Density	Policy Type	Localized Work Type	Work Qty	Work Unit	Unit Cost	Work Cost
PGD	TL N HANG	3505	RAVELING	Low	7,898	SF	10.0%	Preventive	Surface Seal	7,899	SF	$ 0.75	$ 5,930
PGD	TL N HANG	3505	WEATHERING	Medium	71,115	SF	90.0%	Preventive	Surface Seal	71,115	SF	$ 0.75	$ 53,340
PGD	TL N HANG	3510	WEATHERING	Medium	7,014	SF	20.0%	Preventive	Surface Seal	7,014	SF	$ 0.75	$ 5,270
PGD	TL N HANG	3515	WEATHERING	Medium	2,886	SF	15.0%	Preventive	Surface Seal	2,886	SF	$ 0.75	$ 2,170
PGD	TL W HANG	3415	WEATHERING	Medium	1,771	SF	25.0%	Preventive	Surface Seal	1,771	SF	$ 0.75	$ 1,330
PGD	AP TERM	4205	JT SEAL DMG	Low	618	Slabs	66.7%	Preventive	PCC Joint Seal	14,200	LF	$ 4.25	$ 60,360
PGD	AP TERM	4205	JT SEAL DMG	Medium	309	Slabs	33.3%	Preventive	PCC Joint Seal	7,100	LF	$ 4.25	$ 30,180
PGD	AP TERM	4206	RAVELING	Low	756	SF	0.4%	Preventive	Surface Seal	757	SF	$ 0.75	$ 570
PGD	AP TERM	4206	WEATHERING	Medium	140,250	SF	72.1%	Preventive	Surface Seal	140,250	SF	$ 0.75	$ 105,190
PGD	AP TERM	4210	WEATHERING	Medium	2,931	SF	20.0%	Preventive	Surface Seal	2,931	SF	$ 0.75	$ 2,200
PGD	AP TERM	4220	WEATHERING	Medium	15,572	SF	50.0%	Preventive	Surface Seal	15,572	SF	$ 0.75	$ 11,680
PGD	AP TERM	4225	JOINT SPALL	High	5	Slabs	2.0%	Preventive	PCC Partial-Depth Patching	41	SF	$ 169.00	$ 6,990
PGD	TW A	330	ALLIGATOR CR	Medium	742	SF	0.3%	Stopgap	AC Full-Depth Patching	856	SF	$ 18.75	$ 16,050
PGD	TL W HANG	3420	L & T CR	High	69	LF	0.2%	Stopgap	AC Full-Depth Patching	228	SF	$ 18.75	$ 4,280
PGD	TL W HANG	3425	L & T CR	High	73	LF	0.3%	Stopgap	AC Full-Depth Patching	238	SF	$ 18.75	$ 4,460
PGD	TL W HANG	3435	DEPRESSION	High	63	SF	1.1%	Stopgap	AC Full-Depth Patching	99	SF	$ 18.75	$ 1,860
PGD	AP TERM	4208	JOINT SPALL	Medium	23	Slabs	31.3%	Stopgap	PCC Partial-Depth Patching	150	SF	$ 169.00	$ 25,250
PGD	AP TERM	4208	CORNER SPALL	Medium	5	Slabs	6.3%	Stopgap	PCC Partial-Depth Patching	13	SF	$ 169.00	$ 2,110

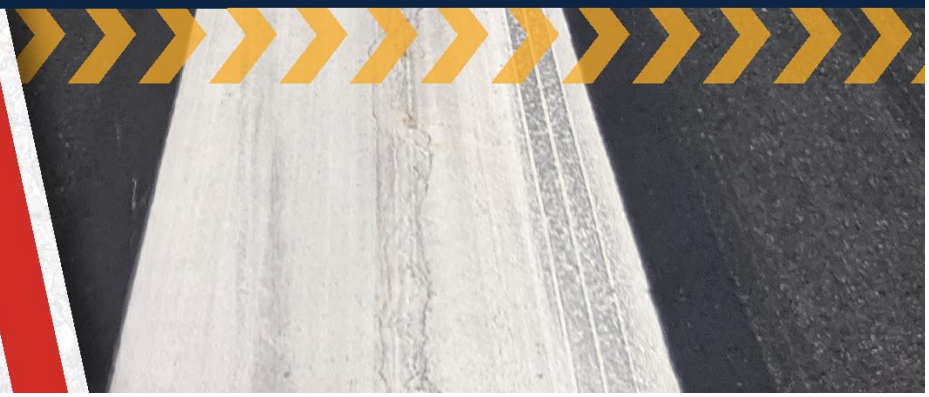
Table B.2: Section-Level 10-Year Major Rehabilitation Needs

Program Year	Network ID	Branch ID	Section ID	Surface	Area (SF)	PCI Before	Rehabilitation Type	Planning Cost Estimate
2023	PGD	TW A	330	AAC	271,000	37	AC Reconstruction	$ 8,266,000
2023	PGD	TW A2	365	AAC	38,414	60	AC Rehabilitation	$ 538,000
2023	PGD	TW C	305	AAC	48,969	45	AC Reconstruction	$ 1,494,000
2023	PGD	TW C	310	AAC	158,559	53	AC Reconstruction	$ 4,837,000
2023	PGD	TW D	115	AAC	211,450	47	AC Reconstruction	$ 6,450,000
2023	PGD	TW D	120	AAC	43,181	53	AC Reconstruction	$ 1,318,000
2023	PGD	TW D	155	AAC	4,146	58	AC Rehabilitation	$ 59,000
2023	PGD	TW E2	560	AC	4,005	56	AC Rehabilitation	$ 57,000
2023	PGD	TW F	1105	AC	50,341	56	AC Rehabilitation	$ 705,000
2023	PGD	TL N HANG	3505	AC	79,013	70	AC Rehabilitation	$ 1,107,000
2023	PGD	TL W HANG	3405	AC	22,295	60	AC Rehabilitation	$ 313,000
2023	PGD	TL W HANG	3410	AC	15,629	56	AC Rehabilitation	$ 219,000
2023	PGD	TL W HANG	3420	AC	45,846	60	AC Rehabilitation	$ 642,000
2023	PGD	TL W HANG	3425	AC	27,208	59	AC Rehabilitation	$ 381,000
2023	PGD	TL W HANG	3430	AC	14,668	66	AC Rehabilitation	$ 206,000
2023	PGD	TL W HANG	3435	AC	5,687	27	AC Reconstruction	$ 174,000
2023	PGD	AP S	4105	AC	192,015	46	AC Reconstruction	$ 5,857,000
2023	PGD	AP S	4110	AC	3,508	52	AC Reconstruction	$ 107,000
2023	PGD	AP TERM	4208	PCC	10,625	60	PCC Rehabilitation	$ 325,000
2023	PGD	AP TERM	4215	AC	32,858	68	AC Rehabilitation	$ 460,000
2023	PGD	AP TERM	4235	AAC	2,534	68	AC Rehabilitation	$ 36,000
2023	PGD	AP TERM	4240	AC	10,800	66	AC Rehabilitation	$ 152,000
2023	PGD	AP TERM	4245	AAC	3,675	60	AC Rehabilitation	$ 52,000
2023	PGD	AP TERM	4250	AC	3,304	58	AC Rehabilitation	$ 47,000
2023	PGD	AP W	4305	AC	206,301	49	AC Reconstruction	$ 6,293,000
2023	PGD	AP W	4320	AC	82,914	53	AC Reconstruction	$ 2,529,000
2025	PGD	TL W HANG	3415	AC	7,080	70	AC Rehabilitation	$ 110,000
2025	PGD	AP TERM	4220	AC	31,145	70	AC Rehabilitation	$ 481,000
2026	PGD	AP TERM	4206	AC	194,550	69	AC Rehabilitation	$ 3,153,000
2029	PGD	TL N HANG	3515	AC	19,242	69	AC Rehabilitation	$ 361,000

Program Year	Network ID	Branch ID	Section ID	Surface	Area (SF)	PCI Before	Rehabilitation Type	Planning Cost Estimate
2030	**PGD**	TW C	315	AAC	23,546	70	AC Rehabilitation	$ 464,000
2030	**PGD**	AP TERM	4210	AC	14,657	69	AC Rehabilitation	$ 289,000
2031	**PGD**	TL N HANG	3510	AC	35,068	69	AC Rehabilitation	$ 726,000

**All planning cost values have been rounded up to the nearest thousand dollars.*

Appendix C: Technical Exhibits



PGD

AIRFIELD PAVEMENT NETWORK DEFINITION EXHIBIT

Statewide Airfield Pavement Management Program

PUNTA GORDA AIRPORT

FDOT

2022

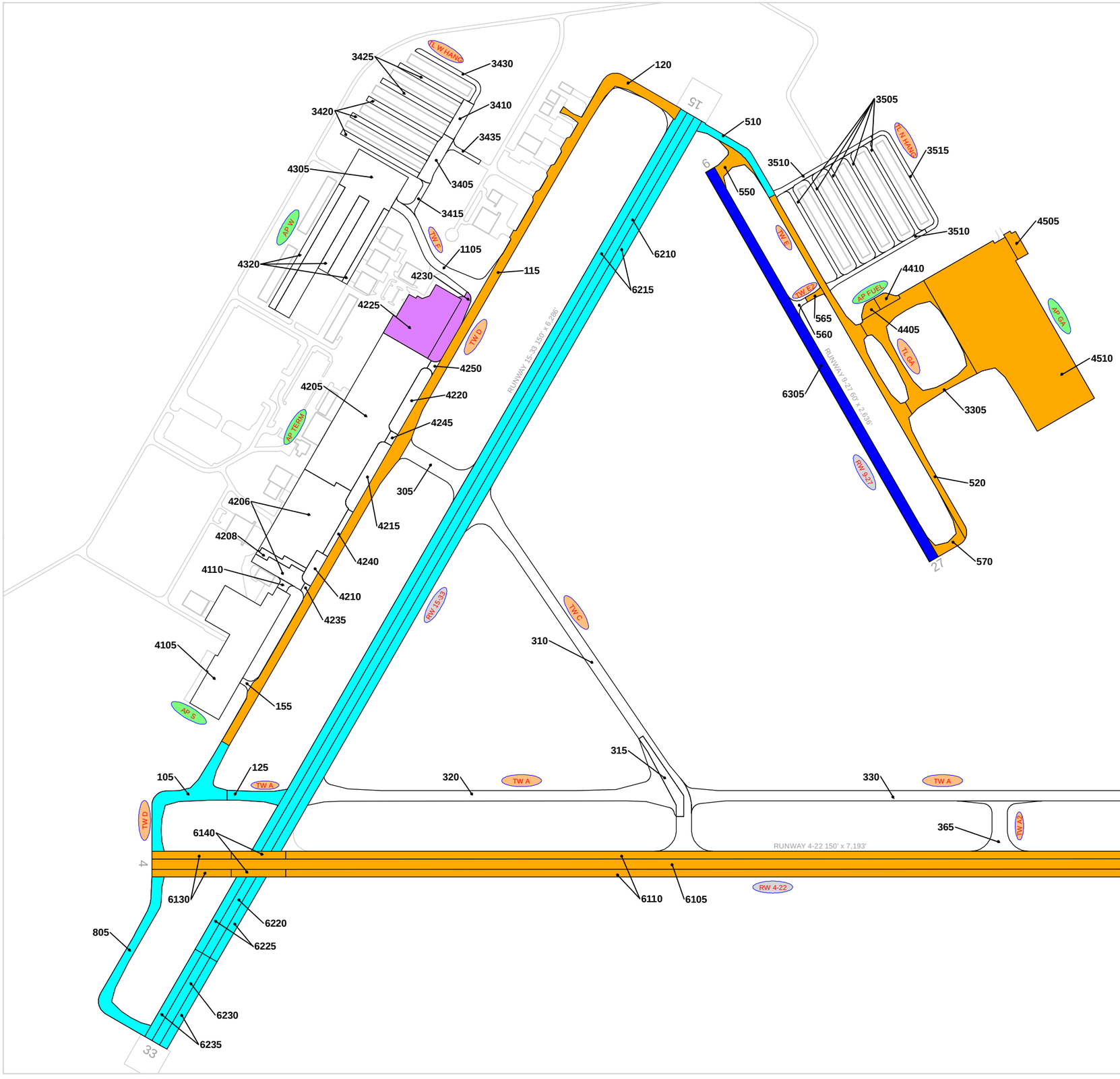
NORTH

LEGEND

- RW 13-31 — TYPICAL RUNWAY BRANCH ID
- TW A — TYPICAL TAXIWAY BRANCH ID
- AP S — TYPICAL APRON BRANCH ID
- AAC / AP MAIN / 4105 / 10 | 100 — PAVEMENT SURFACE TYPE; PAVEMENT BRANCH ID; SECTION NUMBER; NUMBER OF SAMPLE UNITS IN SECTION; NUMBER OF SAMPLE UNITS TO BE INSPECTED
- AAC / AP MAIN / 4105 / 0 | 100 — SECTION NOT INSPECTED DUE TO RECENT CONSTRUCTION. SEE SYSTEM INVENTORY MAP FOR CONSTRUCTION DATES.
- 100 — INSPECTED SAMPLE UNITS.

TOTAL SAMPLES INSPECTED = 74
AC: 68 PCC: 6

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



NORTH

RECENT & ANTICIPATED CONSTRUCTION ACTIVITY

CONSTRUCTION YEAR	LOCATION	WORK TYPE / PAVEMENT SECTION
2018	AP TERM	New Construction - PCC
	AP TERM	New Construction - AC
2020	RW 15-33	New Construction - AC | 4" P-401, 5" P-401 Base, 6" P-211
	RW 15-33	Mill and Overlay | 2" Mill, 2" P-401 Overlay
	TW A, TW D, TW E, TW H	New Construction - AC | 4" P-401, 6" P-211
2022	TW E	New Construction - AC | 4" P-401, 5" P-211, 12" in-situ subgrade
	TW E1	New Construction - AC | 4" P-401, 6" P-211
	TW E2	Complete Reconstruction - AC | 4" P-401, 5" P-211, 12" in-situ subgrade
	AP FUEL, AP GA, TL GA, TW E3	New Construction - AC | 4" P-401, 4" P-211, 12" in-situ subgrade
	AP FUEL, AP GA	New Construction - PCC | 6" P-501, 4" P-211, 12" in-situ subgrade
	RW 4-22	Complete Reconstruction - AC | 3" P-401, 6" P-401 Base, 12" P-211
	RW 4-22	Mill and Overlay | Variable depth mill, 3" P-401 overlay
	TW D	Mill and Overlay | 2" Mill, 2" P-401 Overlay
2023	RW 9-27	Mill and Overlay

LEGEND

RW 13-31 — TYPICAL RUNWAY BRANCH ID

TW A — TYPICAL TAXIWAY BRANCH ID

AP S — TYPICAL APRON BRANCH ID

PROJECT YEAR

2017		2022	
2018		2023	
2019		2024	
2020		2025	
2021		2026	

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

PGD

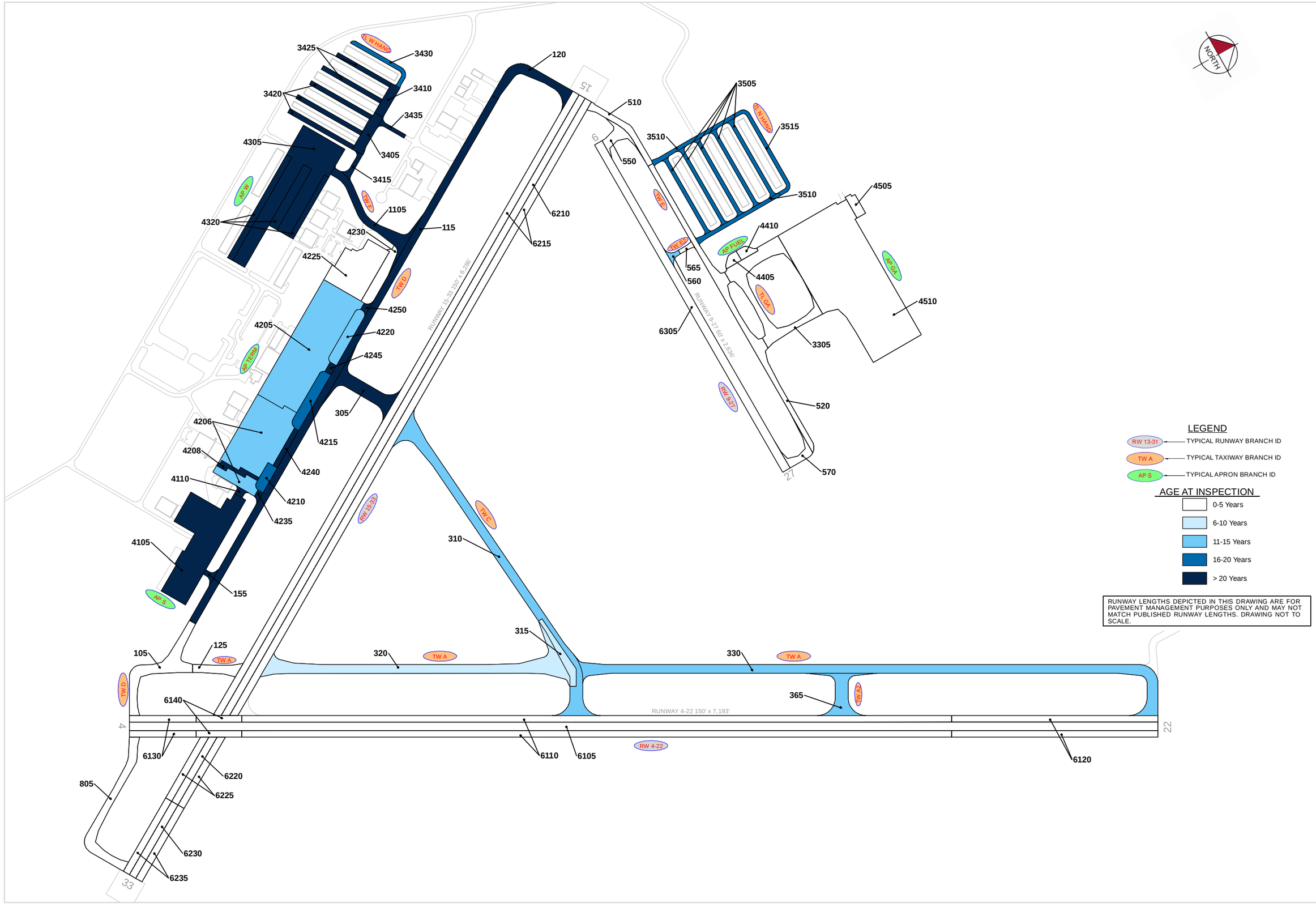
AIRFIELD PAVEMENT SYSTEM INVENTORY EXHIBIT

Statewide Airfield Pavement Management Program

PUNTA GORDA AIRPORT

FDOT

2022



NORTH

LEGEND

RW 13-31 — TYPICAL RUNWAY BRANCH ID

TW A — TYPICAL TAXIWAY BRANCH ID

AP S — TYPICAL APRON BRANCH ID

AGE AT INSPECTION

- 0-5 Years
- 6-10 Years
- 11-15 Years
- 16-20 Years
- > 20 Years

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

PGD

AIRFIELD PAVEMENT ESTIMATED AGE EXHIBIT

Statewide Airfield Pavement Management Program

PUNTA GORDA AIRPORT

FDOT

2022

PGD

LEGEND

RW 13-31 — TYPICAL RUNWAY BRANCH ID

TW A — TYPICAL TAXIWAY BRANCH ID

AP S — TYPICAL APRON BRANCH ID

2022 PAVEMENT CONDITION INDEX

- PCI 86-100 Good
- PCI 71-85 Satisfactory
- PCI 56-70 Fair
- PCI 41-55 Poor
- PCI 26-40 Very Poor
- PCI 11-25 Serious
- PCI 0-10 Failed

"SECTION ID"
"PCI VALUE"

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

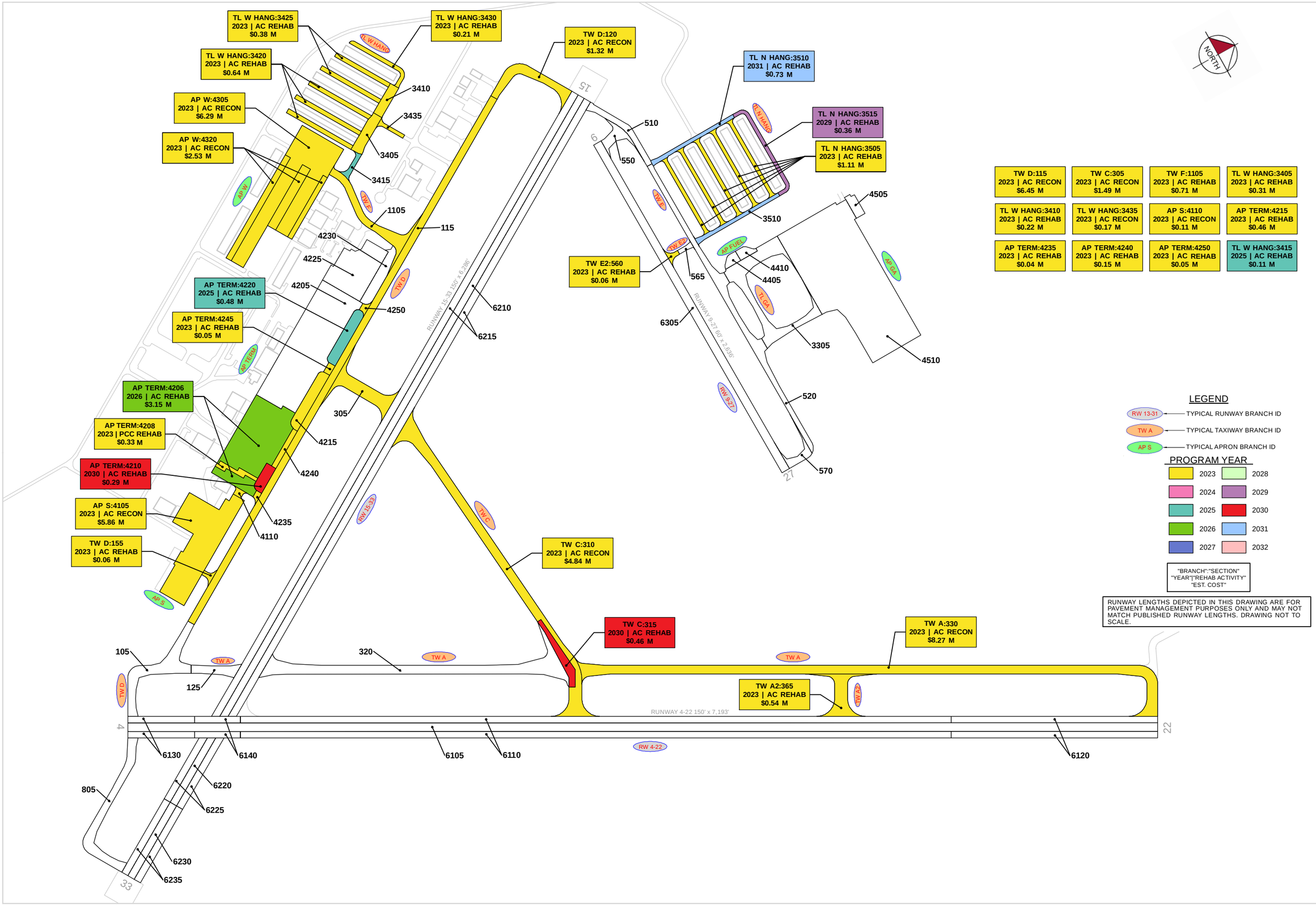
AIRFIELD PAVEMENT CONDITION INDEX EXHIBIT

Statewide Airfield Pavement Management Program

PUNTA GORDA AIRPORT

FDOT

2022



PGD

AIRFIELD PAVEMENT MAJOR REHABILITATION EXHIBIT

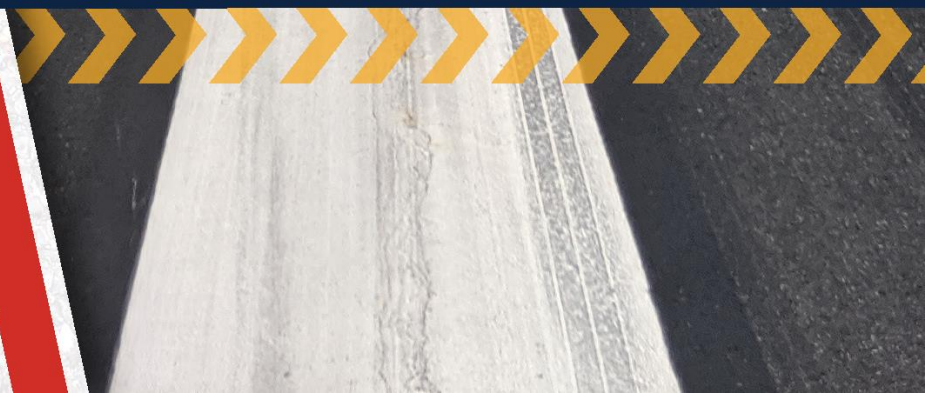
Statewide Airfield Pavement Management Program

PUNTA GORDA AIRPORT

FDOT

2022

Appendix D: Inspection Photograph Documentation



TW A, Section 320, Sample Unit 257 - Longitudinal & Transverse Cracking

TW A, Section 330, Sample Unit 203 - Rutting

TW A, Section 330, Sample Unit 211 – Alligator Cracking

TW C, Section 305, Sample Unit 303 – Rutting

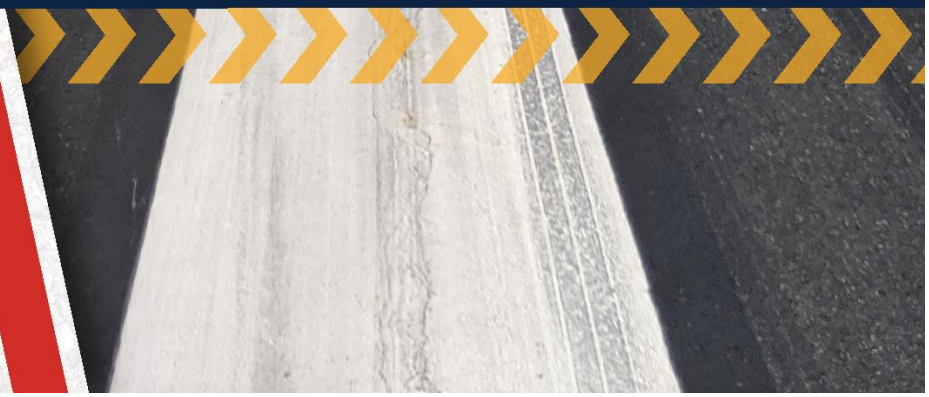
TW D, Section 115, Sample Unit 122 – Patching

TW D, Section 120, Sample Unit 152 – Longitudinal & Transverse Cracking and Swelling

AP TERM, Section 4205, Sample Unit 200 – Linear Cracking

AP S, Section 4105, Sample Unit 405 – Block Cracking

Appendix E: Inspection Distress Details



Re-Inspection Report

FDOT
Generated Date 11/17/2022

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: AP S **Name:** SOUTH GA APRON **Use:** APRON **Area:** 195,523 SqFt

Section: 4105 of 2 **From:** - **To:** - **Last Const.:** 1/1/1992

Surface: AC **Family:** CA653-PR-AP-AC **Zone:** **Category:** **Rank:** P

Area: 192,015 SqFt **Length:** 845 Ft **Width:** 200 Ft

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

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

Section Comments:

Work Date: 1/1/1992 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 38 **Surveyed:** 4

Conditions: **PCI:** 48

Inspection Comments:

Sample Number: 152 **Type:** R **Area:** 5000.00 SqFt **PCI:** 45

Sample Comments:

43	BLOCK CR	L	540.00	SqFt
48	L & T CR	L	220.00	Ft
48	L & T CR	M	100.00	Ft
52	RAVELING	M	800.00	SqFt
56	SWELLING	L	225.00	SqFt
57	WEATHERING	L	3150.00	SqFt
57	WEATHERING	M	1050.00	SqFt

Sample Number: 156 **Type:** R **Area:** 5000.00 SqFt **PCI:** 57

Sample Comments:

48	L & T CR	L	284.00	Ft
48	L & T CR	M	100.00	Ft
52	RAVELING	M	351.00	SqFt
56	SWELLING	L	105.00	SqFt
57	WEATHERING	L	3487.00	SqFt
57	WEATHERING	M	1162.00	SqFt

Sample Number: 250 **Type:** R **Area:** 4500.00 SqFt **PCI:** 58

Sample Comments:

48	L & T CR	L	218.00	Ft
48	L & T CR	M	200.00	Ft
56	SWELLING	L	50.00	SqFt
57	WEATHERING	L	3375.00	SqFt
57	WEATHERING	M	1125.00	SqFt

Sample Number: 405 **Type:** R **Area:** 6000.00 SqFt **PCI:** 36

Sample Comments:

43	BLOCK CR	L	2914.00	SqFt
48	L & T CR	L	306.00	Ft
48	L & T CR	M	150.00	Ft
52	RAVELING	M	2700.00	SqFt
56	SWELLING	L	50.00	SqFt
57	WEATHERING	L	1800.00	SqFt
57	WEATHERING	M	1500.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: AP S **Name:** SOUTH GA APRON **Use:** APRON **Area:** 195,523 SqFt

Section: 4110 of 2 **From:** - **To:** - **Last Const.:** 1/1/1992

Surface: AC **Family:** CA653-PR-AP-AC **Zone:** **Category:** **Rank:** P

Area: 3,508 SqFt **Length:** 55 Ft **Width:** 60 Ft

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

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

Section Comments:

Work Date: 1/1/1992 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 54

Inspection Comments:

Sample Number: 109 **Type:** R **Area:** 3508.00 SqFt **PCI:** 54

Sample Comments:

43	BLOCK CR	L	486.00	SqFt
48	L & T CR	L	102.00	Ft
48	L & T CR	M	125.00	Ft
56	SWELLING	L	188.00	SqFt
57	WEATHERING	L	2631.00	SqFt
57	WEATHERING	M	877.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: AP TERM **Name:** TERMINAL APRON **Use:** APRON **Area:** 715,294 SqFt

Section: 4205 of 12 **From:** - **To:** - **Last Const.:** 1/1/2009

Surface: PCC **Family:** CA653-PR-AP-PCC **Zone:** **Category:** **Rank:** P

Area: 278,175 SqFt **Length:** 600 Ft **Width:** 300 Ft

Slabs: 927 **Slab Length:** 25 Ft **Slab Width:** 12 Ft **Joint Length:** 21,300 Ft

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

Section Comments: INCLUDES PRIOR SECITONS 360/198

Work Date: 1/1/1942 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

Work Date: 1/1/2009 **Work Type:** Surface Reconstruction - PCC **Code:** SR-PC **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 27 **Surveyed:** 3

Conditions: **PCI:** 82

Inspection Comments:

Sample Number: 200 **Type:** R **Area:** 20.00 Slabs **PCI:** 78

Sample Comments:

63	LINEAR CR	L	1.00	Slabs
65	JT SEAL DMG	M	20.00	Slabs
73	SHRINKAGE CR	N	12.00	Slabs
74	JOINT SPALL	L	2.00	Slabs

Sample Number: 302 **Type:** R **Area:** 20.00 Slabs **PCI:** 81

Sample Comments:

65	JT SEAL DMG	L	20.00	Slabs
73	SHRINKAGE CR	N	20.00	Slabs
74	JOINT SPALL	L	2.00	Slabs

Sample Number: 305 **Type:** R **Area:** 20.00 Slabs **PCI:** 88

Sample Comments:

65	JT SEAL DMG	L	20.00	Slabs
73	SHRINKAGE CR	N	9.00	Slabs
74	JOINT SPALL	L	2.00	Slabs

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: AP TERM **Name:** TERMINAL APRON **Use:** APRON **Area:** 715,294 SqFt

Section: 4206 of 12 **From:** - **To:** - **Last Const.:** 1/1/2009

Surface: AC **Family:** CA653-PR-AP-AC **Zone:** **Category:** **Rank:** P

Area: 194,550 SqFt **Length:** 950 Ft **Width:** 300 Ft

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

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

Section Comments:

Work Date: 1/1/1942 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 1/1/2009 **Work Type:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 40 **Surveyed:** 5

Conditions: **PCI:** 76

Inspection Comments:

Sample Number: 152 **Type:** R **Area:** 5000.00 SqFt **PCI:** 76

Sample Comments:

48	L & T CR	L	3.00	Ft
56	SWELLING	L	1.00	SqFt
57	WEATHERING	M	5000.00	SqFt

Sample Number: 253 **Type:** R **Area:** 5000.00 SqFt **PCI:** 73

Sample Comments:

48	L & T CR	L	42.00	Ft
49	OIL SPILLAGE	N	10.00	SqFt
57	WEATHERING	M	5000.00	SqFt

Sample Number: 301 **Type:** R **Area:** 4875.00 SqFt **PCI:** 75

Sample Comments:

48	L & T CR	L	40.00	Ft
57	WEATHERING	M	4875.00	SqFt

Sample Number: 305 **Type:** R **Area:** 5000.00 SqFt **PCI:** 73

Sample Comments:

48	L & T CR	L	8.00	Ft
52	RAVELING	L	100.00	SqFt
57	WEATHERING	L	2400.00	SqFt
57	WEATHERING	M	2500.00	SqFt

Sample Number: 93 **Type:** R **Area:** 5850.00 SqFt **PCI:** 81

Sample Comments:

48	L & T CR	L	86.00	Ft
57	WEATHERING	L	4680.00	SqFt
57	WEATHERING	M	1170.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: AP TERM **Name:** TERMINAL APRON **Use:** APRON **Area:** 715,294 SqFt

Section: 4208 of 12 **From:** - **To:** - **Last Const.:** 12/25/1995

Surface: PCC **Family:** CA653-PR-AP-PCC **Zone:** **Category:** **Rank:** P

Area: 10,625 SqFt **Length:** 300 Ft **Width:** 30 Ft

Slabs: 74 **Slab Length:** 12 Ft **Slab Width:** 12 Ft **Joint Length:** 1,170 Ft

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

Section Comments:

Work Date: 12/25/1995 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 4 **Surveyed:** 1

Conditions: **PCI:** 61

Inspection Comments:

Sample Number: 402 **Type:** R **Area:** 16.00 Slabs **PCI:** 61

Sample Comments:

65	JT SEAL DMG	M	16.00	Slabs
73	SHRINKAGE CR	N	12.00	Slabs
74	JOINT SPALL	L	10.00	Slabs
74	JOINT SPALL	M	5.00	Slabs
75	CORNER SPALL	M	1.00	Slabs

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: AP TERM **Name:** TERMINAL APRON **Use:** APRON **Area:** 715,294 SqFt

Section: 4210 of 12 **From:** - **To:** - **Last Const.:** 1/1/2007

Surface: AC **Family:** CA653-PR-AP-AC **Zone:** **Category:** **Rank:** P

Area: 14,657 SqFt **Length:** 200 Ft **Width:** 75 Ft

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

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

Section Comments:

Work Date: 1/1/2007 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 4 **Surveyed:** 1

Conditions: **PCI:** 82

Inspection Comments:

Sample Number: 202 **Type:** R **Area:** 3750.00 SqFt **PCI:** 82

Sample Comments:

48	L & T CR	L	29.00	Ft
57	WEATHERING	L	3000.00	SqFt
57	WEATHERING	M	750.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: AP TERM **Name:** TERMINAL APRON **Use:** APRON **Area:** 715,294 SqFt

Section: 4215 of 12 **From:** - **To:** - **Last Const.:** 1/1/2007

Surface: AC **Family:** CA653-PR-AP-AC **Zone:** **Category:** **Rank:** P

Area: 32,858 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:

Work Date: 1/1/2007 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 9 **Surveyed:** 1

Conditions: **PCI:** 70

Inspection Comments:

Sample Number: 204 **Type:** R **Area:** 3750.00 SqFt **PCI:** 70

Sample Comments:

48	L & T CR	L	103.00	Ft
50	PATCHING	L	100.00	SqFt
57	WEATHERING	L	1825.00	SqFt
57	WEATHERING	M	1825.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: AP TERM **Name:** TERMINAL APRON **Use:** APRON **Area:** 715,294 SqFt

Section: 4220 of 12 **From:** - **To:** - **Last Const.:** 1/1/2009

Surface: AC **Family:** CA653-PR-AP-AC **Zone:** **Category:** **Rank:** P

Area: 31,145 SqFt **Length:** 430 Ft **Width:** 75 Ft

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

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

Section Comments:

Work Date: 1/1/2009 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 8 **Surveyed:** 1

Conditions: **PCI:** 75

Inspection Comments:

Sample Number: 405 **Type:** R **Area:** 3750.00 SqFt **PCI:** 75

Sample Comments:

48	L & T CR	L	31.00	Ft
57	WEATHERING	L	1875.00	SqFt
57	WEATHERING	M	1875.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: AP TERM **Name:** TERMINAL APRON **Use:** APRON **Area:** 715,294 SqFt

Section: 4225 of 12 **From:** - **To:** - **Last Const.:** 7/2/2018

Surface: PCC **Family:** CA653-PR-AP-PCC **Zone:** **Category:** **Rank:** P

Area: 102,541 SqFt **Length:** 400 Ft **Width:** 300 Ft

Slabs: 256 **Slab Length:** 20 Ft **Slab Width:** 20 Ft **Joint Length:** 11,300 Ft

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

Section Comments:

Work Date: 7/2/2018 **Work Type:** New Construction - PCC **Code:** NC-PC **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 11 **Surveyed:** 2

Conditions: **PCI:** 95

Inspection Comments:

Sample Number: 201 **Type:** R **Area:** 25.00 Slabs **PCI:** 89

Sample Comments:

74	JOINT SPALL	H	1.00	Slabs

Sample Number: 303 **Type:** R **Area:** 25.00 Slabs **PCI:** 100

Sample Comments:

<No Distress>

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: AP TERM **Name:** TERMINAL APRON **Use:** APRON **Area:** 715,294 SqFt

Section: 4230 of 12 **From:** - **To:** - **Last Const.:** 7/2/2018

Surface: AC **Family:** CA653-PR-AP-AC **Zone:** **Category:** **Rank:** P

Area: 30,430 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:

Work Date: 7/2/2018 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 8 **Surveyed:** 1

Conditions: **PCI:** 88

Inspection Comments:

Sample Number: 103 **Type:** R **Area:** 3750.00 SqFt **PCI:** 88

Sample Comments:

48	L & T CR	L	73.00	Ft
57	WEATHERING	L	3750.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: AP TERM **Name:** TERMINAL APRON **Use:** APRON **Area:** 715,294 SqFt

Section: 4235 of 12 **From:** - **To:** - **Last Const.:** 1/1/1993

Surface: AAC **Family:** CA653-PR-AP-AAC-APC **Zone:** **Category:** **Rank:** P

Area: 2,534 SqFt **Length:** 65 Ft **Width:** 27 Ft

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

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

Section Comments:

Work Date: 1/1/1993 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

Work Date: 1/1/1993 **Work Type:** OVERLAY **Code:** IMPORTED **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 70

Inspection Comments:

Sample Number: 100 **Type:** R **Area:** 2534.00 SqFt **PCI:** 70

Sample Comments:

48	L & T CR	L	73.00	Ft
52	RAVELING	L	127.00	SqFt
57	WEATHERING	L	1140.00	SqFt
57	WEATHERING	M	1267.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: AP TERM **Name:** TERMINAL APRON **Use:** APRON **Area:** 715,294 SqFt

Section: 4240 of 12 **From:** - **To:** - **Last Const.:** 1/1/1993

Surface: AC **Family:** CA653-PR-AP-AC **Zone:** **Category:** **Rank:** P

Area: 10,800 SqFt **Length:** 300 Ft **Width:** 25 Ft

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

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

Section Comments:

Work Date: 1/1/1993 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 2 **Surveyed:** 1

Conditions: **PCI:** 68

Inspection Comments:

Sample Number: 101 **Type:** R **Area:** 5400.00 SqFt **PCI:** 68

Sample Comments:

48	L & T CR	L	272.00	Ft
48	L & T CR	M	50.00	Ft
52	RAVELING	L	25.00	SqFt
57	WEATHERING	L	4300.00	SqFt
57	WEATHERING	M	1075.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: AP TERM **Name:** TERMINAL APRON **Use:** APRON **Area:** 715,294 SqFt

Section: 4245 of 12 **From:** - **To:** - **Last Const.:** 1/1/1993

Surface: AAC **Family:** CA653-PR-AP-AAC-APC **Zone:** **Category:** **Rank:** P

Area: 3,675 SqFt **Length:** 60 Ft **Width:** 25 Ft

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

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

Section Comments:

Work Date: 1/1/1993 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

Work Date: 1/1/1993 **Work Type:** OVERLAY **Code:** IMPORTED **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 61

Inspection Comments:

Sample Number: 312 **Type:** R **Area:** 3675.00 SqFt **PCI:** 61

Sample Comments:

48	L & T CR	L	189.00	Ft
48	L & T CR	M	100.00	Ft
50	PATCHING	L	150.00	SqFt
52	RAVELING	L	353.00	SqFt
57	WEATHERING	M	3172.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: AP TERM **Name:** TERMINAL APRON **Use:** APRON **Area:** 715,294 SqFt

Section: 4250 of 12 **From:** - **To:** - **Last Const.:** 1/1/1993

Surface: AC **Family:** CA653-PR-AP-AC **Zone:** **Category:** **Rank:** P

Area: 3,304 SqFt **Length:** 52 Ft **Width:** 25 Ft

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

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

Section Comments:

Work Date: 1/1/1993 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 60

Inspection Comments:

Sample Number: 100 **Type:** R **Area:** 3304.00 SqFt **PCI:** 60

Sample Comments:

48	L & T CR	L	39.00	Ft
48	L & T CR	M	100.00	Ft
52	RAVELING	L	328.00	SqFt
52	RAVELING	M	20.00	SqFt
54	SHOVING	L	3.00	SqFt
57	WEATHERING	M	2956.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: AP W **Name:** WEST APRON **Use:** APRON **Area:** 289,215 SqFt

Section: 4305 of 2 **From:** - **To:** - **Last Const.:** 12/25/1999

Surface: AC **Family:** CA653-PR-AP-AC **Zone:** **Category:** **Rank:** P

Area: 206,301 SqFt **Length:** 250 Ft **Width:** 1,065 Ft

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

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

Section Comments:

Work Date: 12/25/1999 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 42 **Surveyed:** 6

Conditions: **PCI:** 51

Inspection Comments:

Sample Number: 151 **Type:** R **Area:** 4850.00 SqFt **PCI:** 42

Sample Comments:

48	L & T CR	L	425.00	Ft
48	L & T CR	M	400.00	Ft
52	RAVELING	L	1936.00	SqFt
52	RAVELING	M	10.00	SqFt
56	SWELLING	L	250.00	SqFt
57	WEATHERING	M	2904.00	SqFt

Sample Number: 156 **Type:** R **Area:** 4850.00 SqFt **PCI:** 62

Sample Comments:

45	DEPRESSION	L	42.00	SqFt
48	L & T CR	L	299.00	Ft
48	L & T CR	M	100.00	Ft
52	RAVELING	L	1455.00	SqFt
57	WEATHERING	M	3395.00	SqFt

Sample Number: 209 **Type:** R **Area:** 3928.00 SqFt **PCI:** 65

Sample Comments:

48	L & T CR	L	229.00	Ft
48	L & T CR	M	100.00	Ft
52	RAVELING	L	1178.00	SqFt
57	WEATHERING	M	2750.00	SqFt

Sample Number: 300 **Type:** R **Area:** 4850.00 SqFt **PCI:** 36

Sample Comments:

43	BLOCK CR	L	2910.00	SqFt
43	BLOCK CR	M	485.00	SqFt
48	L & T CR	L	113.00	Ft
48	L & T CR	M	111.00	Ft
52	RAVELING	L	1455.00	SqFt
56	SWELLING	L	485.00	SqFt
57	WEATHERING	M	3395.00	SqFt

Sample Number: 306 **Type:** R **Area:** 6014.00 SqFt **PCI:** 48

Sample Comments:

48	L & T CR	L	234.00	Ft
48	L & T CR	M	454.00	Ft
50	PATCHING	M	16.00	SqFt
52	RAVELING	L	1199.00	SqFt
57	WEATHERING	M	4799.00	SqFt

Sample Number: 352 **Type:** R **Area:** 4850.00 SqFt **PCI:** 54

Sample Comments:

48	L & T CR	L	544.00	Ft
48	L & T CR	M	200.00	Ft
52	RAVELING	L	970.00	SqFt
56	SWELLING	L	40.00	SqFt
57	WEATHERING	M	3880.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: AP W **Name:** WEST APRON **Use:** APRON **Area:** 289,215 SqFt

Section: 4320 of 2 **From:** - **To:** - **Last Const.:** 12/25/1999

Surface: AC **Family:** CA653-PR-AP-AC **Zone:** **Category:** **Rank:** P

Area: 82,914 SqFt **Length:** 140 Ft **Width:** 500 Ft

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

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

Section Comments:

Work Date: 12/25/1999	**Work Type:** New Construction - Initial	**Code:** NU-IN	**Is Major M&R:** True
Work Date: 1/1/2007	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False
Work Date: 6/1/2017	**Work Type:** Surface Treatment - Seal Coat	**Code:** ST-SC	**Is Major M&R:** False

Last Insp. Date: 6/23/2022 **TotalSamples:** 18 **Surveyed:** 3

Conditions: **PCI:** 55

Inspection Comments:

Sample Number: 110 **Type:** R **Area:** 3528.00 SqFt **PCI:** 60

Sample Comments:

48	L & T CR	L	222.00	Ft
48	L & T CR	M	150.00	Ft
52	RAVELING	L	1764.00	SqFt
57	WEATHERING	L	1764.00	SqFt

Sample Number: 254 **Type:** R **Area:** 6400.00 SqFt **PCI:** 53

Sample Comments:

48	L & T CR	L	411.00	Ft
48	L & T CR	M	350.00	Ft
52	RAVELING	L	6336.00	SqFt
52	RAVELING	M	64.00	SqFt

Sample Number: 405 **Type:** R **Area:** 3400.00 SqFt **PCI:** 52

Sample Comments:

43	BLOCK CR	L	3400.00	SqFt
52	RAVELING	L	3230.00	SqFt
52	RAVELING	M	170.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: RW 15-33 **Name:** RUNWAY 15-33 **Use:** RUNWAY **Area:** 916,913 SqFt

Section: 6210 of 6 **From:** - **To:** - **Last Const.:** 11/1/2020

Surface: AAC **Family:** CA653-PR-RW-AAC-APC **Zone:** **Category:** **Rank:** P

Area: 249,444 SqFt **Length:** 4,989 Ft **Width:** 50 Ft

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

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

Section Comments:

Work Date: 1/1/1983 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

Work Date: 1/1/2002 **Work Type:** Mill and Overlay **Code:** ML-OVL **Is Major M&R:** True

Work Date: 11/1/2020 **Work Type:** Mill and Overlay **Code:** ML-OVL **Is Major M&R:** True

Last Insp. Date: 12/3/2018 **TotalSamples:** 99 **Surveyed:** 21

Conditions: **PCI:** 60 **NOTE: *** Pre-Construction PCI *****

Inspection Comments:

Sample Number: 299 **Type:** R **Area:** 6582.00 SqFt **PCI:** 65

Sample Comments:

48	L & T CR	L	167.00	Ft
48	L & T CR	M	14.00	Ft
50	PATCHING	L	6.00	SqFt
52	RAVELING	L	1700.00	SqFt
57	WEATHERING	M	4876.00	SqFt

Sample Number: 300 **Type:** R **Area:** 5000.00 SqFt **PCI:** 65

Sample Comments:

48	L & T CR	L	262.00	Ft
48	L & T CR	M	20.00	Ft
52	RAVELING	L	2000.00	SqFt
56	SWELLING	L	25.00	SqFt
57	WEATHERING	M	3000.00	SqFt

Sample Number: 306 **Type:** R **Area:** 5000.00 SqFt **PCI:** 61

Sample Comments:

48	L & T CR	L	451.00	Ft
48	L & T CR	M	15.00	Ft
52	RAVELING	L	2500.00	SqFt
56	SWELLING	L	30.00	SqFt
57	WEATHERING	L	2500.00	SqFt

Sample Number: 312 **Type:** R **Area:** 5000.00 SqFt **PCI:** 65

Sample Comments:

48	L & T CR	L	361.00	Ft
52	RAVELING	L	1750.00	SqFt
56	SWELLING	L	275.00	SqFt
57	WEATHERING	M	3250.00	SqFt

Sample Number: 319 **Type:** R **Area:** 5000.00 SqFt **PCI:** 58

Sample Comments:

48	L & T CR	L	455.00	Ft
48	L & T CR	M	20.00	Ft
52	RAVELING	L	1000.00	SqFt
56	SWELLING	L	238.00	SqFt
57	WEATHERING	M	4000.00	SqFt

Sample Number: 325 **Type:** R **Area:** 5000.00 SqFt **PCI:** 60

Sample Comments:

48	L & T CR	L	380.00	Ft
48	L & T CR	M	32.00	Ft
52	RAVELING	L	1500.00	SqFt
52	RAVELING	M	25.00	SqFt

56	SWELLING	L	188.00	SqFt

Sample Number: 330 **Type:** R **Area:** 5000.00 SqFt **PCI:** 61

Sample Comments:

48	L & T CR	L	361.00	Ft
48	L & T CR	M	10.00	Ft
52	RAVELING	L	1500.00	SqFt
56	SWELLING	L	325.00	SqFt
57	WEATHERING	M	3500.00	SqFt

Sample Number: 335 **Type:** R **Area:** 5000.00 SqFt **PCI:** 59

Sample Comments:

48	L & T CR	L	417.00	Ft
48	L & T CR	M	50.00	Ft
52	RAVELING	L	1600.00	SqFt
56	SWELLING	L	350.00	SqFt
57	WEATHERING	M	3400.00	SqFt

Sample Number: 342 **Type:** R **Area:** 5000.00 SqFt **PCI:** 60

Sample Comments:

48	L & T CR	L	395.00	Ft
48	L & T CR	M	50.00	Ft
52	RAVELING	L	1600.00	SqFt
52	RAVELING	M	25.00	SqFt
56	SWELLING	L	400.00	SqFt

Sample Number: 345 **Type:** R **Area:** 5000.00 SqFt **PCI:** 56

Sample Comments:

48	L & T CR	L	532.00	Ft
48	L & T CR	M	68.00	Ft
52	RAVELING	L	1600.00	SqFt
56	SWELLING	L	325.00	SqFt
57	WEATHERING	M	3400.00	SqFt

Sample Number: 348 **Type:** R **Area:** 5000.00 SqFt **PCI:** 39

Sample Comments:

43	BLOCK CR	L	340.00	SqFt
48	L & T CR	L	375.00	Ft
48	L & T CR	M	66.00	Ft
52	RAVELING	L	2000.00	SqFt
53	RUTTING	L	512.00	SqFt
56	SWELLING	L	275.00	SqFt
57	WEATHERING	M	3000.00	SqFt

Sample Number: 353 **Type:** R **Area:** 5000.00 SqFt **PCI:** 57

Sample Comments:

48	L & T CR	L	325.00	Ft
48	L & T CR	M	100.00	Ft
52	RAVELING	L	1725.00	SqFt
56	SWELLING	L	400.00	SqFt
57	WEATHERING	M	3275.00	SqFt

Sample Number: 357 **Type:** R **Area:** 5000.00 SqFt **PCI:** 59

Sample Comments:

48	L & T CR	L	430.00	Ft
48	L & T CR	M	20.00	Ft
52	RAVELING	L	1600.00	SqFt
56	SWELLING	L	300.00	SqFt
57	WEATHERING	M	3400.00	SqFt

Sample Number: 363 **Type:** R **Area:** 5000.00 SqFt **PCI:** 62

Sample Comments:

48	L & T CR	L	221.00	Ft
48	L & T CR	M	80.00	Ft
52	RAVELING	L	1600.00	SqFt
56	SWELLING	L	250.00	SqFt
57	WEATHERING	M	3400.00	SqFt

Sample Number: 368 **Type:** R **Area:** 5000.00 SqFt **PCI:** 59

Sample Comments:

48	L & T CR	L	400.00	Ft
48	L & T CR	M	50.00	Ft
52	RAVELING	L	1600.00	SqFt
56	SWELLING	L	350.00	SqFt
57	WEATHERING	M	3400.00	SqFt

Sample Number: 372 **Type:** R **Area:** 5000.00 SqFt **PCI:** 61

Sample Comments:

48	L & T CR	L	331.00	Ft
48	L & T CR	M	50.00	Ft
52	RAVELING	L	1500.00	SqFt
56	SWELLING	L	325.00	SqFt
57	WEATHERING	M	3500.00	SqFt

Sample Number: 376 **Type:** R **Area:** 5000.00 SqFt **PCI:** 62

Sample Comments:

48	L & T CR	L	284.00	Ft
48	L & T CR	M	50.00	Ft
52	RAVELING	L	1600.00	SqFt
56	SWELLING	L	130.00	SqFt
57	WEATHERING	M	3400.00	SqFt

Sample Number: 380 **Type:** R **Area:** 5000.00 SqFt **PCI:** 60

Sample Comments:

48	L & T CR	L	368.00	Ft
48	L & T CR	M	50.00	Ft
52	RAVELING	L	2000.00	SqFt
56	SWELLING	L	275.00	SqFt
57	WEATHERING	M	3000.00	SqFt

Sample Number: 386 **Type:** R **Area:** 5000.00 SqFt **PCI:** 69

Sample Comments:

48	L & T CR	L	277.00	Ft
52	RAVELING	L	1000.00	SqFt
52	RAVELING	M	25.00	SqFt
56	SWELLING	L	150.00	SqFt

Sample Number: 392 **Type:** R **Area:** 5000.00 SqFt **PCI:** 61

Sample Comments:

48	L & T CR	L	310.00	Ft
48	L & T CR	M	76.00	Ft
52	RAVELING	L	1000.00	SqFt
56	SWELLING	L	163.00	SqFt
57	WEATHERING	M	4000.00	SqFt

Sample Number: 397 **Type:** R **Area:** 5000.00 SqFt **PCI:** 52

Sample Comments:

48	L & T CR	L	490.00	Ft
48	L & T CR	M	36.00	Ft
52	RAVELING	L	1600.00	SqFt
56	SWELLING	L	154.00	SqFt
56	SWELLING	M	40.00	SqFt
57	WEATHERING	M	3400.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: RW 15-33 **Name:** RUNWAY 15-33 **Use:** RUNWAY **Area:** 916,913 SqFt

Section: 6215 of 6 **From:** - **To:** - **Last Const.:** 11/1/2020

Surface: AAC **Family:** CA653-PR-RW-AAC-APC **Zone:** **Category:** **Rank:** P

Area: 498,888 SqFt **Length:** 4,989 Ft **Width:** 100 Ft

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

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

Section Comments:

Work Date: 1/1/1983 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

Work Date: 1/1/2002 **Work Type:** Mill and Overlay **Code:** ML-OVL **Is Major M&R:** True

Work Date: 11/1/2020 **Work Type:** Mill and Overlay **Code:** ML-OVL **Is Major M&R:** True

Last Insp. Date: 12/3/2018 **TotalSamples:** 51 **Surveyed:** 11

Conditions: **PCI:** 68 **NOTE: *** Pre-Construction PCI *****

Inspection Comments:

Sample Number: 104 **Type:** R **Area:** 5000.00 SqFt **PCI:** 69

Sample Comments:

48	L & T CR	L	114.00	Ft
52	RAVELING	L	2900.00	SqFt
57	WEATHERING	L	2100.00	SqFt

Sample Number: 120 **Type:** R **Area:** 5000.00 SqFt **PCI:** 67

Sample Comments:

48	L & T CR	L	197.00	Ft
48	L & T CR	M	40.00	Ft
52	RAVELING	L	1250.00	SqFt
56	SWELLING	L	40.00	SqFt
57	WEATHERING	L	3750.00	SqFt

Sample Number: 128 **Type:** R **Area:** 5000.00 SqFt **PCI:** 69

Sample Comments:

48	L & T CR	L	174.00	Ft
52	RAVELING	L	1500.00	SqFt
56	SWELLING	L	87.00	SqFt
57	WEATHERING	L	3500.00	SqFt

Sample Number: 152 **Type:** R **Area:** 5000.00 SqFt **PCI:** 63

Sample Comments:

48	L & T CR	L	221.00	Ft
48	L & T CR	M	85.00	Ft
52	RAVELING	L	1600.00	SqFt
56	SWELLING	L	359.00	SqFt
57	WEATHERING	L	3400.00	SqFt

Sample Number: 176 **Type:** R **Area:** 5000.00 SqFt **PCI:** 65

Sample Comments:

48	L & T CR	L	218.00	Ft
48	L & T CR	M	97.00	Ft
52	RAVELING	L	1600.00	SqFt
56	SWELLING	L	46.00	SqFt
57	WEATHERING	M	3400.00	SqFt

Sample Number: 192 **Type:** R **Area:** 5000.00 SqFt **PCI:** 65

Sample Comments:

48	L & T CR	L	296.00	Ft
48	L & T CR	M	38.00	Ft
52	RAVELING	L	1600.00	SqFt
56	SWELLING	L	29.00	SqFt
57	WEATHERING	M	3400.00	SqFt

Sample Number: 512 **Type:** R **Area:** 5000.00 SqFt **PCI:** 72

Sample Comments:

48	L & T CR	L	182.00	Ft
52	RAVELING	L	850.00	SqFt
56	SWELLING	L	105.00	SqFt
57	WEATHERING	L	4150.00	SqFt

Sample Number: 524 **Type:** R **Area:** 5000.00 SqFt **PCI:** 71

Sample Comments:

48	L & T CR	L	151.00	Ft
52	RAVELING	L	1250.00	SqFt
56	SWELLING	L	79.00	SqFt
57	WEATHERING	L	3750.00	SqFt

Sample Number: 540 **Type:** R **Area:** 5000.00 SqFt **PCI:** 66

Sample Comments:

45	DEPRESSION	L	1.00	SqFt
48	L & T CR	L	147.00	Ft
52	RAVELING	L	934.00	SqFt
56	SWELLING	L	126.00	SqFt
57	WEATHERING	M	4066.00	SqFt

Sample Number: 564 **Type:** R **Area:** 5000.00 SqFt **PCI:** 66

Sample Comments:

48	L & T CR	L	320.00	Ft
52	RAVELING	L	750.00	SqFt
56	SWELLING	L	80.00	SqFt
57	WEATHERING	M	4250.00	SqFt

Sample Number: 584 **Type:** R **Area:** 5000.00 SqFt **PCI:** 70

Sample Comments:

48	L & T CR	L	181.00	Ft
48	L & T CR	M	18.00	Ft
52	RAVELING	L	1000.00	SqFt
52	RAVELING	M	129.00	SqFt
56	SWELLING	L	7.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: RW 15-33 **Name:** RUNWAY 15-33 **Use:** RUNWAY **Area:** 916,913 SqFt

Section: 6220 of 6 **From:** - **To:** - **Last Const.:** 11/1/2020

Surface: AAC **Family:** CA653-PR-RW-AAC-APC **Zone:** **Category:** **Rank:** P

Area: 26,644 SqFt **Length:** 533 Ft **Width:** 50 Ft

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

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

Section Comments:

Work Date: 1/1/2002 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 11/1/2020 **Work Type:** Mill and Overlay **Code:** ML-OVL **Is Major M&R:** True

Last Insp. Date: 12/3/2018 **TotalSamples:** 11 **Surveyed:** 3

Conditions: **PCI:** 66 **NOTE: *** Pre-Construction PCI *****

Inspection Comments:

Sample Number: 287 **Type:** R **Area:** 5000.00 SqFt **PCI:** 69

Sample Comments:

48	L & T CR	L	151.00	Ft
52	RAVELING	L	1992.00	SqFt
56	SWELLING	L	35.00	SqFt
57	WEATHERING	L	3008.00	SqFt

Sample Number: 291 **Type:** R **Area:** 5000.00 SqFt **PCI:** 58

Sample Comments:

48	L & T CR	L	171.00	Ft
52	RAVELING	L	1240.00	SqFt
52	RAVELING	M	1000.00	SqFt
56	SWELLING	L	75.00	SqFt

Sample Number: 295 **Type:** R **Area:** 5000.00 SqFt **PCI:** 70

Sample Comments:

48	L & T CR	L	138.00	Ft
52	RAVELING	L	1250.00	SqFt
56	SWELLING	L	150.00	SqFt
57	WEATHERING	L	3750.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: RW 15-33 **Name:** RUNWAY 15-33 **Use:** RUNWAY **Area:** 916,913 SqFt

Section: 6225 of 6 **From:** - **To:** - **Last Const.:** 11/1/2020

Surface: AAC **Family:** CA653-PR-RW-AAC-APC **Zone:** **Category:** **Rank:** P

Area: 53,287 SqFt **Length:** 533 Ft **Width:** 100 Ft

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

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

Section Comments:

Work Date: 1/1/2002 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 11/1/2020 **Work Type:** Mill and Overlay **Code:** ML-OVL **Is Major M&R:** True

Last Insp. Date: 12/3/2018 **TotalSamples:** 6 **Surveyed:** 2

Conditions: **PCI:** 83 **NOTE: *** Pre-Construction PCI *****

Inspection Comments:

Sample Number: 092 **Type:** R **Area:** 5000.00 SqFt **PCI:** 83

Sample Comments:

48	L & T CR	L	10.00	Ft
52	RAVELING	L	300.00	SqFt
56	SWELLING	L	2.00	SqFt
57	WEATHERING	L	4700.00	SqFt

Sample Number: 496 **Type:** R **Area:** 5475.00 SqFt **PCI:** 83

Sample Comments:

52	RAVELING	L	821.00	SqFt
57	WEATHERING	L	4654.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: RW 4-22 **Name:** RUNWAY 4-22 **Use:** RUNWAY **Area:** 1,079,250 SqFt

Section: 6105 of 5 **From:** - **To:** - **Last Const.:** 11/1/2022

Surface: AC **Family:** CA653-PR-RW-AC **Zone:** **Category:** **Rank:** P

Area: 431,700 SqFt **Length:** 7,195 Ft **Width:** 60 Ft

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

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

Section Comments:

Work Date: 1/1/1979	**Work Type:** BUILT	**Code:** IMPORTED	**Is Major M&R:** True
Work Date: 1/1/1985	**Work Type:** OVERLAY	**Code:** IMPORTED	**Is Major M&R:** True
Work Date: 1/1/2000	**Work Type:** Mill and Overlay	**Code:** ML-OVL	**Is Major M&R:** True
Work Date: 11/1/2022	**Work Type:** Complete Reconstruction - AC	**Code:** CR-AC	**Is Major M&R:** True

Last Insp. Date: 12/3/2018 **TotalSamples:** 104 **Surveyed:** 28

Conditions: **PCI:** 54 **NOTE: *** Pre-Construction PCI *****

Inspection Comments:

Sample Number: 291 **Type:** R **Area:** 5000.00 SqFt **PCI:** 64

Sample Comments:

42	BLEEDING	N	18.00	SqFt
45	DEPRESSION	L	36.00	SqFt
45	DEPRESSION	M	40.00	SqFt
48	L & T CR	L	119.00	Ft
52	RAVELING	L	500.00	SqFt
57	WEATHERING	L	4500.00	SqFt

Sample Number: 296 **Type:** R **Area:** 5000.00 SqFt **PCI:** 53

Sample Comments:

41	ALLIGATOR CR	L	22.00	SqFt
45	DEPRESSION	L	8.00	SqFt
48	L & T CR	L	44.00	Ft
52	RAVELING	L	1000.00	SqFt
53	RUTTING	L	400.00	SqFt
57	WEATHERING	L	4000.00	SqFt

Sample Number: 301 **Type:** R **Area:** 5000.00 SqFt **PCI:** 51

Sample Comments:

41	ALLIGATOR CR	L	60.00	SqFt
48	L & T CR	L	150.00	Ft
52	RAVELING	L	2600.00	SqFt
53	RUTTING	L	240.00	SqFt
56	SWELLING	L	25.00	SqFt
57	WEATHERING	M	2400.00	SqFt

Sample Number: 304 **Type:** R **Area:** 5000.00 SqFt **PCI:** 52

Sample Comments:

41	ALLIGATOR CR	L	17.00	SqFt
48	L & T CR	L	267.00	Ft
52	RAVELING	L	3750.00	SqFt
53	RUTTING	L	450.00	SqFt
57	WEATHERING	M	1250.00	SqFt

Sample Number: 307 **Type:** R **Area:** 5000.00 SqFt **PCI:** 61

Sample Comments:

48	L & T CR	L	250.00	Ft
52	RAVELING	L	750.00	SqFt
53	RUTTING	L	250.00	SqFt
57	WEATHERING	M	4250.00	SqFt

Sample Number: 313 **Type:** R **Area:** 5000.00 SqFt **PCI:** 42

Sample Comments:

41	ALLIGATOR CR	L	103.00	SqFt
48	L & T CR	L	180.00	Ft
50	PATCHING	M	4.00	SqFt
52	RAVELING	L	850.00	SqFt
53	RUTTING	L	700.00	SqFt
57	WEATHERING	M	4146.00	SqFt

Sample Number: 319 **Type:** R **Area:** 5000.00 SqFt **PCI:** 35

Sample Comments:

41	ALLIGATOR CR	L	38.00	SqFt
41	ALLIGATOR CR	M	80.00	SqFt
48	L & T CR	L	219.00	Ft
50	PATCHING	L	19.00	SqFt
52	RAVELING	L	750.00	SqFt
53	RUTTING	L	1000.00	SqFt
57	WEATHERING	M	4231.00	SqFt

Sample Number: 325 **Type:** R **Area:** 5000.00 SqFt **PCI:** 42

Sample Comments:

41	ALLIGATOR CR	L	21.00	SqFt
41	ALLIGATOR CR	M	36.00	SqFt
48	L & T CR	L	188.00	Ft
52	RAVELING	L	950.00	SqFt
53	RUTTING	L	800.00	SqFt
57	WEATHERING	M	4050.00	SqFt

Sample Number: 331 **Type:** R **Area:** 5000.00 SqFt **PCI:** 49

Sample Comments:

48	L & T CR	L	248.00	Ft
48	L & T CR	M	25.00	Ft
50	PATCHING	L	460.00	SqFt
52	RAVELING	L	454.00	SqFt
53	RUTTING	L	360.00	SqFt
57	WEATHERING	M	4086.00	SqFt

Sample Number: 332 **Type:** R **Area:** 5000.00 SqFt **PCI:** 41

Sample Comments:

41	ALLIGATOR CR	L	26.00	SqFt
48	L & T CR	L	146.00	Ft
48	L & T CR	M	25.00	Ft
50	PATCHING	L	540.00	SqFt
52	RAVELING	L	669.00	SqFt
53	RUTTING	L	550.00	SqFt
57	WEATHERING	M	3791.00	SqFt

Sample Number: 337 **Type:** R **Area:** 5000.00 SqFt **PCI:** 53

Sample Comments:

41	ALLIGATOR CR	L	32.00	SqFt
48	L & T CR	L	129.00	Ft
52	RAVELING	L	750.00	SqFt
53	RUTTING	L	400.00	SqFt
57	WEATHERING	M	4250.00	SqFt

Sample Number: 343 **Type:** R **Area:** 5000.00 SqFt **PCI:** 61

Sample Comments:

48	L & T CR	L	157.00	Ft
48	L & T CR	M	24.00	Ft
50	PATCHING	L	600.00	SqFt
52	RAVELING	L	440.00	SqFt
57	WEATHERING	M	3960.00	SqFt

Sample Number: 349 **Type:** R **Area:** 5000.00 SqFt **PCI:** 41

Sample Comments:

41	ALLIGATOR CR	L	68.00	SqFt
48	L & T CR	L	235.00	Ft
48	L & T CR	M	25.00	Ft
50	PATCHING	L	342.00	SqFt
52	RAVELING	L	699.00	SqFt

53	RUTTING	L	384.00	SqFt
57	WEATHERING	M	3959.00	SqFt

Sample Number: 355 **Type:** R **Area:** 5000.00 SqFt **PCI:** 37

Sample Comments:

41	ALLIGATOR CR	L	88.00	SqFt
48	L & T CR	L	176.00	Ft
48	L & T CR	M	25.00	Ft
50	PATCHING	L	63.00	SqFt
52	RAVELING	L	741.00	SqFt
53	RUTTING	L	937.00	SqFt
57	WEATHERING	M	4196.00	SqFt

Sample Number: 361 **Type:** R **Area:** 5000.00 SqFt **PCI:** 39

Sample Comments:

41	ALLIGATOR CR	L	106.00	SqFt
48	L & T CR	L	210.00	Ft
48	L & T CR	M	23.00	Ft
50	PATCHING	L	40.00	SqFt
52	RAVELING	L	744.00	SqFt
53	RUTTING	L	860.00	SqFt
57	WEATHERING	M	4216.00	SqFt

Sample Number: 367 **Type:** R **Area:** 5000.00 SqFt **PCI:** 53

Sample Comments:

48	L & T CR	L	230.00	Ft
52	RAVELING	L	750.00	SqFt
53	RUTTING	L	800.00	SqFt
57	WEATHERING	M	4250.00	SqFt

Sample Number: 373 **Type:** R **Area:** 5000.00 SqFt **PCI:** 53

Sample Comments:

48	L & T CR	L	251.00	Ft
48	L & T CR	M	30.00	Ft
52	RAVELING	L	1000.00	SqFt
53	RUTTING	L	400.00	SqFt
57	WEATHERING	M	4000.00	SqFt

Sample Number: 377 **Type:** R **Area:** 5000.00 SqFt **PCI:** 44

Sample Comments:

48	L & T CR	L	166.00	Ft
48	L & T CR	M	25.00	Ft
50	PATCHING	L	170.00	SqFt
52	RAVELING	L	1100.00	SqFt
53	RUTTING	L	664.00	SqFt
57	WEATHERING	M	3730.00	SqFt

Sample Number: 381 **Type:** R **Area:** 5000.00 SqFt **PCI:** 49

Sample Comments:

48	L & T CR	L	180.00	Ft
48	L & T CR	M	91.00	Ft
50	PATCHING	L	533.00	SqFt
52	RAVELING	L	670.00	SqFt
53	RUTTING	L	350.00	SqFt
57	WEATHERING	M	3797.00	SqFt

Sample Number: 387 **Type:** R **Area:** 5000.00 SqFt **PCI:** 42

Sample Comments:

41	ALLIGATOR CR	L	60.00	SqFt
48	L & T CR	L	255.00	Ft
48	L & T CR	M	50.00	Ft
52	RAVELING	L	1150.00	SqFt
53	RUTTING	L	800.00	SqFt
57	WEATHERING	M	3850.00	SqFt

Sample Number: 393 **Type:** R **Area:** 5000.00 SqFt **PCI:** 64

Sample Comments:

48	L & T CR	L	229.00	Ft

48	L & T CR	M	50.00	Ft
52	RAVELING	L	750.00	SqFt
56	SWELLING	L	15.00	SqFt
57	WEATHERING	M	4250.00	SqFt

Sample Number: 400 **Type:** R **Area:** 5000.00 SqFt **PCI:** 71

Sample Comments:

48	L & T CR	L	243.00	Ft
52	RAVELING	L	750.00	SqFt
57	WEATHERING	M	4250.00	SqFt

Sample Number: 402 **Type:** R **Area:** 5000.00 SqFt **PCI:** 72

Sample Comments:

48	L & T CR	L	197.00	Ft
52	RAVELING	L	1300.00	SqFt
57	WEATHERING	M	3700.00	SqFt

Sample Number: 406 **Type:** R **Area:** 5000.00 SqFt **PCI:** 67

Sample Comments:

48	L & T CR	L	143.00	Ft
48	L & T CR	M	50.00	Ft
52	RAVELING	L	1750.00	SqFt
57	WEATHERING	M	3250.00	SqFt

Sample Number: 412 **Type:** R **Area:** 5000.00 SqFt **PCI:** 64

Sample Comments:

41	ALLIGATOR CR	L	5.00	SqFt
48	L & T CR	L	247.00	Ft
48	L & T CR	M	35.00	Ft
52	RAVELING	L	1500.00	SqFt
52	RAVELING	M	50.00	SqFt

Sample Number: 418 **Type:** R **Area:** 5000.00 SqFt **PCI:** 67

Sample Comments:

48	L & T CR	L	166.00	Ft
48	L & T CR	M	50.00	Ft
52	RAVELING	L	1300.00	SqFt
57	WEATHERING	M	3700.00	SqFt

Sample Number: 423 **Type:** R **Area:** 5000.00 SqFt **PCI:** 73

Sample Comments:

48	L & T CR	L	176.00	Ft
52	RAVELING	L	700.00	SqFt
52	RAVELING	M	300.00	SqFt

Sample Number: 431 **Type:** R **Area:** 5000.00 SqFt **PCI:** 65

Sample Comments:

48	L & T CR	L	426.00	Ft
52	RAVELING	L	2750.00	SqFt
56	SWELLING	L	11.00	SqFt
57	WEATHERING	M	2250.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: RW 4-22 **Name:** RUNWAY 4-22 **Use:** RUNWAY **Area:** 1,079,250 SqFt

Section: 6110 of 5 **From:** - **To:** - **Last Const.:** 11/1/2022

Surface: AAC **Family:** CA653-PR-RW-AAC-APC **Zone:** **Category:** **Rank:** P

Area: 446,940 SqFt **Length:** 4,966 Ft **Width:** 90 Ft

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

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

Section Comments:

Work Date: 1/1/1979	**Work Type:** BUILT	**Code:** IMPORTED	**Is Major M&R:** True
Work Date: 1/1/1985	**Work Type:** OVERLAY	**Code:** IMPORTED	**Is Major M&R:** True
Work Date: 1/1/2000	**Work Type:** Mill and Overlay	**Code:** ML-OVL	**Is Major M&R:** True
Work Date: 11/1/2022	**Work Type:** Mill and Overlay	**Code:** ML-OVL	**Is Major M&R:** True

Last Insp. Date: 12/3/2018 **TotalSamples:** 52 **Surveyed:** 11

Conditions: **PCI:** 77 **NOTE: *** Pre-Construction PCI *****

Inspection Comments:

Sample Number: 104 **Type:** R **Area:** 5000.00 SqFt **PCI:** 76

Sample Comments:

48	L & T CR	L	241.00	Ft
52	RAVELING	L	891.00	SqFt
57	WEATHERING	L	4109.00	SqFt

Sample Number: 124 **Type:** R **Area:** 5000.00 SqFt **PCI:** 80

Sample Comments:

48	L & T CR	L	7.00	Ft
50	PATCHING	L	2.00	SqFt
52	RAVELING	L	600.00	SqFt
57	WEATHERING	L	4398.00	SqFt

Sample Number: 144 **Type:** R **Area:** 5000.00 SqFt **PCI:** 85

Sample Comments:

48	L & T CR	L	16.00	Ft
52	RAVELING	L	250.00	SqFt
57	WEATHERING	L	4750.00	SqFt

Sample Number: 168 **Type:** R **Area:** 5000.00 SqFt **PCI:** 71

Sample Comments:

48	L & T CR	L	233.00	Ft
50	PATCHING	M	8.00	SqFt
52	RAVELING	L	500.00	SqFt
57	WEATHERING	L	4492.00	SqFt

Sample Number: 188 **Type:** R **Area:** 5000.00 SqFt **PCI:** 68

Sample Comments:

48	L & T CR	L	295.00	Ft
48	L & T CR	M	104.00	Ft
52	RAVELING	L	500.00	SqFt
57	WEATHERING	L	4500.00	SqFt

Sample Number: 504 **Type:** R **Area:** 5000.00 SqFt **PCI:** 77

Sample Comments:

48	L & T CR	L	109.00	Ft
52	RAVELING	L	850.00	SqFt
57	WEATHERING	L	4150.00	SqFt

Sample Number: 520 **Type:** R **Area:** 5000.00 SqFt **PCI:** 71

Sample Comments:

48	L & T CR	L	62.00	Ft

52	RAVELING	L	2100.00	SqFt
57	WEATHERING	L	2900.00	SqFt

Sample Number: 536 **Type:** R **Area:** 5000.00 SqFt **PCI:** 80

Sample Comments:

48	L & T CR	L	143.00	Ft
52	RAVELING	L	250.00	SqFt
57	WEATHERING	L	4750.00	SqFt

Sample Number: 552 **Type:** R **Area:** 5000.00 SqFt **PCI:** 78

Sample Comments:

48	L & T CR	L	179.00	Ft
52	RAVELING	L	250.00	SqFt
57	WEATHERING	L	4750.00	SqFt

Sample Number: 568 **Type:** R **Area:** 5000.00 SqFt **PCI:** 85

Sample Comments:

48	L & T CR	L	14.00	Ft
52	RAVELING	L	250.00	SqFt
57	WEATHERING	L	4750.00	SqFt

Sample Number: 596 **Type:** R **Area:** 5000.00 SqFt **PCI:** 80

Sample Comments:

48	L & T CR	L	66.00	Ft
52	RAVELING	L	500.00	SqFt
57	WEATHERING	L	4500.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: RW 4-22 **Name:** RUNWAY 4-22 **Use:** RUNWAY **Area:** 1,079,250 SqFt

Section: 6120 of 5 **From:** - **To:** - **Last Const.:** 11/1/2022

Surface: AAC **Family:** CA653-PR-RW-AAC-APC **Zone:** **Category:** **Rank:** P

Area: 129,780 SqFt **Length:** 1,442 Ft **Width:** 90 Ft

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

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

Section Comments:

Work Date: 1/1/1985 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

Work Date: 1/1/2000 **Work Type:** Mill and Overlay **Code:** ML-OVL **Is Major M&R:** True

Work Date: 11/1/2022 **Work Type:** Mill and Overlay **Code:** ML-OVL **Is Major M&R:** True

Last Insp. Date: 12/3/2018 **TotalSamples:** 14 **Surveyed:** 3

Conditions: **PCI:** 78 **NOTE: *** Pre-Construction PCI *****

Inspection Comments:

Sample Number: 204 **Type:** R **Area:** 5000.00 SqFt **PCI:** 77

Sample Comments:

48	L & T CR	L	220.00	Ft
52	RAVELING	L	250.00	SqFt
57	WEATHERING	L	4750.00	SqFt

Sample Number: 224 **Type:** R **Area:** 5000.00 SqFt **PCI:** 79

Sample Comments:

48	L & T CR	L	173.00	Ft
52	RAVELING	L	250.00	SqFt
57	WEATHERING	L	4750.00	SqFt

Sample Number: 624 **Type:** R **Area:** 5000.00 SqFt **PCI:** 80

Sample Comments:

48	L & T CR	L	148.00	Ft
52	RAVELING	L	250.00	SqFt
57	WEATHERING	L	4750.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: RW 4-22 **Name:** RUNWAY 4-22 **Use:** RUNWAY **Area:** 1,079,250 SqFt

Section: 6130 of 5 **From:** - **To:** - **Last Const.:** 11/1/2022

Surface: AAC **Family:** CA653-PR-RW-AAC-APC **Zone:** **Category:** **Rank:** P

Area: 42,030 SqFt **Length:** 467 Ft **Width:** 90 Ft

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

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

Section Comments:

Work Date: 1/1/2007 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 11/1/2022 **Work Type:** Mill and Overlay **Code:** ML-OVL **Is Major M&R:** True

Last Insp. Date: 12/3/2018 **TotalSamples:** 6 **Surveyed:** 2

Conditions: **PCI:** 82 **NOTE: *** Pre-Construction PCI *****

Inspection Comments:

Sample Number: 092 **Type:** R **Area:** 5000.00 SqFt **PCI:** 84

Sample Comments:

48	L & T CR	L	4.00	Ft
52	RAVELING	L	350.00	SqFt
52	RAVELING	M	47.00	SqFt

Sample Number: 492 **Type:** R **Area:** 5000.00 SqFt **PCI:** 79

Sample Comments:

45	DEPRESSION	L	70.00	SqFt
48	L & T CR	L	1.00	Ft
52	RAVELING	L	350.00	SqFt
52	RAVELING	M	18.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: RW 4-22 **Name:** RUNWAY 4-22 **Use:** RUNWAY **Area:** 1,079,250 SqFt

Section: 6140 of 5 **From:** - **To:** - **Last Const.:** 11/1/2022

Surface: AAC **Family:** CA653-PR-RW-AAC-APC **Zone:** **Category:** **Rank:** P

Area: 28,800 SqFt **Length:** 320 Ft **Width:** 90 Ft

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

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

Section Comments:

Work Date: 1/1/1979	**Work Type:** BUILT	**Code:** IMPORTED	**Is Major M&R:** True
Work Date: 1/1/1985	**Work Type:** OVERLAY	**Code:** IMPORTED	**Is Major M&R:** True
Work Date: 1/1/2000	**Work Type:** Mill and Overlay	**Code:** ML-OVL	**Is Major M&R:** True
Work Date: 11/1/2022	**Work Type:** Mill and Overlay	**Code:** ML-OVL	**Is Major M&R:** True

Last Insp. Date: 12/3/2018 **TotalSamples:** 52 **Surveyed:** 11

Conditions: **PCI:** 77 **NOTE: *** Pre-Construction PCI *****

Inspection Comments:

Sample Number: 104 **Type:** R **Area:** 5000.00 SqFt **PCI:** 76

Sample Comments:

48	L & T CR	L	241.00	Ft
52	RAVELING	L	891.00	SqFt
57	WEATHERING	L	4109.00	SqFt

Sample Number: 124 **Type:** R **Area:** 5000.00 SqFt **PCI:** 80

Sample Comments:

48	L & T CR	L	7.00	Ft
50	PATCHING	L	2.00	SqFt
52	RAVELING	L	600.00	SqFt
57	WEATHERING	L	4398.00	SqFt

Sample Number: 144 **Type:** R **Area:** 5000.00 SqFt **PCI:** 85

Sample Comments:

48	L & T CR	L	16.00	Ft
52	RAVELING	L	250.00	SqFt
57	WEATHERING	L	4750.00	SqFt

Sample Number: 168 **Type:** R **Area:** 5000.00 SqFt **PCI:** 71

Sample Comments:

48	L & T CR	L	233.00	Ft
50	PATCHING	M	8.00	SqFt
52	RAVELING	L	500.00	SqFt
57	WEATHERING	L	4492.00	SqFt

Sample Number: 188 **Type:** R **Area:** 5000.00 SqFt **PCI:** 68

Sample Comments:

48	L & T CR	L	295.00	Ft
48	L & T CR	M	104.00	Ft
52	RAVELING	L	500.00	SqFt
57	WEATHERING	L	4500.00	SqFt

Sample Number: 504 **Type:** R **Area:** 5000.00 SqFt **PCI:** 77

Sample Comments:

48	L & T CR	L	109.00	Ft
52	RAVELING	L	850.00	SqFt
57	WEATHERING	L	4150.00	SqFt

Sample Number: 520 **Type:** R **Area:** 5000.00 SqFt **PCI:** 71

Sample Comments:

48	L & T CR	L	62.00	Ft

52	RAVELING	L	2100.00	SqFt
57	WEATHERING	L	2900.00	SqFt

Sample Number: 536 **Type:** R **Area:** 5000.00 SqFt **PCI:** 80

Sample Comments:

48	L & T CR	L	143.00	Ft
52	RAVELING	L	250.00	SqFt
57	WEATHERING	L	4750.00	SqFt

Sample Number: 552 **Type:** R **Area:** 5000.00 SqFt **PCI:** 78

Sample Comments:

48	L & T CR	L	179.00	Ft
52	RAVELING	L	250.00	SqFt
57	WEATHERING	L	4750.00	SqFt

Sample Number: 568 **Type:** R **Area:** 5000.00 SqFt **PCI:** 85

Sample Comments:

48	L & T CR	L	14.00	Ft
52	RAVELING	L	250.00	SqFt
57	WEATHERING	L	4750.00	SqFt

Sample Number: 596 **Type:** R **Area:** 5000.00 SqFt **PCI:** 80

Sample Comments:

48	L & T CR	L	66.00	Ft
52	RAVELING	L	500.00	SqFt
57	WEATHERING	L	4500.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: RW 9-27 **Name:** RUNWAY 9-27 **Use:** RUNWAY **Area:** 158,160 SqFt

Section: 6305 of 1 **From:** - **To:** - **Last Const.:** 1/1/2023

Surface: AAC **Family:** CA653-PR-RW-AAC-APC **Zone:** **Category:** **Rank:** P

Area: 158,160 SqFt **Length:** 2,636 Ft **Width:** 60 Ft

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

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

Section Comments:

Work Date: 1/1/1942 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 1/1/2006 **Work Type:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Work Date: 1/1/2023 **Work Type:** Mill and Overlay **Code:** ML-OVL **Is Major M&R:** True

Last Insp. Date: 12/3/2018 **TotalSamples:** 50 **Surveyed:** 12

Conditions: **PCI:** 65 **NOTE: *** Pre-Construction PCI *****

Inspection Comments:

Sample Number: 302 **Type:** R **Area:** 3000.00 SqFt **PCI:** 63

Sample Comments:

48	L & T CR	L	110.00	Ft
48	L & T CR	M	50.00	Ft
52	RAVELING	L	1960.00	SqFt
52	RAVELING	M	200.00	SqFt

Sample Number: 307 **Type:** R **Area:** 3000.00 SqFt **PCI:** 62

Sample Comments:

48	L & T CR	L	115.00	Ft
48	L & T CR	M	50.00	Ft
52	RAVELING	L	2100.00	SqFt
57	WEATHERING	M	900.00	SqFt

Sample Number: 312 **Type:** R **Area:** 3000.00 SqFt **PCI:** 66

Sample Comments:

48	L & T CR	L	161.00	Ft
52	RAVELING	L	2250.00	SqFt
57	WEATHERING	M	750.00	SqFt

Sample Number: 317 **Type:** R **Area:** 3000.00 SqFt **PCI:** 62

Sample Comments:

48	L & T CR	L	127.00	Ft
48	L & T CR	M	70.00	Ft
52	RAVELING	L	2100.00	SqFt
57	WEATHERING	M	900.00	SqFt

Sample Number: 322 **Type:** R **Area:** 3000.00 SqFt **PCI:** 62

Sample Comments:

48	L & T CR	L	112.00	Ft
48	L & T CR	M	50.00	Ft
52	RAVELING	L	2100.00	SqFt
57	WEATHERING	M	900.00	SqFt

Sample Number: 327 **Type:** R **Area:** 3000.00 SqFt **PCI:** 62

Sample Comments:

48	L & T CR	L	123.00	Ft
48	L & T CR	M	50.00	Ft
52	RAVELING	L	2150.00	SqFt
52	RAVELING	M	56.00	SqFt

Sample Number: 332 **Type:** R **Area:** 3000.00 SqFt **PCI:** 67

Sample Comments:

48	L & T CR	L	195.00	Ft

52	RAVELING	L	2027.00	SqFt
52	RAVELING	M	104.00	SqFt

Sample Number: 337 **Type:** R **Area:** 3000.00 SqFt **PCI:** 62

Sample Comments:

48	L & T CR	L	202.00	Ft
48	L & T CR	M	50.00	Ft
52	RAVELING	L	2100.00	SqFt
57	WEATHERING	M	900.00	SqFt

Sample Number: 342 **Type:** R **Area:** 3000.00 SqFt **PCI:** 65

Sample Comments:

48	L & T CR	L	197.00	Ft
52	RAVELING	L	2500.00	SqFt
52	RAVELING	M	100.00	SqFt

Sample Number: 345 **Type:** R **Area:** 3000.00 SqFt **PCI:** 33

Sample Comments:

45	DEPRESSION	L	42.00	SqFt
48	L & T CR	L	49.00	Ft
48	L & T CR	M	12.00	Ft
50	PATCHING	L	550.00	SqFt
52	RAVELING	L	950.00	SqFt
52	RAVELING	M	1500.00	SqFt

Sample Number: 350 **Type:** R **Area:** 3000.00 SqFt **PCI:** 84

Sample Comments:

48	L & T CR	L	14.00	Ft
52	RAVELING	L	150.00	SqFt
57	WEATHERING	L	2850.00	SqFt

Sample Number: 352 **Type:** R **Area:** 3000.00 SqFt **PCI:** 88

Sample Comments:

52	RAVELING	L	150.00	SqFt
57	WEATHERING	L	2850.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: TL N HANG **Name:** NORTH T-HANGAR TAXILANE **Use:** TAXILANE **Area:** 133,323 SqFt

Section: 3505 of 3 **From:** - **To:** - **Last Const.:** 1/1/2006

Surface: AC **Family:** CA653-PR-TW-AC **Zone:** **Category:** **Rank:** P

Area: 79,013 SqFt **Length:** 2,835 Ft **Width:** 25 Ft

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

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

Section Comments:

Work Date: 1/1/2006 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 15 **Surveyed:** 2

Conditions: **PCI:** 71

Inspection Comments:

Sample Number: 100 **Type:** R **Area:** 5234.00 SqFt **PCI:** 71

Sample Comments:

45	DEPRESSION	L	6.00	SqFt
48	L & T CR	L	25.00	Ft
52	RAVELING	L	523.00	SqFt
57	WEATHERING	M	4711.00	SqFt

Sample Number: 301 **Type:** R **Area:** 5000.00 SqFt **PCI:** 70

Sample Comments:

48	L & T CR	L	132.00	Ft
52	RAVELING	L	500.00	SqFt
57	WEATHERING	M	4500.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: TL N HANG **Name:** NORTH T-HANGAR TAXILANE **Use:** TAXILANE **Area:** 133,323 SqFt

Section: 3510 of 3 **From:** - **To:** - **Last Const.:** 1/1/2004

Surface: AC **Family:** CA653-PR-TW-AC **Zone:** **Category:** **Rank:** P

Area: 35,068 SqFt **Length:** 1,320 Ft **Width:** 25 Ft

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

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

Section Comments:

Work Date: 1/1/2004 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 8 **Surveyed:** 1

Conditions: **PCI:** 81

Inspection Comments:

Sample Number: 109 **Type:** R **Area:** 4375.00 SqFt **PCI:** 81

Sample Comments:

48	L & T CR	L	95.00	Ft
57	WEATHERING	L	3500.00	SqFt
57	WEATHERING	M	875.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: TL N HANG **Name:** NORTH T-HANGAR TAXILANE **Use:** TAXILANE **Area:** 133,323 SqFt

Section: 3515 of 3 **From:** - **To:** - **Last Const.:** 1/1/2006

Surface: AC **Family:** CA653-PR-TW-AC **Zone:** **Category:** **Rank:** P

Area: 19,242 SqFt **Length:** 895 Ft **Width:** 25 Ft

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

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

Section Comments:

Work Date: 1/1/2006 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 4 **Surveyed:** 1

Conditions: **PCI:** 78

Inspection Comments:

Sample Number: 301 **Type:** R **Area:** 5000.00 SqFt **PCI:** 78

Sample Comments:

48	L & T CR	L	185.00	Ft
57	WEATHERING	L	4250.00	SqFt
57	WEATHERING	M	750.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: TL W HANG **Name:** WEST T-HANGAR TAXILANE **Use:** TAXILANE **Area:** 138,413 SqFt

Section: 3405 of 7 **From:** - **To:** - **Last Const.:** 1/1/1992

Surface: AC **Family:** CA653-PR-TW-AC **Zone:** **Category:** **Rank:** P

Area: 22,295 SqFt **Length:** 300 Ft **Width:** 75 Ft

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

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

Section Comments:

Work Date: 1/1/1992 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 4 **Surveyed:** 1

Conditions: **PCI:** 61

Inspection Comments:

Sample Number: 100 **Type:** R **Area:** 6192.00 SqFt **PCI:** 61

Sample Comments:

45	DEPRESSION	L	4.00	SqFt
48	L & T CR	L	355.00	Ft
52	RAVELING	L	1234.00	SqFt
52	RAVELING	M	24.00	SqFt
53	RUTTING	L	30.00	SqFt
57	WEATHERING	M	4934.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: TL W HANG **Name:** WEST T-HANGAR TAXILANE **Use:** TAXILANE **Area:** 138,413 SqFt

Section: 3410 of 7 **From:** - **To:** - **Last Const.:** 1/1/1990

Surface: AC **Family:** CA653-PR-TW-AC **Zone:** **Category:** **Rank:** P

Area: 15,629 SqFt **Length:** 234 Ft **Width:** 66 Ft

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

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

Section Comments:

Work Date: 1/1/1990 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 3 **Surveyed:** 1

Conditions: **PCI:** 57

Inspection Comments:

Sample Number: 106 **Type:** R **Area:** 5069.00 SqFt **PCI:** 57

Sample Comments:

45	DEPRESSION	L	30.00	SqFt
48	L & T CR	L	286.00	Ft
48	L & T CR	M	100.00	Ft
50	PATCHING	L	9.00	SqFt
50	PATCHING	M	98.00	SqFt
52	RAVELING	L	1985.00	SqFt
57	WEATHERING	M	2977.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: TL W HANG **Name:** WEST T-HANGAR TAXILANE **Use:** TAXILANE **Area:** 138,413 SqFt

Section: 3415 of 7 **From:** - **To:** - **Last Const.:** 12/25/1999

Surface: AC **Family:** CA653-PR-TW-AC **Zone:** **Category:** **Rank:** P

Area: 7,080 SqFt **Length:** 184 Ft **Width:** 30 Ft

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

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

Section Comments:

Work Date: 12/25/1999 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 2 **Surveyed:** 1

Conditions: **PCI:** 73

Inspection Comments:

Sample Number: 200 **Type:** R **Area:** 3379.00 SqFt **PCI:** 73

Sample Comments:

48	L & T CR	L	129.00	Ft
56	SWELLING	L	85.00	SqFt
57	WEATHERING	L	2534.00	SqFt
57	WEATHERING	M	845.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: TL W HANG **Name:** WEST T-HANGAR TAXILANE **Use:** TAXILANE **Area:** 138,413 SqFt

Section: 3420 of 7 **From:** - **To:** - **Last Const.:** 1/1/1992

Surface: AC **Family:** CA653-PR-TW-AC **Zone:** **Category:** **Rank:** P

Area: 45,846 SqFt **Length:** 519 Ft **Width:** 30 Ft

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

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

Section Comments:

Work Date: 1/1/1992 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 11 **Surveyed:** 3

Conditions: **PCI:** 61

Inspection Comments:

Sample Number: 201 **Type:** R **Area:** 3750.00 SqFt **PCI:** 52

Sample Comments:

48	L & T CR	L	259.00	Ft
48	L & T CR	M	50.00	Ft
48	L & T CR	H	13.00	Ft
52	RAVELING	L	711.00	SqFt
52	RAVELING	M	195.00	SqFt
57	WEATHERING	M	2844.00	SqFt

Sample Number: 303 **Type:** R **Area:** 3750.00 SqFt **PCI:** 68

Sample Comments:

48	L & T CR	L	214.00	Ft
48	L & T CR	M	4.00	Ft
52	RAVELING	L	938.00	SqFt
57	WEATHERING	M	2812.00	SqFt

Sample Number: 400 **Type:** R **Area:** 5695.00 SqFt **PCI:** 63

Sample Comments:

48	L & T CR	L	515.00	Ft
48	L & T CR	H	7.00	Ft
52	RAVELING	L	1424.00	SqFt
57	WEATHERING	M	4271.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: TL W HANG **Name:** WEST T-HANGAR TAXILANE **Use:** TAXILANE **Area:** 138,413 SqFt

Section: 3425 of 7 **From:** - **To:** - **Last Const.:** 1/1/1992

Surface: AC **Family:** CA653-PR-TW-AC **Zone:** **Category:** **Rank:** P

Area: 27,208 SqFt **Length:** 475 Ft **Width:** 30 Ft

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

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

Section Comments:

Work Date: 1/1/1992 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 6 **Surveyed:** 2

Conditions: **PCI:** 60

Inspection Comments:

Sample Number: 500 **Type:** R **Area:** 5258.00 SqFt **PCI:** 55

Sample Comments:

48	L & T CR	L	443.00	Ft
48	L & T CR	H	26.00	Ft
50	PATCHING	L	60.00	SqFt
52	RAVELING	L	1525.00	SqFt
52	RAVELING	M	114.00	SqFt
57	WEATHERING	M	3559.00	SqFt

Sample Number: 601 **Type:** R **Area:** 4500.00 SqFt **PCI:** 65

Sample Comments:

48	L & T CR	L	317.00	Ft
48	L & T CR	M	20.00	Ft
52	RAVELING	L	1800.00	SqFt
57	WEATHERING	M	2700.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: TL W HANG **Name:** WEST T-HANGAR TAXILANE **Use:** TAXILANE **Area:** 138,413 SqFt

Section: 3430 of 7 **From:** - **To:** - **Last Const.:** 1/1/2003

Surface: AC **Family:** CA653-PR-TW-AC **Zone:** **Category:** **Rank:** P

Area: 14,668 SqFt **Length:** 500 Ft **Width:** 30 Ft

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

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

Section Comments:

Work Date: 1/1/2003 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 4 **Surveyed:** 1

Conditions: **PCI:** 67

Inspection Comments:

Sample Number: 702 **Type:** R **Area:** 3575.00 SqFt **PCI:** 67

Sample Comments:

45	DEPRESSION	L	30.00	SqFt
48	L & T CR	L	133.00	Ft
52	RAVELING	L	1310.00	SqFt
57	WEATHERING	M	2265.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: TL W HANG **Name:** WEST T-HANGAR TAXILANE **Use:** TAXILANE **Area:** 138,413 SqFt

Section: 3435 of 7 **From:** - **To:** - **Last Const.:** 1/1/1989

Surface: AC **Family:** CA653-PR-TW-AC **Zone:** **Category:** **Rank:** P

Area: 5,687 SqFt **Length:** 200 Ft **Width:** 25 Ft

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

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

Section Comments:

Work Date: 1/1/1989 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 29

Inspection Comments:

Sample Number: 100 **Type:** R **Area:** 5687.00 SqFt **PCI:** 29

Sample Comments:

41	ALLIGATOR CR	L	58.00	SqFt
45	DEPRESSION	L	224.00	SqFt
45	DEPRESSION	M	84.00	SqFt
45	DEPRESSION	H	63.00	SqFt
48	L & T CR	L	358.00	Ft
50	PATCHING	M	6.00	SqFt
52	RAVELING	L	5567.00	SqFt
52	RAVELING	M	114.00	SqFt
53	RUTTING	L	36.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 453,624 SqFt

Section: 320 of 3 **From:** - **To:** - **Last Const.:** 9/1/2016

Surface: AC **Family:** CA653-PR-TW-AC **Zone:** **Category:** **Rank:** P

Area: 162,031 SqFt **Length:** 2,100 Ft **Width:** 60 Ft

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

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

Section Comments:

Work Date: 9/1/2016 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 30 **Surveyed:** 3

Conditions: **PCI:** 84

Inspection Comments:

Sample Number: 251 **Type:** R **Area:** 5667.00 SqFt **PCI:** 83

Sample Comments:

48	L & T CR	L	223.00	Ft
57	WEATHERING	L	5667.00	SqFt

Sample Number: 257 **Type:** R **Area:** 6000.00 SqFt **PCI:** 84

Sample Comments:

48	L & T CR	L	211.00	Ft
57	WEATHERING	L	6000.00	SqFt

Sample Number: 267 **Type:** R **Area:** 6000.00 SqFt **PCI:** 85

Sample Comments:

48	L & T CR	L	170.00	Ft
57	WEATHERING	L	6000.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 453,624 SqFt

Section: 330 of 3 **From:** - **To:** - **Last Const.:** 1/1/2009

Surface: AAC **Family:** CA653-PR-TW-AAC-APC **Zone:** **Category:** **Rank:** P

Area: 271,000 SqFt **Length:** 2,325 Ft **Width:** 60 Ft

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

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

Section Comments:

Work Date: 1/1/1984 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

Work Date: 1/1/2009 **Work Type:** Mill and Overlay **Code:** ML-OVL **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 47 **Surveyed:** 5

Conditions: **PCI:** 39

Inspection Comments:

Sample Number: 203 **Type:** R **Area:** 3750.00 SqFt **PCI:** 44

Sample Comments:

41	ALLIGATOR CR	L	15.00	SqFt
48	L & T CR	L	169.00	Ft
53	RUTTING	L	325.00	SqFt
53	RUTTING	M	75.00	SqFt
56	SWELLING	L	25.00	SqFt
57	WEATHERING	L	1875.00	SqFt
57	WEATHERING	M	1875.00	SqFt

Sample Number: 211 **Type:** R **Area:** 6000.00 SqFt **PCI:** 34

Sample Comments:

41	ALLIGATOR CR	L	140.00	SqFt
41	ALLIGATOR CR	M	36.00	SqFt
48	L & T CR	L	148.00	Ft
50	PATCHING	M	10.00	SqFt
52	RAVELING	M	50.00	SqFt
53	RUTTING	L	700.00	SqFt
57	WEATHERING	L	4442.00	SqFt
57	WEATHERING	M	1485.00	SqFt

Sample Number: 218 **Type:** R **Area:** 6000.00 SqFt **PCI:** 38

Sample Comments:

41	ALLIGATOR CR	L	78.00	SqFt
48	L & T CR	L	212.00	Ft
48	L & T CR	M	50.00	Ft
52	RAVELING	M	50.00	SqFt
53	RUTTING	L	1000.00	SqFt
57	WEATHERING	L	4462.00	SqFt
57	WEATHERING	M	1488.00	SqFt

Sample Number: 228 **Type:** R **Area:** 6000.00 SqFt **PCI:** 54

Sample Comments:

41	ALLIGATOR CR	L	12.00	SqFt
45	DEPRESSION	L	324.00	SqFt
48	L & T CR	L	21.00	Ft
50	PATCHING	L	28.00	SqFt
52	RAVELING	M	50.00	SqFt
57	WEATHERING	L	4442.00	SqFt
57	WEATHERING	M	1480.00	SqFt

Sample Number: 239 **Type:** R **Area:** 6000.00 SqFt **PCI:** 30

Sample Comments:

41	ALLIGATOR CR	L	110.00	SqFt
41	ALLIGATOR CR	M	40.00	SqFt
48	L & T CR	L	30.00	Ft
50	PATCHING	L	117.00	SqFt

52	RAVELING	M	50.00	SqFt
53	RUTTING	L	1100.00	SqFt
53	RUTTING	M	200.00	SqFt
57	WEATHERING	L	4375.00	SqFt
57	WEATHERING	M	1458.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: TW A2 **Name:** TAXIWAY A2 **Use:** TAXIWAY **Area:** 38,414 SqFt

Section: 365 of 1 **From:** - **To:** - **Last Const.:** 1/1/2009

Surface: AAC **Family:** CA653-PR-TW-AAC-APC **Zone:** **Category:** **Rank:** P

Area: 38,414 SqFt **Length:** 295 Ft **Width:** 90 Ft

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

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

Section Comments:

Work Date: 1/1/2006 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 1/1/2009 **Work Type:** Mill and Overlay **Code:** ML-OVL **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 8 **Surveyed:** 1

Conditions: **PCI:** 61

Inspection Comments:

Sample Number: 103 **Type:** R **Area:** 4542.00 SqFt **PCI:** 61

Sample Comments:

48	L & T CR	L	31.00	Ft
52	RAVELING	L	100.00	SqFt
53	RUTTING	L	135.00	SqFt
57	WEATHERING	L	3332.00	SqFt
57	WEATHERING	M	1110.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: TW C **Name:** TAXIWAY C **Use:** TAXIWAY **Area:** 231,074 SqFt

Section: 305 of 3 **From:** - **To:** - **Last Const.:** 1/1/1993

Surface: AAC **Family:** CA653-PR-TW-AAC-APC **Zone:** **Category:** **Rank:** P

Area: 48,969 SqFt **Length:** 428 Ft **Width:** 50 Ft

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

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

Section Comments:

Work Date: 1/1/1966	**Work Type:** BUILT	**Code:** IMPORTED	**Is Major M&R:** True
Work Date: 1/1/1983	**Work Type:** OVERLAY	**Code:** IMPORTED	**Is Major M&R:** True
Work Date: 1/1/1993	**Work Type:** OVERLAY	**Code:** IMPORTED	**Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 11 **Surveyed:** 2

Conditions: **PCI:** 46

Inspection Comments:

Sample Number: 303 **Type:** R **Area:** 4500.00 SqFt **PCI:** 47

Sample Comments:

41	ALLIGATOR CR	L	65.00	SqFt
48	L & T CR	L	178.00	Ft
52	RAVELING	L	225.00	SqFt
53	RUTTING	L	93.00	SqFt
56	SWELLING	L	60.00	SqFt
57	WEATHERING	L	3825.00	SqFt
57	WEATHERING	M	450.00	SqFt

Sample Number: 306 **Type:** R **Area:** 4500.00 SqFt **PCI:** 45

Sample Comments:

41	ALLIGATOR CR	L	35.00	SqFt
45	DEPRESSION	L	4.00	SqFt
48	L & T CR	L	212.00	Ft
52	RAVELING	L	225.00	SqFt
53	RUTTING	L	250.00	SqFt
56	SWELLING	L	100.00	SqFt
57	WEATHERING	L	3600.00	SqFt
57	WEATHERING	M	675.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: TW C **Name:** TAXIWAY C **Use:** TAXIWAY **Area:** 231,074 SqFt

Section: 310 of 3 **From:** - **To:** - **Last Const.:** 1/1/2009

Surface: AAC **Family:** CA653-PR-TW-AAC-APC **Zone:** **Category:** **Rank:** P

Area: 158,559 SqFt **Length:** 2,405 Ft **Width:** 60 Ft

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

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

Section Comments:

Work Date: 1/1/1977 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

Work Date: 1/1/2009 **Work Type:** Mill and Overlay **Code:** ML-OVL **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 30 **Surveyed:** 4

Conditions: **PCI:** 54

Inspection Comments:

Sample Number: 302 **Type:** R **Area:** 6000.00 SqFt **PCI:** 50

Sample Comments:

45	DEPRESSION	L	70.00	SqFt
48	L & T CR	L	72.00	Ft
52	RAVELING	L	600.00	SqFt
53	RUTTING	L	709.00	SqFt
57	WEATHERING	M	5400.00	SqFt

Sample Number: 308 **Type:** R **Area:** 6000.00 SqFt **PCI:** 45

Sample Comments:

41	ALLIGATOR CR	L	85.00	SqFt
48	L & T CR	L	138.00	Ft
52	RAVELING	L	900.00	SqFt
53	RUTTING	L	1200.00	SqFt
57	WEATHERING	M	5100.00	SqFt

Sample Number: 317 **Type:** R **Area:** 3300.00 SqFt **PCI:** 50

Sample Comments:

48	L & T CR	L	50.00	Ft
52	RAVELING	L	495.00	SqFt
53	RUTTING	L	770.00	SqFt
57	WEATHERING	M	2805.00	SqFt

Sample Number: 322 **Type:** R **Area:** 4500.00 SqFt **PCI:** 72

Sample Comments:

48	L & T CR	L	40.00	Ft
52	RAVELING	L	1125.00	SqFt
57	WEATHERING	M	3375.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: TW C **Name:** TAXIWAY C **Use:** TAXIWAY **Area:** 231,074 SqFt

Section: 315 of 3 **From:** - **To:** - **Last Const.:** 9/1/2016

Surface: AAC **Family:** CA653-PR-TW-AAC-APC **Zone:** **Category:** **Rank:** P

Area: 23,546 SqFt **Length:** 600 Ft **Width:** 75 Ft

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

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

Section Comments:

Work Date: 1/1/1977	**Work Type:** BUILT	**Code:** IMPORTED	**Is Major M&R:** True
Work Date: 1/1/2009	**Work Type:** Mill and Overlay	**Code:** ML-OVL	**Is Major M&R:** True
Work Date: 9/1/2016	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 5 **Surveyed:** 1

Conditions: **PCI:** 86

Inspection Comments:

Sample Number: 404 **Type:** R **Area:** 5016.00 SqFt **PCI:** 86

Sample Comments:

48	L & T CR	L	123.00	Ft
57	WEATHERING	L	5016.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: TW D **Name:** TAXIWAY D **Use:** TAXIWAY **Area:** 328,348 SqFt

Section: 115 of 4 **From:** - **To:** - **Last Const.:** 1/1/1993

Surface: AAC **Family:** CA653-PR-TW-AAC-APC **Zone:** **Category:** **Rank:** P

Area: 211,450 SqFt **Length:** 4,230 Ft **Width:** 50 Ft

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

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

Section Comments:

Work Date: 1/1/1983	**Work Type:** BUILT	**Code:** IMPORTED	**Is Major M&R:** True
Work Date: 1/1/1993	**Work Type:** OVERLAY	**Code:** IMPORTED	**Is Major M&R:** True
Work Date: 1/1/1993	**Work Type:** OVERLAY	**Code:** IMPORTED	**Is Major M&R:** True
Work Date: 11/1/2020	**Work Type:** Patching - AC	**Code:** PA-AC	**Is Major M&R:** False

Last Insp. Date: 6/23/2022 **TotalSamples:** 43 **Surveyed:** 5

Conditions: **PCI:** 48

Inspection Comments:

Sample Number: 107 **Type:** R **Area:** 5000.00 SqFt **PCI:** 53

Sample Comments:

48	L & T CR	M	296.00	Ft
50	PATCHING	L	2200.00	SqFt
52	RAVELING	L	700.00	SqFt
57	WEATHERING	M	2100.00	SqFt

Sample Number: 114 **Type:** R **Area:** 5000.00 SqFt **PCI:** 50

Sample Comments:

41	ALLIGATOR CR	L	89.00	SqFt
48	L & T CR	L	189.00	Ft
50	PATCHING	L	2200.00	SqFt
52	RAVELING	L	700.00	SqFt
56	SWELLING	L	18.00	SqFt
57	WEATHERING	M	2100.00	SqFt

Sample Number: 122 **Type:** R **Area:** 5000.00 SqFt **PCI:** 57

Sample Comments:

48	L & T CR	L	63.00	Ft
48	L & T CR	M	100.00	Ft
50	PATCHING	L	2200.00	SqFt
52	RAVELING	L	700.00	SqFt
57	WEATHERING	M	2100.00	SqFt

Sample Number: 134 **Type:** R **Area:** 5000.00 SqFt **PCI:** 29

Sample Comments:

41	ALLIGATOR CR	L	300.00	SqFt
45	DEPRESSION	M	25.00	SqFt
48	L & T CR	L	333.00	Ft
48	L & T CR	M	200.00	Ft
52	RAVELING	L	1500.00	SqFt
53	RUTTING	L	500.00	SqFt
56	SWELLING	L	56.00	SqFt
57	WEATHERING	M	3500.00	SqFt

Sample Number: 145 **Type:** R **Area:** 5000.00 SqFt **PCI:** 52

Sample Comments:

48	L & T CR	L	313.00	Ft
48	L & T CR	M	300.00	Ft
52	RAVELING	L	2000.00	SqFt
56	SWELLING	L	87.00	SqFt
57	WEATHERING	M	3000.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: TW D **Name:** TAXIWAY D **Use:** TAXIWAY **Area:** 328,348 SqFt

Section: 120 of 4 **From:** - **To:** - **Last Const.:** 1/1/1993

Surface: AAC **Family:** CA653-PR-TW-AAC-APC **Zone:** **Category:** **Rank:** P

Area: 43,181 SqFt **Length:** 725 Ft **Width:** 50 Ft

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

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

Section Comments:

Work Date: 1/1/1983 **Work Type:** BUILT **Code:** IMPORTED **Is Major M&R:** True

Work Date: 1/1/1993 **Work Type:** OVERLAY **Code:** IMPORTED **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 8 **Surveyed:** 2

Conditions: **PCI:** 54

Inspection Comments:

Sample Number: 149 **Type:** R **Area:** 6028.00 SqFt **PCI:** 56

Sample Comments:

48	L & T CR	L	163.00	Ft
48	L & T CR	M	300.00	Ft
52	RAVELING	L	2411.00	SqFt
56	SWELLING	L	75.00	SqFt
57	WEATHERING	M	3617.00	SqFt

Sample Number: 152 **Type:** R **Area:** 5651.00 SqFt **PCI:** 51

Sample Comments:

48	L & T CR	L	500.00	Ft
48	L & T CR	M	241.00	Ft
52	RAVELING	L	448.00	SqFt
56	SWELLING	L	284.00	SqFt
57	WEATHERING	L	4162.00	SqFt
57	WEATHERING	M	1041.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: TW D **Name:** TAXIWAY D **Use:** TAXIWAY **Area:** 328,348 SqFt

Section: 155 of 4 **From:** - **To:** - **Last Const.:** 1/1/1993

Surface: AAC **Family:** CA653-PR-TW-AAC-APC **Zone:** **Category:** **Rank:** P

Area: 4,146 SqFt **Length:** 90 Ft **Width:** 25 Ft

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

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

Section Comments:

Work Date: 1/1/1992 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 1/1/1993 **Work Type:** Overlay - AC Structural **Code:** OL-AS **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 59

Inspection Comments:

Sample Number: 100 **Type:** R **Area:** 4146.00 SqFt **PCI:** 59

Sample Comments:

48	L & T CR	L	346.00	Ft
48	L & T CR	M	50.00	Ft
56	SWELLING	L	161.00	SqFt
57	WEATHERING	L	2488.00	SqFt
57	WEATHERING	M	1658.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: TW E2 **Name:** TAXIWAY E2 **Use:** TAXIWAY **Area:** 7,632 SqFt

Section: 560 of 2 **From:** - **To:** - **Last Const.:** 1/1/2010

Surface: AC **Family:** CA653-PR-TW-AC **Zone:** **Category:** **Rank:** P

Area: 4,005 SqFt **Length:** 82 Ft **Width:** 30 Ft

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

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

Section Comments:

Work Date: 1/1/2010 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 57

Inspection Comments:

Sample Number: 100 **Type:** R **Area:** 4005.00 SqFt **PCI:** 57

Sample Comments:

48	L & T CR	L	50.00	Ft
48	L & T CR	M	40.00	Ft
52	RAVELING	L	3885.00	SqFt
52	RAVELING	M	120.00	SqFt
56	SWELLING	L	10.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: TW E2 **Name:** TAXIWAY E2 **Use:** TAXIWAY **Area:** 7,632 SqFt

Section: 565 of 2 **From:** - **To:** - **Last Const.:** 1/1/2022

Surface: AC **Family:** CA653-PR-TW-AC **Zone:** **Category:** **Rank:** P

Area: 3,627 SqFt **Length:** 110 Ft **Width:** 30 Ft

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

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

Section Comments:

Work Date: 1/1/2010 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 1/1/2022 **Work Type:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Last Insp. Date: 12/3/2018 **TotalSamples:** 2 **Surveyed:** 1

Conditions: **PCI:** 62 **NOTE: *** Pre-Construction PCI *****

Inspection Comments:

Sample Number: 100 **Type:** R **Area:** 4545.00 SqFt **PCI:** 62

Sample Comments:

48	L & T CR	L	45.00	Ft
52	RAVELING	L	4495.00	SqFt
52	RAVELING	M	50.00	SqFt
56	SWELLING	L	7.00	SqFt

Network: PGD **Name:** PUNTA GORDA AIRPORT

Branch: TW F **Name:** TAXIWAY F **Use:** TAXIWAY **Area:** 50,341 SqFt

Section: 1105 of 1 **From:** - **To:** - **Last Const.:** 12/25/1999

Surface: AC **Family:** CA653-PR-TW-AC **Zone:** **Category:** **Rank:** P

Area: 50,341 SqFt **Length:** 750 Ft **Width:** 50 Ft

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

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

Section Comments:

Work Date: 12/25/1999 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 6/23/2022 **TotalSamples:** 11 **Surveyed:** 2

Conditions: **PCI:** 57

Inspection Comments:

Sample Number: 101 **Type:** R **Area:** 4412.00 SqFt **PCI:** 60

Sample Comments:

48	L & T CR	L	283.00	Ft
48	L & T CR	M	250.00	Ft
57	WEATHERING	M	4412.00	SqFt

Sample Number: 107 **Type:** R **Area:** 5032.00 SqFt **PCI:** 54

Sample Comments:

48	L & T CR	L	223.00	Ft
48	L & T CR	M	300.00	Ft
52	RAVELING	L	1258.00	SqFt
56	SWELLING	L	45.00	SqFt
57	WEATHERING	M	3774.00	SqFt

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