FLORIDA DEPARTMENT OF TRANSPORTATION | **AVIATION OFFICE**

2022

Statewide Airfield Pavement Management Program

Airport Pavement Evaluation Report

EVB - New Smyrna Beach Municipal Airport | *District 5*

FDOT AVIATION

Florida Department of Transportation

Statewide Airfield Pavement Management Program

Airport Pavement Evaluation Report

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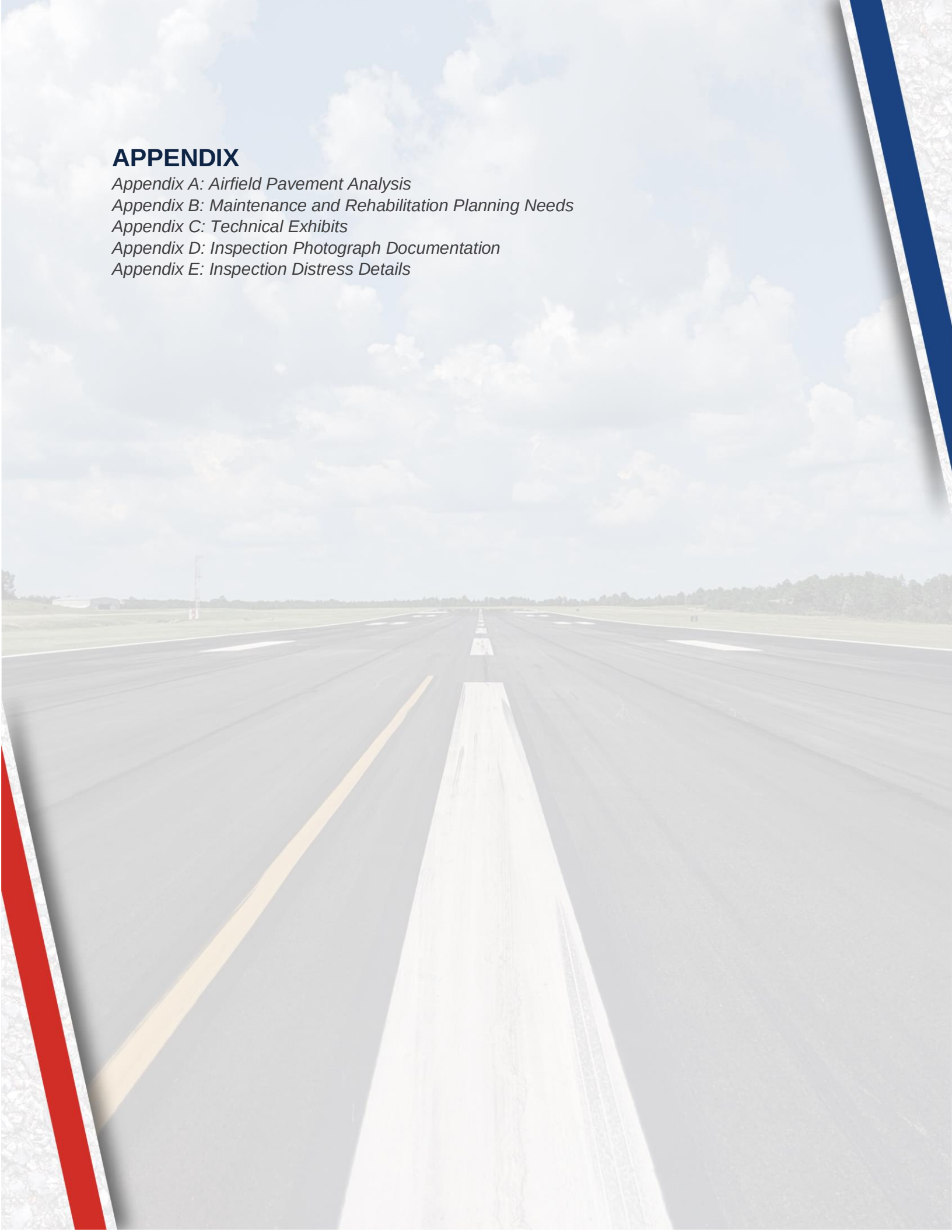

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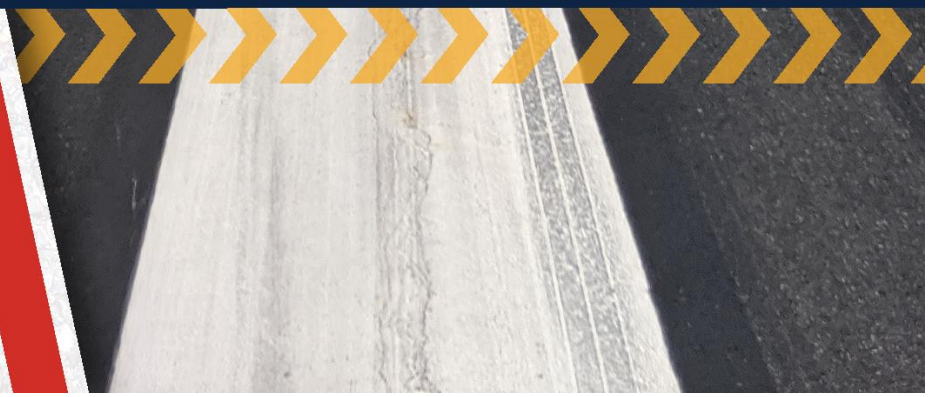


Executive Summary

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. New Smyrna Beach Municipal 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 (a)**.

Figure E.1 (a): 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

New Smyrna Beach Municipal Airport has a unique composite pavement section known as "whitetopping" within their airport pavement system inventory. Whitetopping is a pavement construction technique otherwise known as "Concrete Overlay" that does not adhere to the current FAA AC 150/5320-6 guidance for concrete overlays and therefore is not suitable to be evaluated using the PCI methodology. Based on the guidance stated in FAA AC 150/5320-17A "Airfield Pavement Surface Evaluation and Rating Manuals", the FDOT SAPMP has adopted the PASER Manual in Appendix B of the Advisory Circular for specific use on the whitetopping pavements.

PASER is a visual rating system that utilizes a 0 to 5 rating scale, with a value of 5 representing new pavement and a value of 1 representing a failed pavement. This is graphically depicted in **Figure E.1 (b)**.

Figure E.1 (b): PASER Rating

Color	PASER Value	Surface Rating
	5	Excellent
	4	Good
	3	Fair
	2	Poor
	1	Failed

Current Pavement Conditions

In January 2022, approximately 2.5 million square feet of pavement was assessed as part of the airside pavement network PCI survey at New Smyrna Beach Municipal Airport (EVB). In general, airfield pavements at EVB are in Fair condition with an area-weighted PCI of 70. The area-weighted average PCI values of the runways, taxiways, taxilanes, and aprons are 68, 81, 75, and 49, respectively. **Figure E.2** and **Table E.1 (a)** summarize the current PCI values for EVB, while **Table E.1 (b)** summarizes the PASER surface ratings for the whitetopping pavements.

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

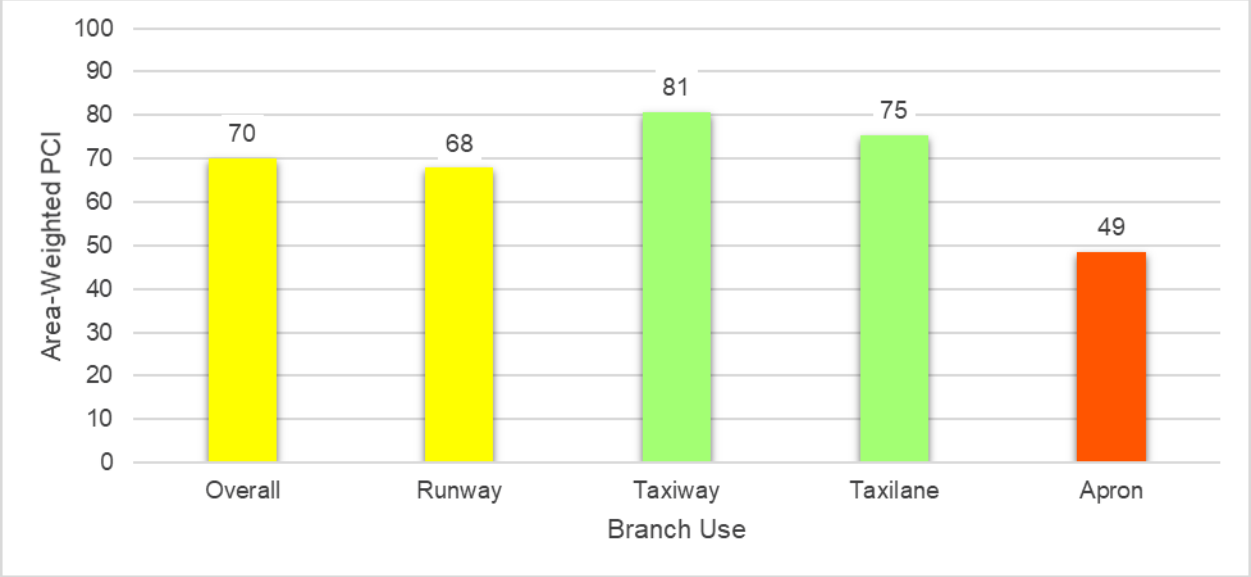


Table E.1 (a): Pavement Condition Index Summary (Current PCI Survey) – Section Level

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	PCI	Condition Rating
EVB	RW 2-20	Runway	6405	78,400	33	Very Poor
EVB	RW 2-20	Runway	6425	254,789	34	Very Poor
EVB	RW 2-20	Runway	6427	11,862	89	Good
EVB	RW 2-20	Runway	6430	5,000	38	Very Poor
EVB	RW 2-20	Runway	6435	12,472	83	Satisfactory
EVB	RW 2-20	Runway	6450	25,000	34	Very Poor
EVB	RW 7-25	Runway	6202	18,750	76	Satisfactory
EVB	RW 7-25	Runway	6205	324,750	89	Good
EVB	RW 7-25	Runway	6210	11,378	84	Satisfactory
EVB	RW 7-25	Runway	6215	7,125	91	Good
EVB	RW 7-25	Runway	6220	13,125	88	Good
EVB	RW 11-29	Runway	6105	323,925	81	Satisfactory
EVB	TW A	Taxiway	102	22,287	85	Satisfactory
EVB	TW A	Taxiway	105	93,280	51	Poor
EVB	TW A	Taxiway	110	16,319	82	Satisfactory
EVB	TW A	Taxiway	115	5,905	86	Good

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	PCI	Condition Rating
EVB	TW A	Taxiway	125	4,303	52	Poor
EVB	TW B	Taxiway	210	67,896	73	Satisfactory
EVB	TW B	Taxiway	215	105,867	64	Fair
EVB	TW C	Taxiway	310	13,657	33	Very Poor
EVB	TW C	Taxiway	312	12,746	100	Good
EVB	TW C	Taxiway	314	57,036	100	Good
EVB	TW C	Taxiway	315	24,500	100	Good
EVB	TW C	Taxiway	325	5,247	59	Fair
EVB	TW C	Taxiway	330	44,997	100	Good
EVB	TW C	Taxiway	345	86,977	86	Good
EVB	TW D	Taxiway	405	50,628	68	Fair
EVB	TW D	Taxiway	415	7,000	23	Serious
EVB	TW D	Taxiway	425	27,118	89	Good
EVB	TW D	Taxiway	427	40,335	90	Good
EVB	TW D	Taxiway	430	84,969	88	Good
EVB	TW E	Taxiway	505	17,197	91	Good
EVB	TW E	Taxiway	510	24,594	90	Good
EVB	TW E	Taxiway	515	52,494	84	Satisfactory
EVB	TW E	Taxiway	520	27,412	91	Good
EVB	TW E	Taxiway	530	76,505	94	Good
EVB	TW F	Taxiway	610	28,075	100	Good
EVB	TL T-HANG	Taxilane	4320	31,261	64	Fair
EVB	TL T-HANG	Taxilane	4340	8,491	85	Satisfactory
EVB	TL T-HANG	Taxilane	4360	11,098	100	Good
EVB	AP	Apron	4102	20,539	4	Failed
EVB	AP	Apron	4103	9,336	100	Good
EVB	AP	Apron	4104	3,872	43	Poor
EVB	AP	Apron	4105	6,440	9	Failed
EVB	AP	Apron	4106	3,540	100	Good
EVB	AP	Apron	4107	12,117	100	Good
EVB	AP	Apron	4108	8,757	100	Good
EVB	AP	Apron	4110	1,950	7	Failed
EVB	AP	Apron	4115	8,775	1	Failed
EVB	AP	Apron	4124	6,450	73	Satisfactory
EVB	AP	Apron	4127	1,560	87	Good
EVB	AP	Apron	4128	6,565	100	Good
EVB	AP	Apron	4129	2,070	100	Good
EVB	AP	Apron	4130	23,150	47	Poor
EVB	AP	Apron	4132	17,074	23	Serious
EVB	AP	Apron	4135	4,290	33	Very Poor
EVB	AP	Apron	4140	37,036	35	Very Poor
EVB	AP	Apron	4145	17,888	65	Fair
EVB	AP	Apron	4160	10,001	41	Poor
EVB	AP	Apron	4165	9,517	10	Failed
EVB	AP	Apron	4190	38,656	90	Good
EVB	AP RU	Apron	5105	46,282	32	Very Poor

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	PCI	Condition Rating
EVB	AP S	Apron	4215	56,450	9	Failed
EVB	AP S	Apron	4225	44,991	100	Good
EVB	AP SE	Apron	4220	8,835	1	Failed

Table E.1 (b): PASER Surface Rating – Section Level - Whitetopping Pavements

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	PASER Value	Surface Rating
EVB	TW C	Taxiway	305	48,858	4	Good
EVB	AP	Apron	4120	14,180	2	Poor
EVB	AP	Apron	4121	12,650	2	Poor
EVB	AP	Apron	4125	17,693	3	Fair
EVB	AP	Apron	4126	12,548	3	Fair
EVB	AP	Apron	4150	45,150	3	Fair
EVB	AP	Apron	4154	7,400	4	Good
EVB	AP	Apron	4155	3,500	3	Fair

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
EVB	RW 2-20	6405	33	32	31	30	29	27	26	25	24	23	22
EVB	RW 2-20	6425	34	33	32	31	30	29	28	27	25	24	23
EVB	RW 2-20	6427	89	87	85	83	81	80	78	76	75	73	71
EVB	RW 2-20	6430	38	38	37	37	36	36	35	35	34	33	32
EVB	RW 2-20	6435	83	80	78	76	74	72	71	69	67	65	63
EVB	RW 2-20	6450	34	33	32	31	30	29	28	27	25	24	23
EVB	RW 7-25	6202	76	73	71	69	67	65	64	62	60	58	56
EVB	RW 7-25	6205	89	86	84	82	80	78	77	75	73	71	69
EVB	RW 7-25	6210	84	81	79	77	75	73	72	70	68	66	64
EVB	RW 7-25	6215	91	88	86	84	82	80	79	77	75	73	71
EVB	RW 7-25	6220	88	85	83	81	79	77	76	74	72	70	68
EVB	RW 11-29	6105	81	78	76	74	72	70	69	67	65	63	61
EVB	TW A	102	85	82	81	79	77	76	74	73	72	70	69

Network ID	Branch ID	Section ID	Current PCI	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
EVB	TW A	105	51	50	50	50	49	49	48	48	47	47	46
EVB	TW A	110	82	80	78	76	75	73	72	71	70	68	67
EVB	TW A	115	86	83	82	80	78	77	75	74	72	71	70
EVB	TW A	125	52	51	51	51	50	50	49	49	48	48	47
EVB	TW B	210	73	71	70	69	68	66	65	64	64	63	62
EVB	TW B	215	64	63	62	61	60	60	59	58	58	57	56
EVB	TW C	310	33	31	30	28	27	25	24	22	20	19	17
EVB	TW C	312	100	97	95	92	90	88	86	84	82	81	79
EVB	TW C	314	100	97	95	92	90	88	86	84	82	81	79
EVB	TW C	315	100	97	95	92	90	88	86	84	82	81	79
EVB	TW C	325	59	58	57	57	56	56	55	55	54	54	53
EVB	TW C	330	100	97	95	92	90	88	86	84	82	81	79
EVB	TW C	345	86	83	82	80	78	77	75	74	72	71	70
EVB	TW D	405	68	66	65	64	64	63	62	61	60	60	59
EVB	TW D	415	23	21	19	17	15	13	11	9	8	6	4
EVB	TW D	425	89	86	84	82	81	79	77	76	74	73	72
EVB	TW D	427	90	87	85	83	81	80	78	77	75	74	72
EVB	TW D	430	88	85	83	81	80	78	76	75	74	72	71
EVB	TW E	505	91	88	86	84	82	81	79	77	76	74	73
EVB	TW E	510	90	87	85	83	81	80	78	77	75	74	72
EVB	TW E	515	84	81	80	78	77	75	74	72	71	70	69
EVB	TW E	520	91	88	86	84	82	81	79	77	76	74	73
EVB	TW E	530	94	91	89	87	85	83	81	79	78	76	75
EVB	TW F	610	100	94	92	89	87	85	84	82	80	78	77
EVB	TL T-HANG	4320	64	63	62	61	60	60	59	58	58	57	56
EVB	TL T-HANG	4340	85	82	81	79	77	76	74	73	72	70	69
EVB	TL T-HANG	4360	100	94	92	90	88	86	84	82	80	79	77
EVB	AP	4102	4	3	2	1	0	0	0	0	0	0	0
EVB	AP	4103	100	97	94	92	90	88	85	83	81	79	78
EVB	AP	4104	43	42	42	41	41	41	40	40	39	39	39
EVB	AP	4105	9	8	7	6	5	4	3	2	1	0	0
EVB	AP	4106	100	98	97	96	95	94	93	92	91	90	89
EVB	AP	4107	100	94	91	89	87	85	83	81	79	77	75
EVB	AP	4108	100	98	97	96	95	94	93	92	91	90	89
EVB	AP	4110	7	6	5	4	3	2	1	0	0	0	0
EVB	AP	4115	1	0	0	0	0	0	0	0	0	0	0
EVB	AP	4124	73	71	70	68	67	66	64	63	62	60	59
EVB	AP	4127	87	86	85	84	83	82	81	80	79	78	77
EVB	AP	4128	100	98	97	96	95	94	93	92	91	90	89
EVB	AP	4129	100	98	97	96	95	94	93	92	91	90	89
EVB	AP	4130	47	46	45	44	43	42	41	40	39	38	37
EVB	AP	4132	23	22	21	20	19	18	17	16	15	14	13
EVB	AP	4135	33	32	32	31	30	30	29	28	28	27	26
EVB	AP	4140	35	34	34	33	33	32	32	31	31	30	29
EVB	AP	4145	65	63	62	61	59	58	57	56	55	54	53
EVB	AP	4160	41	40	40	40	39	39	38	38	38	37	37

Network ID	Branch ID	Section ID	Current PCI	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
EVB	AP	4165	10	9	8	7	6	5	4	3	2	1	0
EVB	AP	4190	90	89	88	87	86	85	84	83	82	81	80
EVB	AP RU	5105	32	31	31	30	29	29	28	27	26	26	25
EVB	AP S	4215	9	8	7	6	5	4	3	2	1	0	0
EVB	AP S	4225	100	98	97	96	95	94	93	92	91	90	89
EVB	AP SE	4220	1	0	0	0	0	0	0	0	0	0	0

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 $28.00M in major rehabilitation needs for the 10-year forecast period. Year 1 major needs are $15.67M and localized maintenance needs for Year 1 are $1.17M.

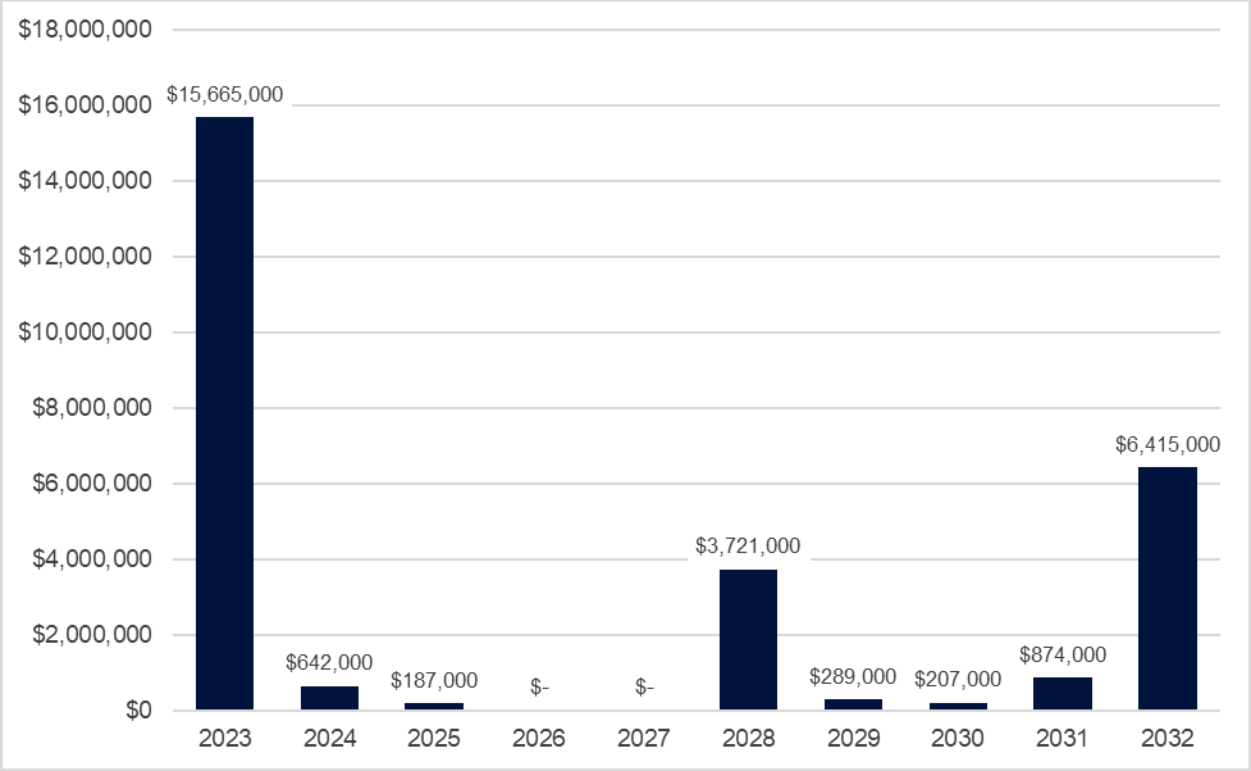
Table E.3: Major Rehabilitation Planning 2023-2032

Program Year	Network ID	Branch ID	Section ID	Surface	Area (SF)	PCI Before	Rehabilitation Type	Planning Cost Estimate
2023	EVB	RW 2-20	6405	AC	78,400	32	AC Reconstruction	$ 1,255,000
2023	EVB	RW 2-20	6425	AC	254,789	33	AC Reconstruction	$ 4,077,000
2023	EVB	RW 2-20	6430	AC	5,000	38	AC Reconstruction	$ 80,000
2023	EVB	RW 2-20	6450	AC	25,000	33	AC Reconstruction	$ 400,000
2023	EVB	TW A	105	AC	93,280	50	AC Reconstruction	$ 1,493,000
2023	EVB	TW A	125	AC	4,303	51	AC Reconstruction	$ 69,000
2023	EVB	TW B	215	AC	105,867	63	AC Rehabilitation	$ 953,000
2023	EVB	TW C	310	AC	13,657	31	AC Reconstruction	$ 219,000
2023	EVB	TW C	325	AC	5,247	58	AC Rehabilitation	$ 48,000
2023	EVB	TW D	405	AC	50,628	66	AC Rehabilitation	$ 456,000

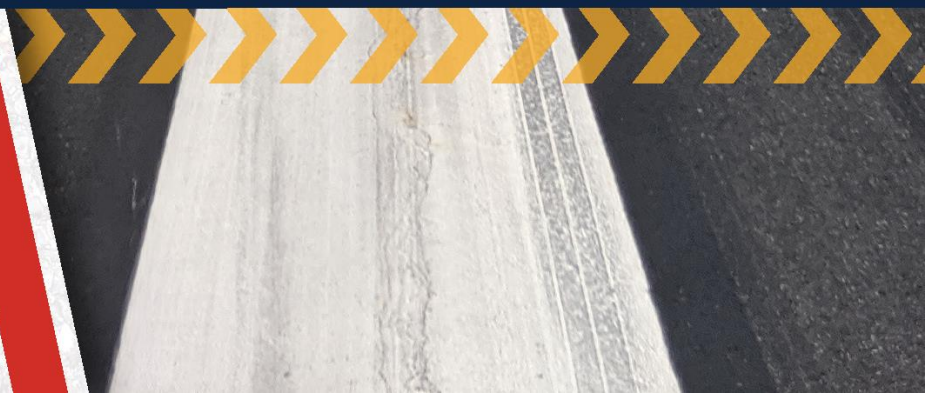
Program Year	Network ID	Branch ID	Section ID	Surface	Area (SF)	PCI Before	Rehabilitation Type	Planning Cost Estimate
2023	**EVB**	TW D	415	AC	7,000	21	AC Reconstruction	$ 112,000
2023	**EVB**	TL T-HANG	4320	AC	31,261	63	AC Rehabilitation	$ 282,000
2023	**EVB**	AP	4102	PCC	20,539	3	PCC Reconstruction	$ 596,000
2023	**EVB**	AP	4104	AC	3,872	42	AC Reconstruction	$ 62,000
2023	**EVB**	AP	4105	PCC	6,440	8	PCC Reconstruction	$ 187,000
2023	**EVB**	AP	4110	PCC	1,950	6	PCC Reconstruction	$ 57,000
2023	**EVB**	AP	4115	PCC	8,775	0	PCC Reconstruction	$ 255,000
2023	**EVB**	AP	4130	PCC	23,150	46	PCC Reconstruction	$ 672,000
2023	**EVB**	AP	4132	PCC	17,074	22	PCC Reconstruction	$ 496,000
2023	**EVB**	AP	4135	AC	4,290	32	AC Reconstruction	$ 69,000
2023	**EVB**	AP	4140	AC	37,036	34	AC Reconstruction	$ 593,000
2023	**EVB**	AP	4145	AC	17,888	63	AC Rehabilitation	$ 161,000
2023	**EVB**	AP	4160	AC	10,001	40	AC Reconstruction	$ 161,000
2023	**EVB**	AP	4165	PCC	9,517	9	PCC Reconstruction	$ 276,000
2023	**EVB**	AP RU	5105	AC	46,282	31	AC Reconstruction	$ 741,000
2023	**EVB**	AP S	4215	PCC	56,450	8	PCC Reconstruction	$ 1,638,000
2023	**EVB**	AP SE	4220	PCC	8,835	0	PCC Reconstruction	$ 257,000
2024	**EVB**	TW B	210	AC	67,896	70	AC Rehabilitation	$ 642,000
2025	**EVB**	RW 7-25	6202	AAC	18,750	69	AC Rehabilitation	$ 187,000
2028	**EVB**	RW 11-29	6105	AAC	323,925	69	AC Rehabilitation	$ 3,721,000
2029	**EVB**	RW 2-20	6435	AAC	12,472	69	AC Rehabilitation	$ 151,000
2029	**EVB**	RW 7-25	6210	AAC	11,378	70	AC Rehabilitation	$ 138,000
2030	**EVB**	TW A	110	AC	16,319	70	AC Rehabilitation	$ 207,000
2031	**EVB**	RW 7-25	6220	AAC	13,125	70	AC Rehabilitation	$ 175,000
2031	**EVB**	TW E	515	AC	52,494	70	AC Rehabilitation	$ 699,000
2032	**EVB**	RW 7-25	6205	AAC	324,750	69	AC Rehabilitation	$ 4,535,000
2032	**EVB**	TW A	102	AC	22,287	69	AC Rehabilitation	$ 312,000
2032	**EVB**	TW A	115	AC	5,905	70	AC Rehabilitation	$ 83,000
2032	**EVB**	TW C	345	AC	86,977	70	AC Rehabilitation	$ 1,215,000
2032	**EVB**	TL T-HANG	4340	AC	8,491	69	AC Rehabilitation	$ 119,000
2032	**EVB**	AP	4124	PCC	6,450	59	PCC Rehabilitation	$ 151,000

**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.

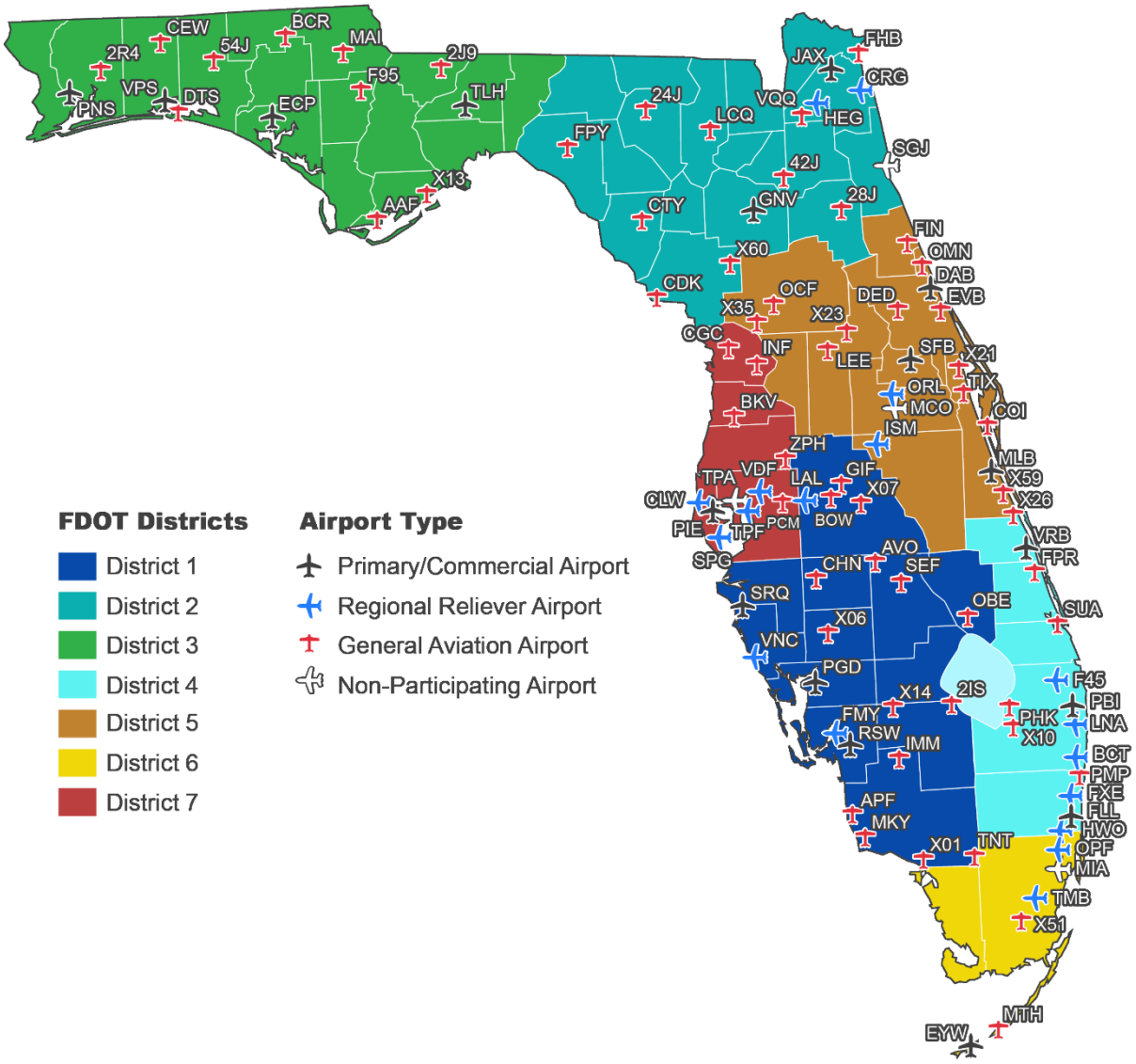
Airports participating in the Airport Improvement Program (AIP) Grant Program are required by the FAA to develop and implement a pavement maintenance program in order to be eligible for funding, per FAA Advisory Circulars 150/5380-6C "Guidelines and Procedures for Maintenance of Airport Pavements" and 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.

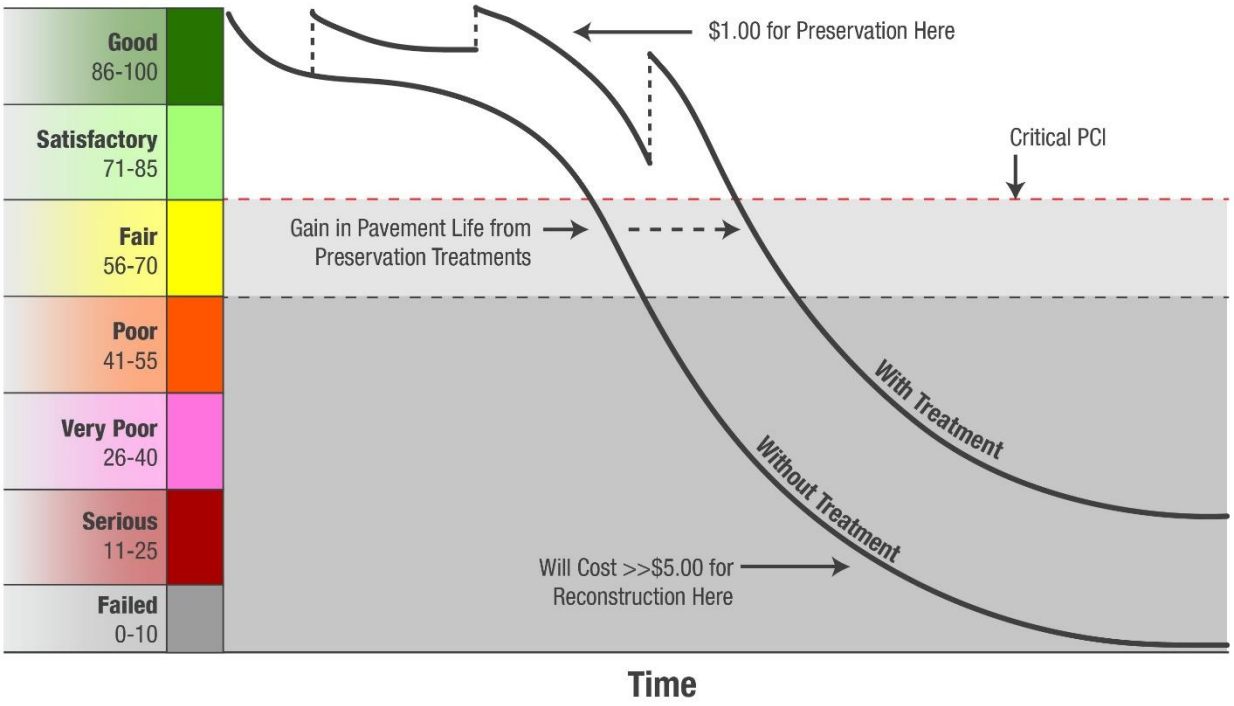
A comprehensive SAPMP provides information that assists with the project programming process. The primary objectives of the FDOT SAPMP consist of the following:

- 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.

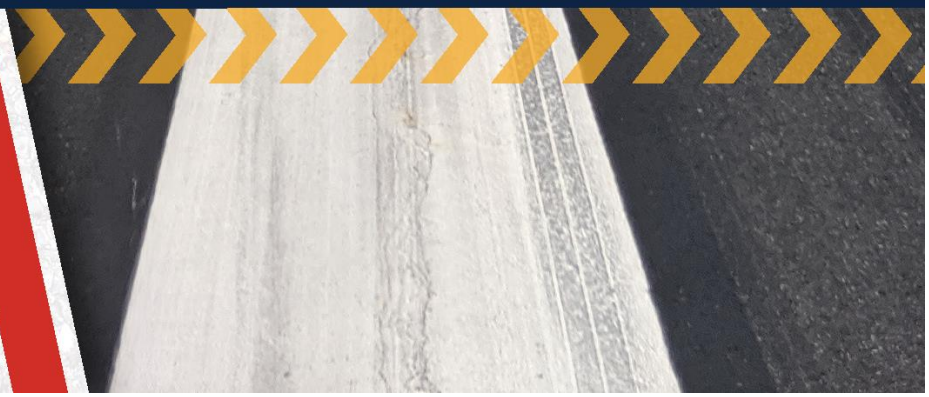
Figure 1.4: Pavement Life and the Effect of Treatments



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*

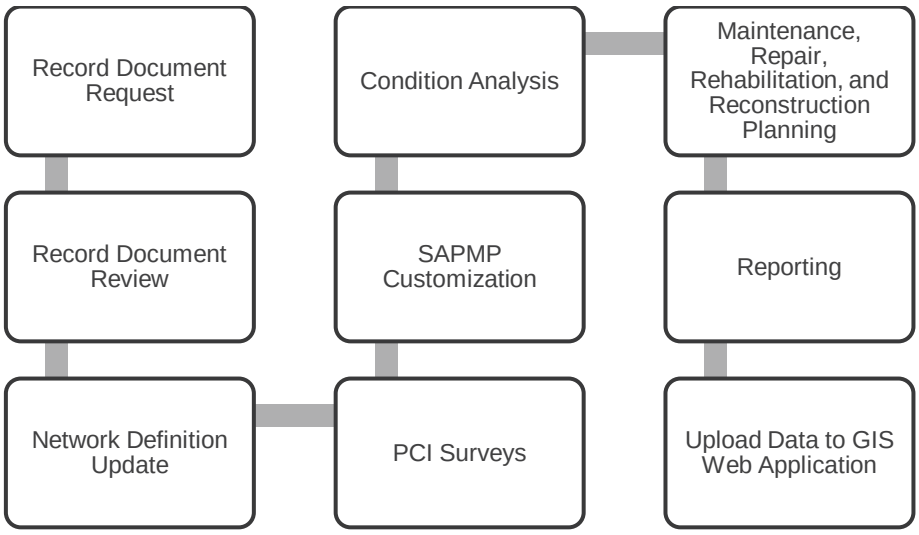
Chapter 2: Methodology



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 EVB'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.

2.7 Airfield PASER Survey Methodology

Of the 95 participating airports, there are three (3) airports, including EVB, that have a unique composite pavement section known as "whitetopping" within their airfield pavement system inventory that deviates from the current FAA Advisory Circular 150/5320-6F "Airport Pavement Design and Evaluation." Whitetopping is a pavement construction technique otherwise known as "Concrete Overlay" that does not adhere to the current FAA AC 150/5320-6 guidance for concrete overlays based on material specification, documented concrete strength, concrete minimum thickness, joint type, joint sealant, joint layout, and load transfer. Therefore, it is recognized that the ASTM D5340-20 (current version) may not be suitable to utilize as means to evaluate condition for the whitetopping concrete overlays.

The FAA recommends the **PA**vement **S**urface **E**valuation and **R**ating (PASER) procedure to evaluate the surface condition of rigid concrete and flexible concrete pavement facilities when it is not possible to complete a more detailed PCI Survey as part of a more comprehensive pavement maintenance management program. PASER was developed for the FAA by the Engineering Professional Development, College of Engineering, University of Wisconsin-Madison. Based on the guidance stated in FAA AC 150/5320-17A "Airfield Pavement Surface Evaluation and Rating Manuals", the FDOT SAPMP has adopted the PASER Manual in Appendix B of the Advisory Circular for specific use on the whitetopping pavements.

2.7.1 PASER Rating for Airfield Rigid Pavements

For the FDOT SAPMP, the PASER system will be limited to concrete overlay pavement sections, identified as whitetopping. PASER is a visual rating system that utilizes a 0 to 5 rating scale, with a value of 5 representing new pavement (or recent major concrete rehabilitation, like-new

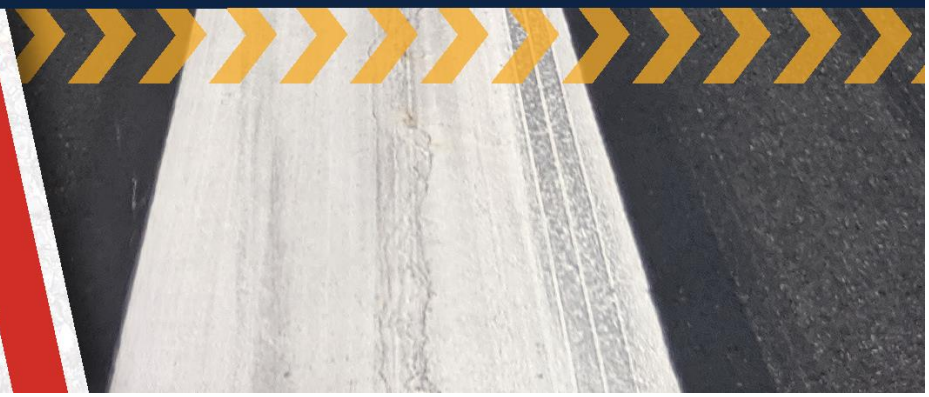
condition, typically less than 5 years old, and/or no maintenance required) and a value of 1 representing extensive full-depth joint repairs or slab replacements, extensive patching and one (1) complete overlay, and/or complete reconstruction needed. The PASER condition ratings are assigned by monitoring the type and amount of visual deterioration/distress within a defined feature (section). The PASER system interprets the visual observations into a condition rating. **Table 2.7.1. PASER Rating for Airfield Rigid Pavement** provides an organization of the PASER rating system for airfield pavements constructed with a rigid concrete surface layer.

Each rating in the PASER value has a corresponding surface rating written descriptor (Excellent, Good, Fair, Poor, Failed). The PASER surface rating is not based on the ASTM D5430-20. They should not be confused with the formal definitions of the PCI survey method.

Table 2.7.1: PASER Rating for Airfield Rigid Pavement

PASER Value	Surface Rating	Visual Distress	General Conditions	Treatment Measures
5	Excellent	None.	New pavement or recent major concrete rehabilitation. Like-new condition. Less than 5 years old. No maintenance required.	No maintenance required.
4	Good	Hairline or sealed cracks 1⁄8" wide or less. Map cracking. Pop-outs.	Concrete over 5 years old. Signs of wear. Minor spot repair of cracks or joint sealant.	Minor routine maintenance, crack or joint sealing.
3	Fair	Several slabs broken into two pieces by slab cracks. Corner cracking on several slabs, 1⁄4" wide with no spalling. Joint sealant mostly in good condition, less than 10% needing replacement. Several patches in fair to good condition. Map cracking or scaling on 10% or less of the surface area. Slight faulting, less than 1⁄4", in several locations.	First sign of significant slab cracking, corner cracking, scaling, or faulting. Several patches. Joint sealant repair required. Isolated repair of joint or patch.	More crack or joint sealing. Isolated joint repairs or slab patching.
2	Poor	Many slab cracks, some breaking the slab into three or more pieces. Cracks open 1/8" or cracks with spalling. D-cracks at several joints. Sealant failure over 10% of joints. Several patches in fair to poor condition with cracks in patch and uneven surface. Faulting ¼" to ½" in several locations. Severe or extensive scaling.	Needs sealant replacement on more than 10% of cracks or joints. Partial depth or full-depth joint repairs or patch replacement. Repair faulted joints. Replace or overlay slabs with severe scaling. Bonded or unbonded concrete overlay.	Extensive crack or joint sealing. Repair severe joint deterioration. Partial and full-depth slab repairs.
1	Failed	Many wide cracks with failed sealant and grass. Extensive crack and joint spalling. Slabs extensively cracked or shattered. Many corner breaks with spalling. D-cracks with spalling. Patches in poor condition with spalling. Numerous faults over 1⁄2".	Extensive full-depth joint repairs or slab replacements. Extensive patching and complete overlay. Complete reconstruction.	Reconstruction.

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.

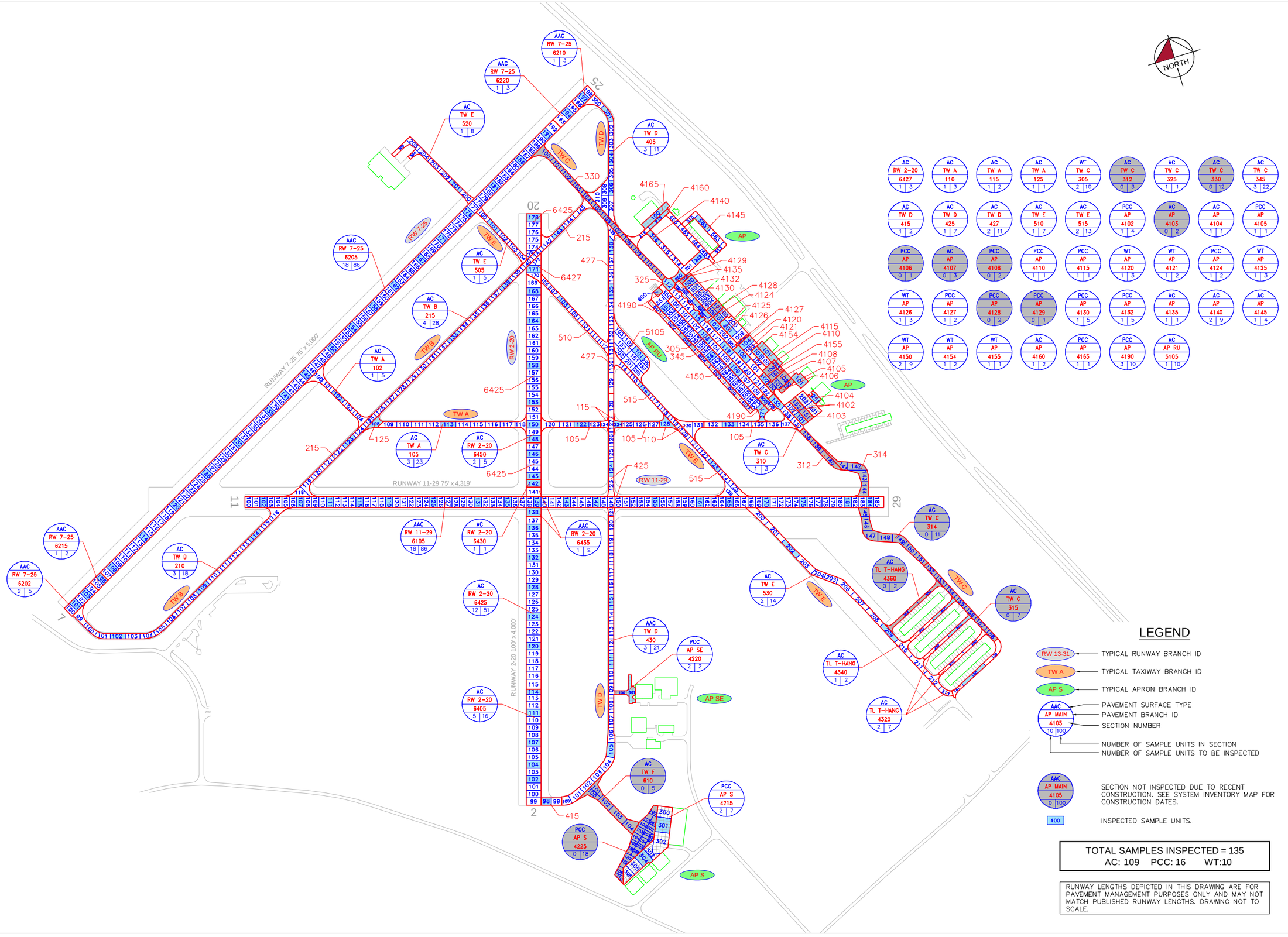
Table 3.1.1: Summary of Previous and/or Anticipated Airfield Pavement Construction

Construction Year	Location	Work Type / Pavement Section
2018	TW E	Complete Reconstruction - AC | 2" P-401, Rework Existing 8" Limerock Base
2019	AP	Complete Reconstruction - PCC
2020	AP, TW F	New Construction - AC
	AP	Complete Reconstruction - PCC
	AP, AP S	New Construction - PCC
2021	TL T-HANG	New Construction - AC
2022	TW C	New Construction - AC
	AP, TW C	Complete Reconstruction - AC | 4" P-401, 6" P-211
	TW C	Complete Reconstruction - AC | Cold milling existing asphalt full depth 2", excavate 2" existing P-211, regrade existing P-211

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.

EVB



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 = 135
AC: 109 PCC: 16 WT:10

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 NETWORK DEFINITION EXHIBIT

Statewide Airfield Pavement Management Program

NEW SMYRNA BEACH MUNICIPAL AIRPORT

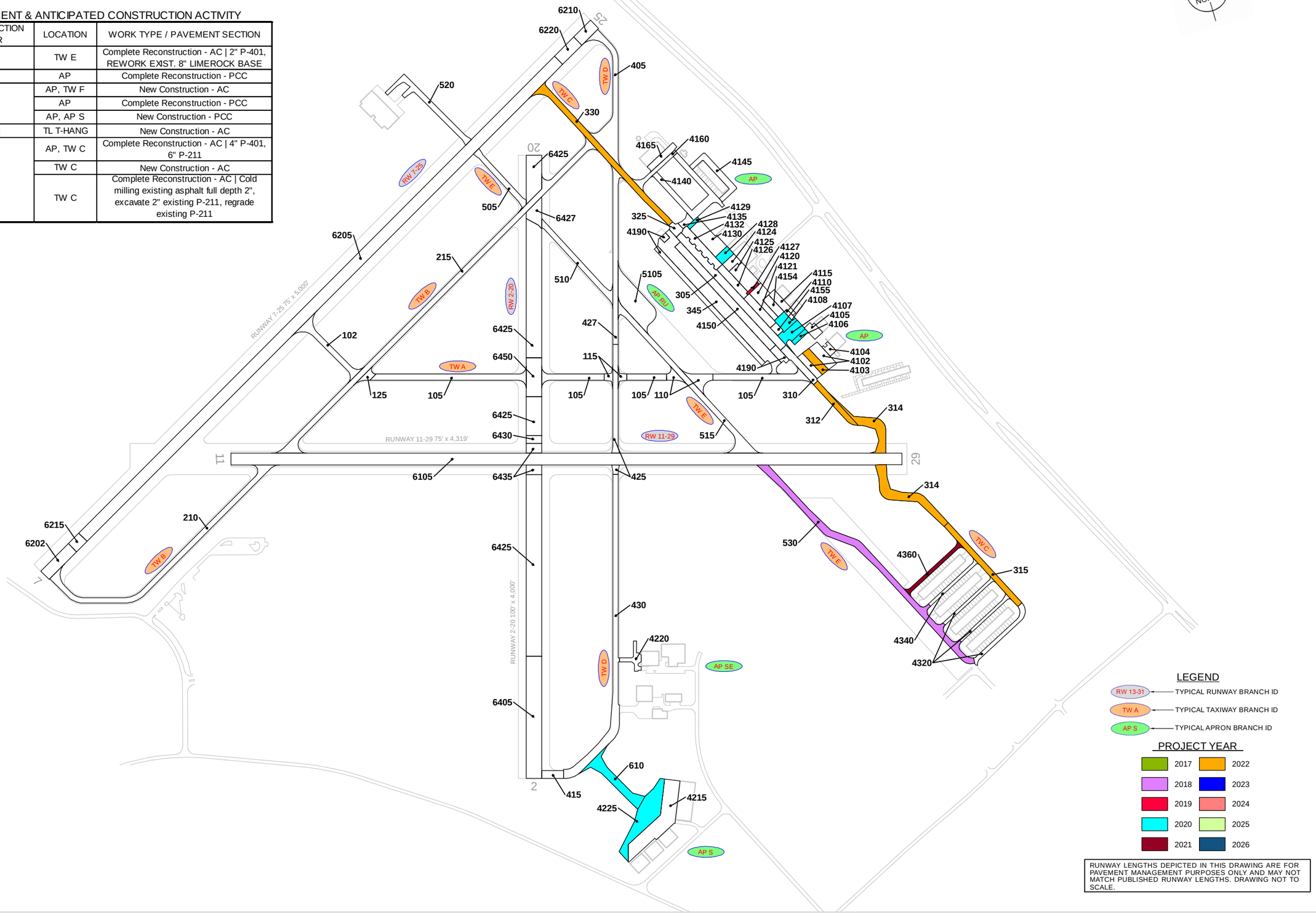
FDOT

2022

EVB

RECENT & ANTICIPATED CONSTRUCTION ACTIVITY

CONSTRUCTION YEAR	LOCATION	WORK TYPE / PAVEMENT SECTION
2018	TW E	Complete Reconstruction - AC | 2" P-401, REWORK EXIST. 8" LIMEROCK BASE
2019	AP	Complete Reconstruction - PCC
2020	AP, TW F	New Construction - AC
	AP	Complete Reconstruction - PCC
	AP, AP S	New Construction - PCC
2021	TL T-HANG	New Construction - AC
2022	AP, TW C	Complete Reconstruction - AC | 4" P-401, 6" P-211
	TW C	New Construction - AC
	TW C	Complete Reconstruction - AC | Cold milling existing asphalt full depth 2", excavate 2" existing P-211, regrade existing P-211



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.

AIRFIELD PAVEMENT SYSTEM INVENTORY EXHIBIT

Statewide Airfield Pavement Management Program

NEW SMYRNA BEACH MUNICIPAL AIRPORT

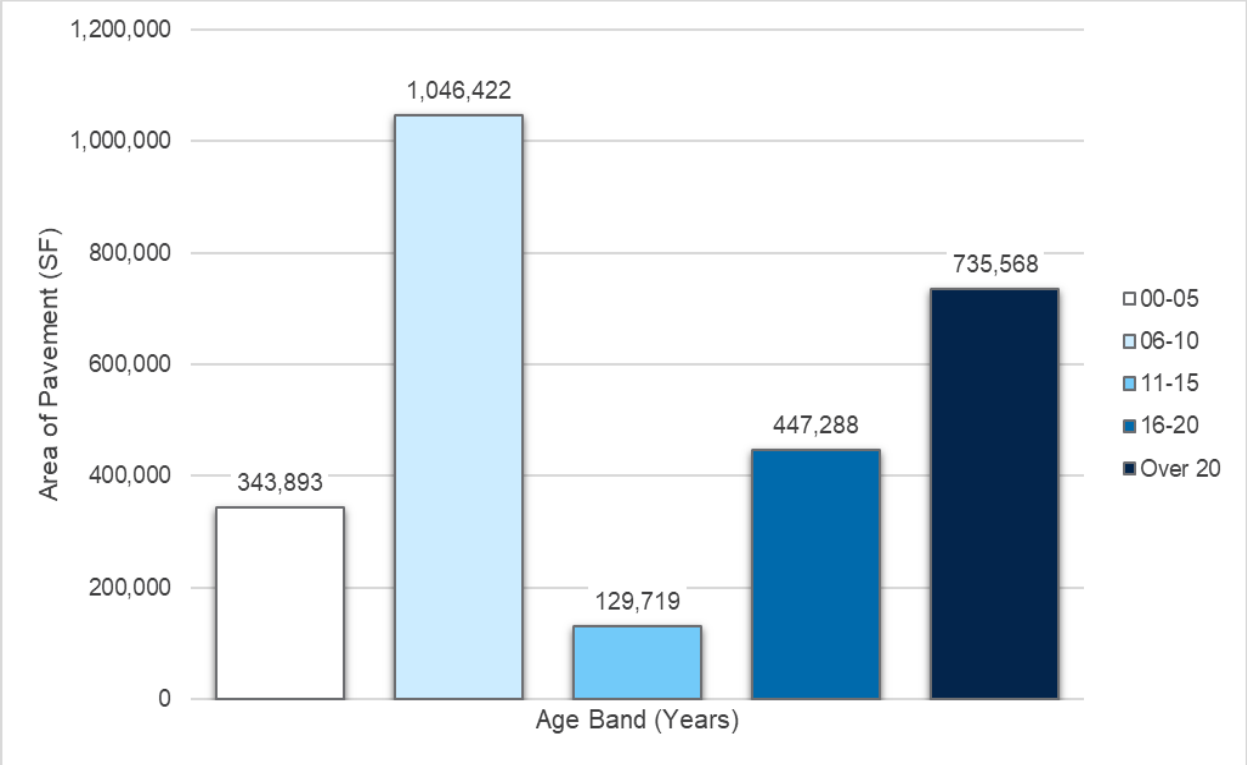
FDOT

2022

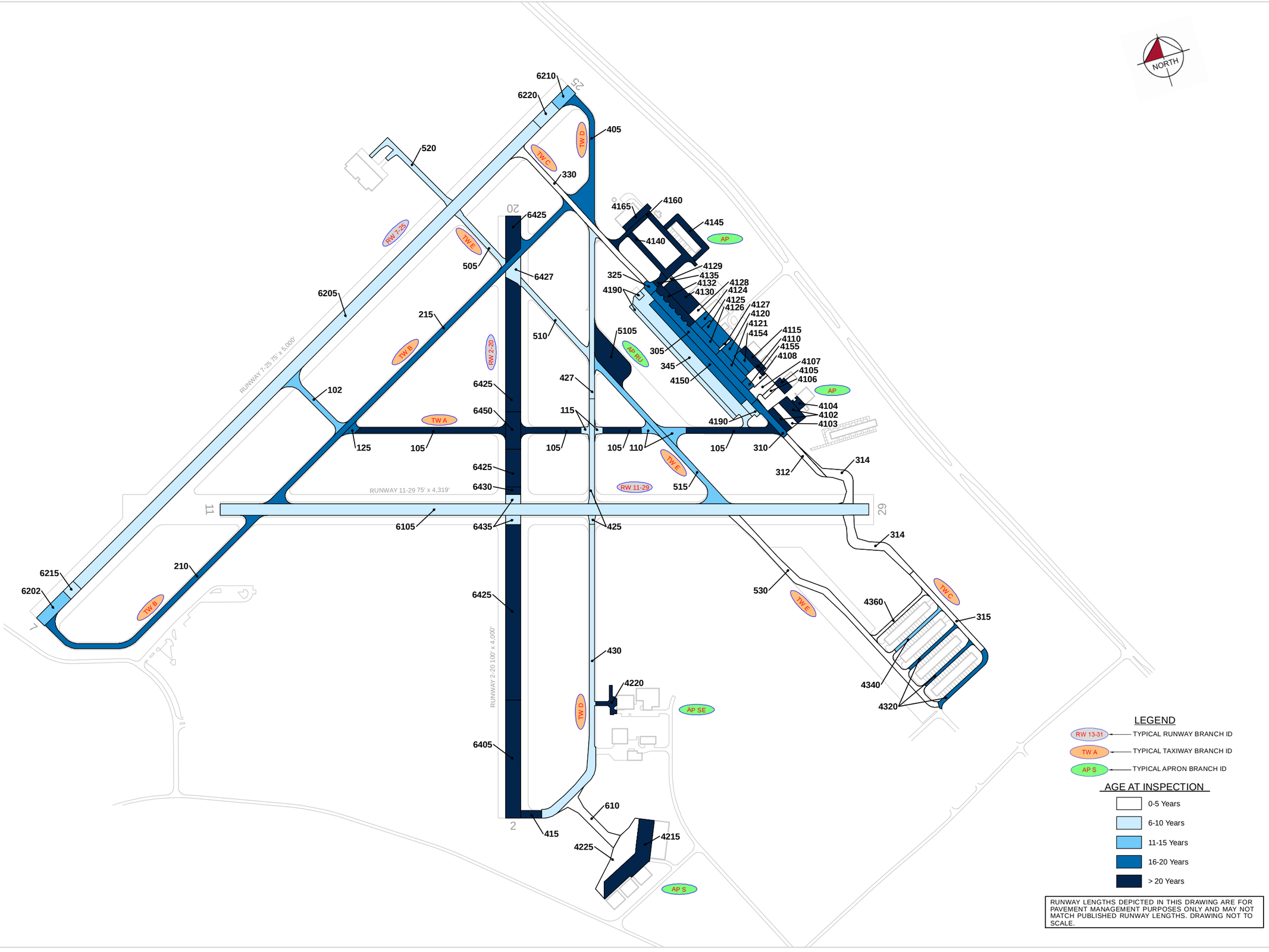
3.1.2 Estimated Pavement Age

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



EVB



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.

AIRFIELD PAVEMENT
ESTIMATED AGE EXHIBIT

Statewide Airfield Pavement Management Program

NEW SMYRNA BEACH MUNICIPAL AIRPORT

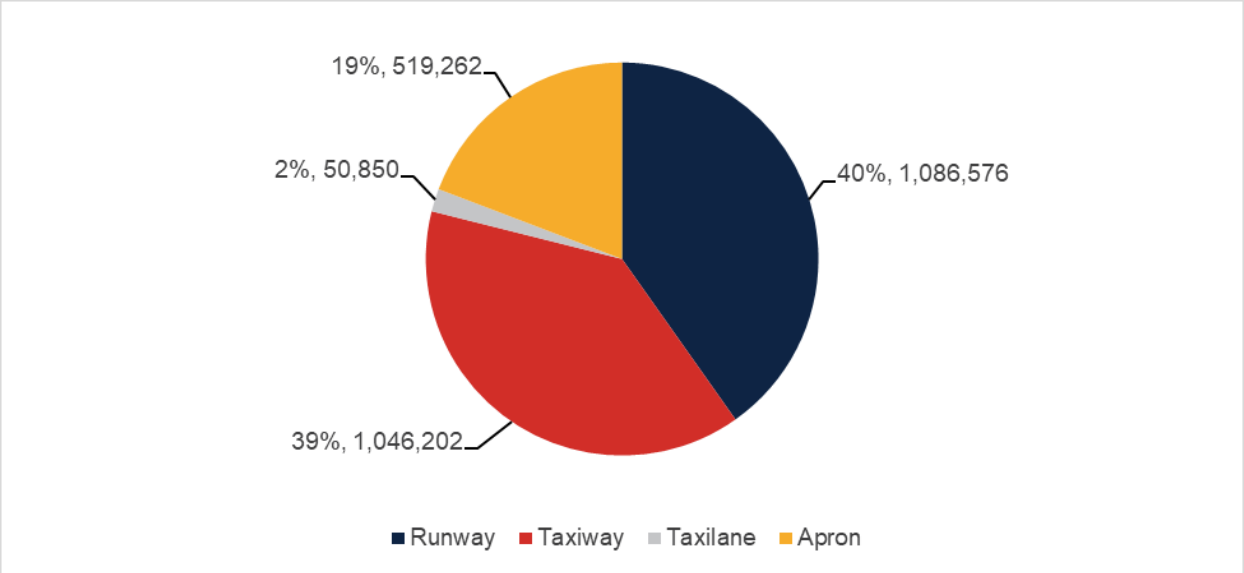
FDOT

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)

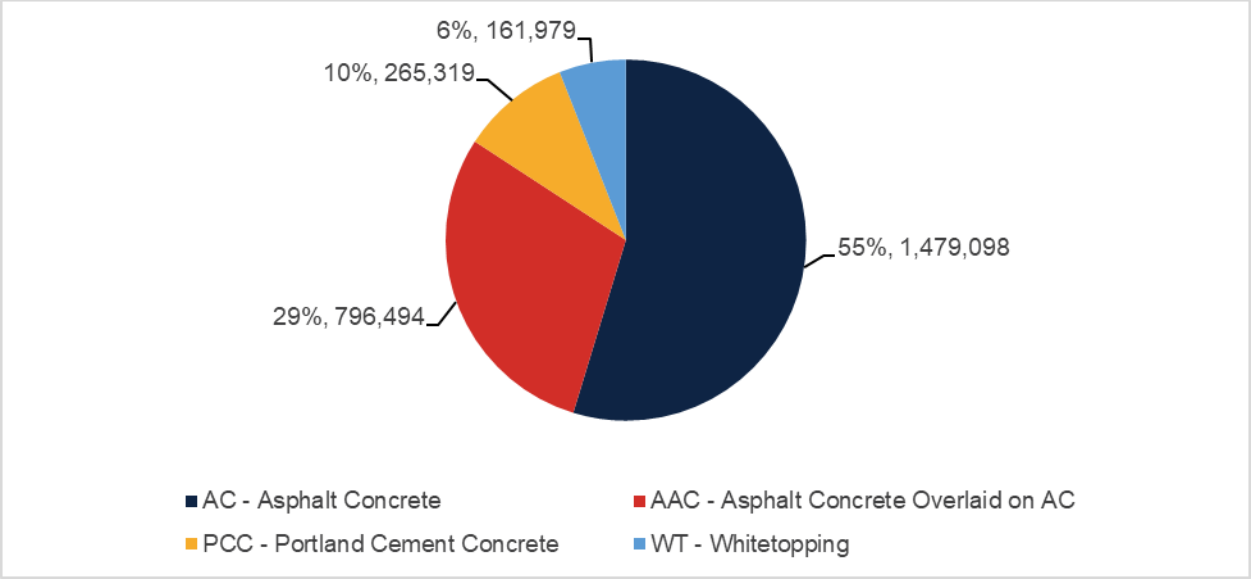


3.1.4 Pavement Surface Type

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). EVB is one of three airports participating in the FDOT SAPMP that also have one (1) uncommon type of composite pavement, known as Whitetopping (WT), consisting of PCC overlaid on AC.

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 EVB.

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.

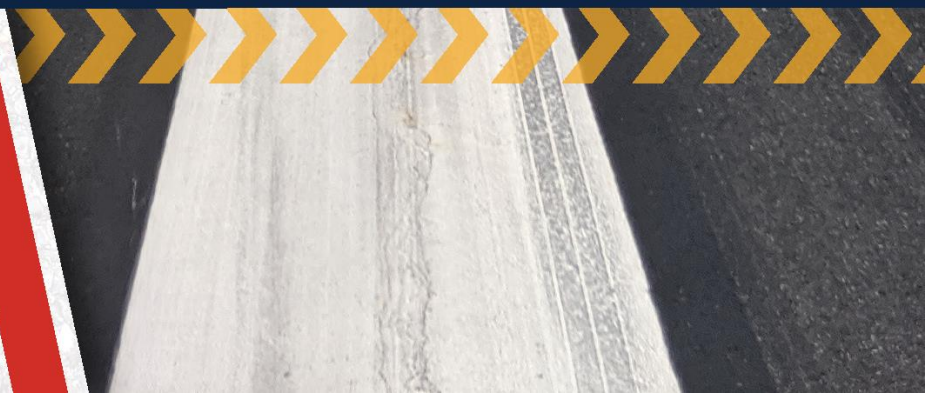
Table 3.1.5: Pavement System Inventory Details

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface Type	Estimate of Last Construction Date
EVB	RW 2-20	Runway	6405	78,400	AC	1/1/1943
EVB	RW 2-20	Runway	6425	254,789	AC	1/1/1943
EVB	RW 2-20	Runway	6427	11,862	AC	1/1/2014
EVB	RW 2-20	Runway	6430	5,000	AC	1/1/1977
EVB	RW 2-20	Runway	6435	12,472	AAC	1/1/2014
EVB	RW 2-20	Runway	6450	25,000	AC	1/1/1977
EVB	RW 7-25	Runway	6202	18,750	AAC	1/1/2008
EVB	RW 7-25	Runway	6205	324,750	AAC	1/1/2016

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface Type	Estimate of Last Construction Date
EVB	RW 7-25	Runway	6210	11,378	AAC	1/1/2008
EVB	RW 7-25	Runway	6215	7,125	AAC	1/1/2016
EVB	RW 7-25	Runway	6220	13,125	AAC	1/1/2016
EVB	RW 11-29	Runway	6105	323,925	AAC	1/1/2014
EVB	TW A	Taxiway	102	22,287	AC	1/1/2011
EVB	TW A	Taxiway	105	93,280	AC	1/1/1977
EVB	TW A	Taxiway	110	16,319	AC	7/1/2011
EVB	TW A	Taxiway	115	5,905	AC	1/1/2014
EVB	TW A	Taxiway	125	4,303	AC	1/1/2002
EVB	TW B	Taxiway	210	67,896	AC	1/1/2002
EVB	TW B	Taxiway	215	105,867	AC	1/1/2002
EVB	TW C	Taxiway	305	48,858	WT	1/1/2002
EVB	TW C	Taxiway	310	13,657	AC	1/1/2002
EVB	TW C	Taxiway	312	12,746	AC	4/1/2022
EVB	TW C	Taxiway	314	57,036	AC	4/1/2022
EVB	TW C	Taxiway	315	24,500	AC	4/1/2022
EVB	TW C	Taxiway	325	5,247	AC	1/1/2002
EVB	TW C	Taxiway	330	44,997	AC	4/1/2022
EVB	TW C	Taxiway	345	86,977	AC	1/1/2012
EVB	TW D	Taxiway	405	50,628	AC	1/1/2002
EVB	TW D	Taxiway	415	7,000	AC	1/1/1943
EVB	TW D	Taxiway	425	27,118	AC	1/1/2014
EVB	TW D	Taxiway	427	40,335	AC	1/1/2014
EVB	TW D	Taxiway	430	84,969	AAC	1/1/2016
EVB	TW E	Taxiway	505	17,197	AC	1/1/2014
EVB	TW E	Taxiway	510	24,594	AC	1/1/2014
EVB	TW E	Taxiway	515	52,494	AC	7/1/2011
EVB	TW E	Taxiway	520	27,412	AC	1/1/2014
EVB	TW E	Taxiway	530	76,505	AC	1/1/2018
EVB	TW F	Taxiway	610	28,075	AC	12/1/2020
EVB	TL T-HANG	Taxilane	4320	31,261	AC	1/1/2002
EVB	TL T-HANG	Taxilane	4340	8,491	AC	1/1/2010
EVB	TL T-HANG	Taxilane	4360	11,098	AC	3/1/2021
EVB	AP	Apron	4102	20,539	PCC	1/1/1984
EVB	AP	Apron	4103	9,336	AC	4/1/2022
EVB	AP	Apron	4104	3,872	AC	1/1/1984
EVB	AP	Apron	4105	6,440	PCC	1/1/1965
EVB	AP	Apron	4106	3,540	PCC	12/1/2020
EVB	AP	Apron	4107	12,117	AC	12/1/2020
EVB	AP	Apron	4108	8,757	PCC	12/1/2020
EVB	AP	Apron	4110	1,950	PCC	1/1/1980
EVB	AP	Apron	4115	8,775	PCC	1/1/1975
EVB	AP	Apron	4120	14,180	WT	1/1/2002
EVB	AP	Apron	4121	12,650	WT	1/1/2002
EVB	AP	Apron	4124	6,450	PCC	1/1/2002
EVB	AP	Apron	4125	24,143	WT	1/1/2002

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface Type	Estimate of Last Construction Date
EVB	AP	Apron	4126	12,548	WT	1/1/2002
EVB	AP	Apron	4127	1,560	PCC	1/1/2019
EVB	AP	Apron	4128	6,565	PCC	12/1/2020
EVB	AP	Apron	4129	2,070	PCC	12/1/2020
EVB	AP	Apron	4130	23,150	PCC	1/1/1997
EVB	AP	Apron	4132	17,074	PCC	1/1/1997
EVB	AP	Apron	4135	4,290	AC	1/1/1975
EVB	AP	Apron	4140	37,036	AC	1/1/1980
EVB	AP	Apron	4145	17,888	AC	1/1/1986
EVB	AP	Apron	4150	45,150	WT	1/1/2002
EVB	AP	Apron	4154	7,400	WT	1/1/2002
EVB	AP	Apron	4155	3,500	WT	1/1/2002
EVB	AP	Apron	4160	10,001	AC	1/1/1975
EVB	AP	Apron	4165	9,517	PCC	1/1/1991
EVB	AP	Apron	4190	38,656	PCC	1/1/2012
EVB	AP RU	Apron	5105	46,282	AC	1/1/1943
EVB	AP S	Apron	4215	56,450	PCC	1/1/1943
EVB	AP S	Apron	4225	44,991	PCC	12/1/2020
EVB	AP SE	Apron	4220	8,835	PCC	12/25/1999

Chapter 4: Airfield Pavement Condition Analysis



Chapter 4 – Airfield Pavement Condition Analysis

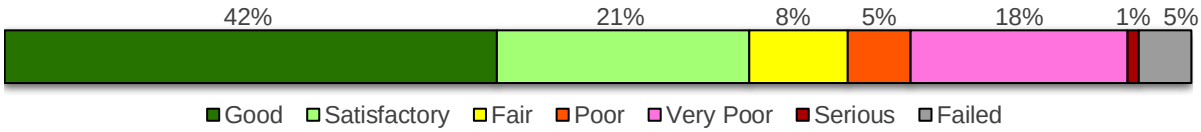
The Pavement Condition Index (PCI) provides insight to possible causes of deterioration to help support pavement maintenance and rehabilitation planning. Distress type, severity, and extent are required in the computation of a PCI value. The PCI method of pavement condition evaluation is strictly a visual 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. It should be noted that the condition information summarized in this chapter, unless specifically identified, excludes whitetopping pavement, as whitetopping is evaluated based on the PASER surface rating methodology as detailed in **Section 2.7 Airfield PASER Survey Methodology**.

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 63% of inspected pavements are in Good or Satisfactory condition. Presently, roughly 8% of inspected pavements are in Fair condition and the remaining 29% 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

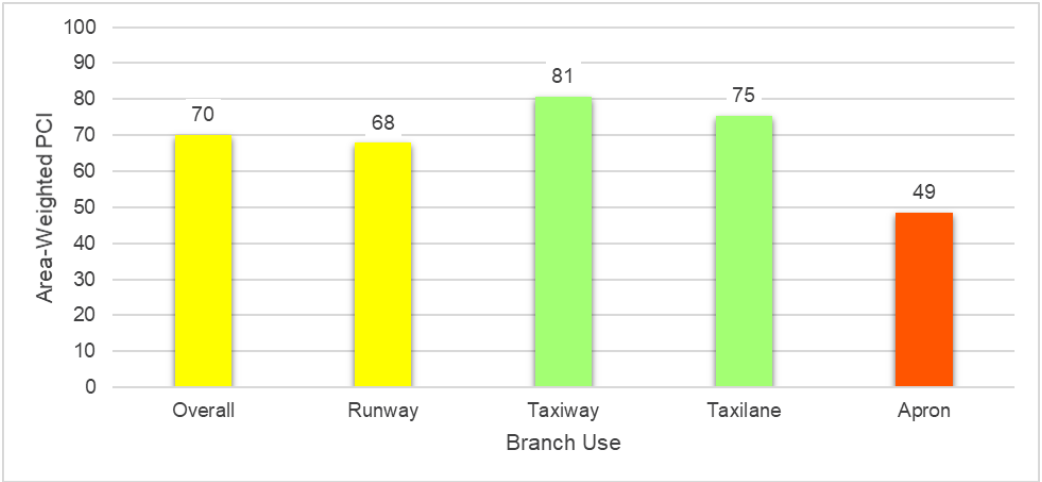


Figure 4.1.2 (b): Current Condition – Runway

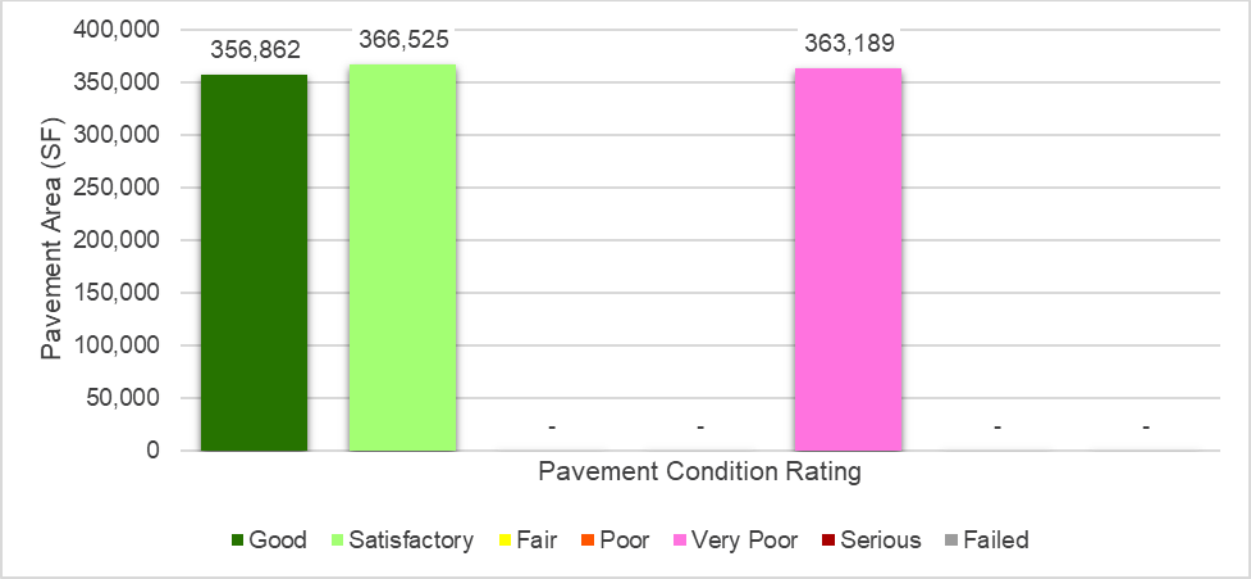


Figure 4.1.2 (c): Current Condition – Taxiway

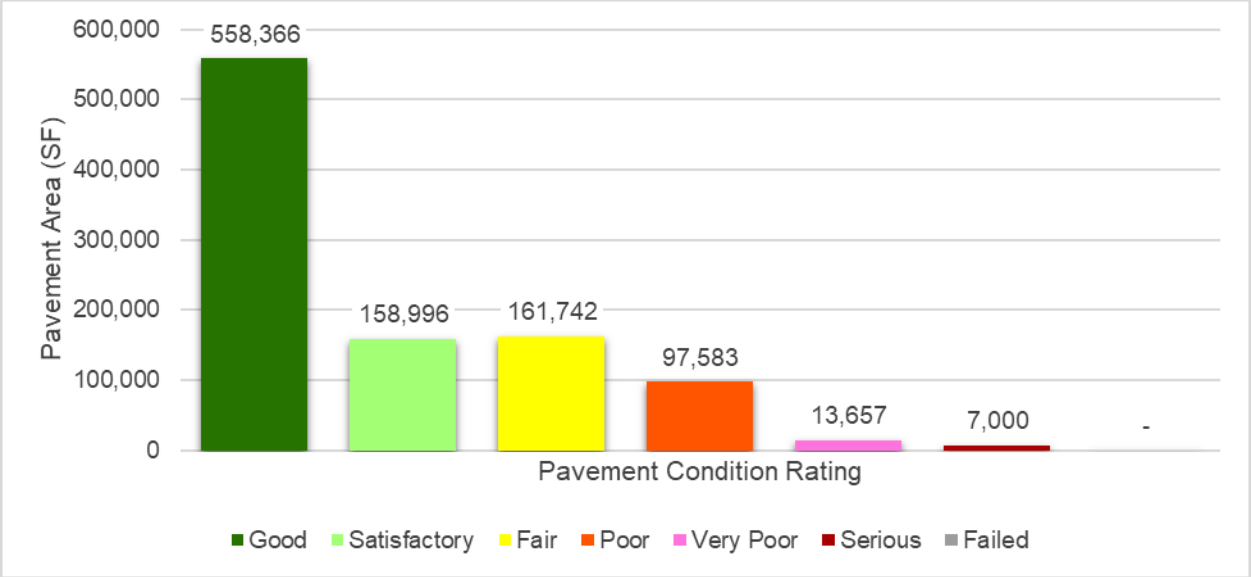


Figure 4.1.2 (d): Current Condition – Taxilane

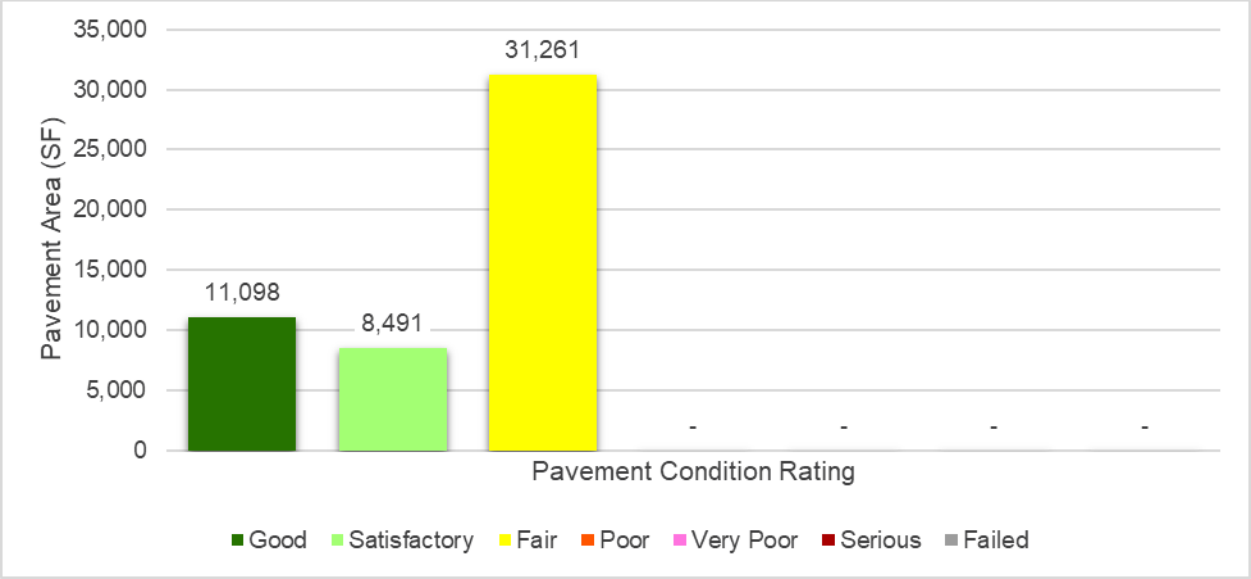


Figure 4.1.2 (e): Current Condition – Apron

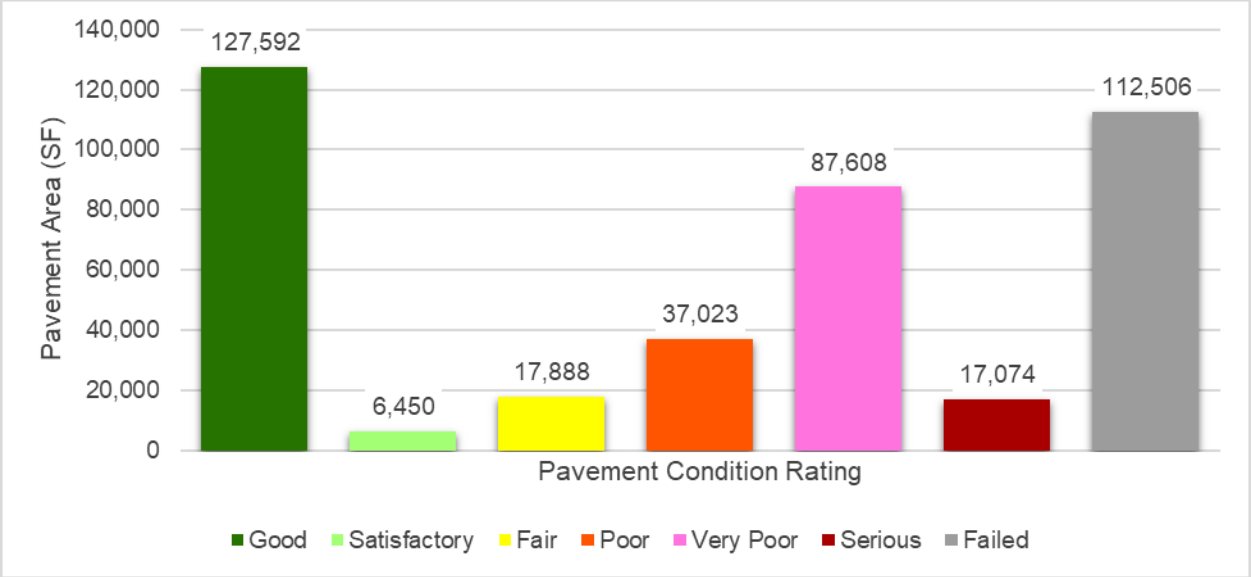


Table 4.1.2 details the branch-level condition for each airfield pavement branch.

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 2-20	Runway	6	387,523	37	Very Poor
RW 7-25	Runway	5	375,128	88	Good
RW 11-29	Runway	1	323,925	81	Satisfactory
TW A	Taxiway	5	142,094	61	Fair
TW B	Taxiway	2	173,763	68	Fair
TW C	Taxiway	7	245,160	90	Good
TW D	Taxiway	5	210,050	82	Satisfactory
TW E	Taxiway	5	198,202	90	Good
TW F	Taxiway	1	28,075	100	Good
TL T-HANG	Taxilane	3	50,850	75	Satisfactory
AP	Apron	21	249,583	53	Poor
AP RU	Apron	1	46,282	32	Very Poor
AP S	Apron	2	101,441	49	Poor
AP SE	Apron	1	8,835	1	Failed

4.1.3 Section-Level Analysis

Table 4.1.3 (a) 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 (a)** 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.

The results of the PASER surface rating for whitetopping pavements are presented separately in **Table 4.1.3 (b)** and **Figure 4.1.3 (b)**.

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

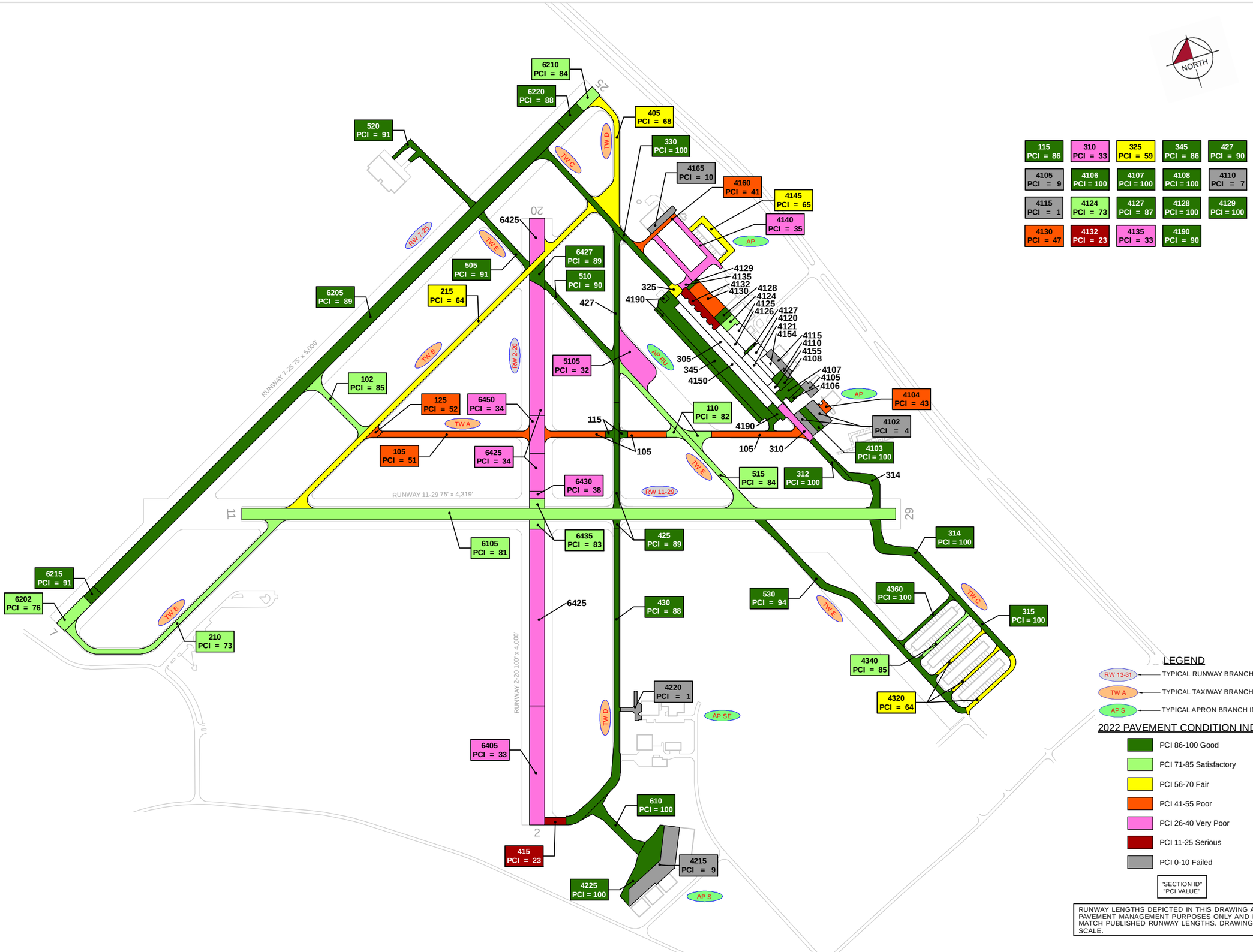
Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface	PCI	Condition Rating	PCI % Climate	PCI % Load	PCI % Other	Sample Units Inspected	Total Sample Units in Section
EVB	RW 2-20	Runway	6405	78,400	AC	33	Very Poor	74	23	3	5	16
EVB	RW 2-20	Runway	6425	254,789	AC	34	Very Poor	92	7	1	12	51
EVB	RW 2-20	Runway	6427	11,862	AC	89	Good	100	0	0	1	3
EVB	RW 2-20	Runway	6430	5,000	AC	38	Very Poor	100	0	0	1	1
EVB	RW 2-20	Runway	6435	12,472	AAC	83	Satisfactory	100	0	0	1	2
EVB	RW 2-20	Runway	6450	25,000	AC	34	Very Poor	100	0	0	2	5
EVB	RW 7-25	Runway	6202	18,750	AAC	76	Satisfactory	100	0	0	2	5
EVB	RW 7-25	Runway	6205	324,750	AAC	89	Good	94	0	6	18	86
EVB	RW 7-25	Runway	6210	11,378	AAC	84	Satisfactory	100	0	0	1	3
EVB	RW 7-25	Runway	6215	7,125	AAC	91	Good	100	0	0	1	2
EVB	RW 7-25	Runway	6220	13,125	AAC	88	Good	100	0	0	1	3
EVB	RW 11-29	Runway	6105	323,925	AAC	81	Satisfactory	96	0	4	18	86
EVB	TW A	Taxiway	102	22,287	AC	85	Satisfactory	100	0	0	1	5
EVB	TW A	Taxiway	105	93,280	AC	51	Poor	96	0	4	3	23
EVB	TW A	Taxiway	110	16,319	AC	82	Satisfactory	100	0	0	1	3
EVB	TW A	Taxiway	115	5,905	AC	86	Good	100	0	0	1	2
EVB	TW A	Taxiway	125	4,303	AC	52	Poor	97	0	3	1	1
EVB	TW B	Taxiway	210	67,896	AC	73	Satisfactory	100	0	0	3	18
EVB	TW B	Taxiway	215	105,867	AC	64	Fair	97	0	3	4	28
EVB	TW C	Taxiway	310	13,657	AC	33	Very Poor	87	0	13	1	3
EVB	TW C	Taxiway	312	12,746	AC	100	Good	0	0	0	0	0
EVB	TW C	Taxiway	314	57,036	AC	100	Good	0	0	0	0	0
EVB	TW C	Taxiway	315	24,500	AC	100	Good	0	0	0	0	0
EVB	TW C	Taxiway	325	5,247	AC	59	Fair	70	0	30	1	1
EVB	TW C	Taxiway	330	44,997	AC	100	Good	0	0	0	0	0
EVB	TW C	Taxiway	345	86,977	AC	86	Good	87	0	13	3	22
EVB	TW D	Taxiway	405	50,628	AC	68	Fair	100	0	0	3	11
EVB	TW D	Taxiway	415	7,000	AC	23	Serious	100	0	0	1	2
EVB	TW D	Taxiway	425	27,118	AC	89	Good	100	0	0	1	7
EVB	TW D	Taxiway	427	40,335	AC	90	Good	100	0	0	2	11
EVB	TW D	Taxiway	430	84,969	AAC	88	Good	100	0	0	3	21
EVB	TW E	Taxiway	505	17,197	AC	91	Good	100	0	0	1	5
EVB	TW E	Taxiway	510	24,594	AC	90	Good	100	0	0	1	7
EVB	TW E	Taxiway	515	52,494	AC	84	Satisfactory	100	0	0	2	13
EVB	TW E	Taxiway	520	27,412	AC	91	Good	100	0	0	1	8
EVB	TW E	Taxiway	530	76,505	AC	94	Good	100	0	0	2	14
EVB	TW F	Taxiway	610	28,075	AC	100	Good	0	0	0	0	0
EVB	TL T-HANG	Taxilane	4320	31,261	AC	64	Fair	100	0	0	2	7
EVB	TL T-HANG	Taxilane	4340	8,491	AC	85	Satisfactory	100	0	0	1	2
EVB	TL T-HANG	Taxilane	4360	11,098	AC	100	Good	0	0	0	0	0
EVB	AP	Apron	4102	20,539	PCC	4	Failed	6	80	14	1	4

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
EVB	AP	Apron	4103	9,336	AC	100	Good	0	0	0	0	0
EVB	AP	Apron	4104	3,872	AC	43	Poor	100	0	0	1	1
EVB	AP	Apron	4105	6,440	PCC	9	Failed	9	91	0	1	1
EVB	AP	Apron	4106	3,540	PCC	100	Good	0	0	0	0	0
EVB	AP	Apron	4107	12,117	AC	100	Good	0	0	0	0	0
EVB	AP	Apron	4108	8,757	PCC	100	Good	0	0	0	0	0
EVB	AP	Apron	4110	1,950	PCC	7	Failed	9	91	0	1	1
EVB	AP	Apron	4115	8,775	PCC	1	Failed	7	91	2	1	1
EVB	AP	Apron	4124	6,450	PCC	73	Satisfactory	38	41	21	1	2
EVB	AP	Apron	4127	1,560	PCC	87	Good	90	0	10	1	2
EVB	AP	Apron	4128	6,565	PCC	100	Good	0	0	0	0	0
EVB	AP	Apron	4129	2,070	PCC	100	Good	0	0	0	0	0
EVB	AP	Apron	4130	23,150	PCC	47	Poor	15	44	41	1	5
EVB	AP	Apron	4132	17,074	PCC	23	Serious	11	72	17	1	5
EVB	AP	Apron	4135	4,290	AC	33	Very Poor	76	21	3	1	1
EVB	AP	Apron	4140	37,036	AC	35	Very Poor	100	0	0	2	9
EVB	AP	Apron	4145	17,888	AC	65	Fair	100	0	0	1	4
EVB	AP	Apron	4160	10,001	AC	41	Poor	92	0	8	1	2
EVB	AP	Apron	4165	9,517	PCC	10	Failed	0	52	48	1	1
EVB	AP	Apron	4190	38,656	PCC	90	Good	18	0	82	3	10
EVB	AP RU	Apron	5105	46,282	AC	32	Very Poor	100	0	0	1	10
EVB	AP S	Apron	4215	56,450	PCC	9	Failed	6	76	18	2	7
EVB	AP S	Apron	4225	44,991	PCC	100	Good	0	0	0	0	0
EVB	AP SE	Apron	4220	8,835	PCC	1	Failed	6	92	2	2	2

** 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.*

Table 4.1.3 (b): Latest PASER Surface Rating – Section Level - Whitetopping Pavements

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface	PASER Value	Surface Rating	Sample Units Inspected	Total Sample Units in Section
EVB	TW C	Taxiway	305	48,858	WT	4	Good	2	10
EVB	AP	Apron	4120	14,180	WT	2	Poor	1	3
EVB	AP	Apron	4121	12,650	WT	2	Poor	1	2
EVB	AP	Apron	4125	17,693	WT	3	Fair	1	3
EVB	AP	Apron	4126	12,548	WT	3	Fair	1	3
EVB	AP	Apron	4150	45,150	WT	3	Fair	2	9
EVB	AP	Apron	4154	7,400	WT	4	Good	1	2
EVB	AP	Apron	4155	3,500	WT	3	Fair	1	1



EVB

AIRFIELD PAVEMENT CONDITION INDEX EXHIBIT

Statewide Airfield Pavement Management Program

NEW SMYRNA BEACH MUNICIPAL AIRPORT

FDOT

2022

EVB

AIRFIELD PASER SURFACE RATING EXHIBIT - WHITETOPPING

Statewide Airfield Pavement Management Program

NEW SMYRNA BEACH MUNICIPAL AIRPORT

FDOT

2022

NORTH

AP

TW C

TW C

4125

4120

4154

4126

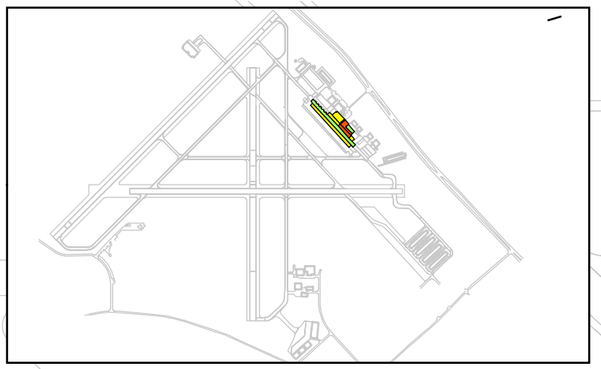
4121

4155

305

4150

INSET MAP



2022 PASER RATING (WHITETOPPING PAVEMENT)

- PASER 5 - Excellent
- PASER 4 - Good
- PASER 3 - Fair
- PASER 2 - Poor
- PASER 1 - Failed

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

4.2 Summary of Pavement Condition Evaluation Results

4.2.1 Network-Level Observations

The PCI assessment for New Smyrna Beach Municipal Airport (EVB) was performed in January 2022. The overall area-weighted average PCI value of the network was 70, representing a condition rating of Fair. A portion of the airfield pavement was not inspected due to recent construction in 2020, 2021, and 2022. These areas include portions of Taxiway C, the main Apron, South Apron, Taxiway F, and the T-Hangar Taxilanes between Taxiway C and E.

Based on the FAA 5010 Report as of 11/14/2022, the Airport has reported 130,986 operations for 12 months ending 8/14/2018.

4.2.2 Branch-Level Observations

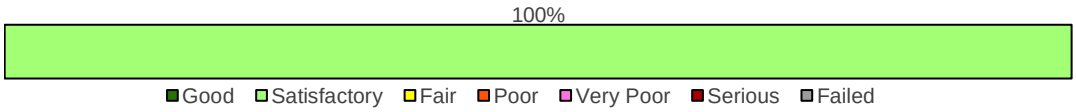
The following branch-level observations are a summary of select pavement facilities identified during the PCI assessment, including a discussion of general conditions and branch characteristics. The summary may not include all branches and/or sections within the Airport's airfield pavement network. Representative 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 11-29

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
RW 11-29	RUNWAY	1	323,925	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: 100% Satisfactory (71-85 PCI).



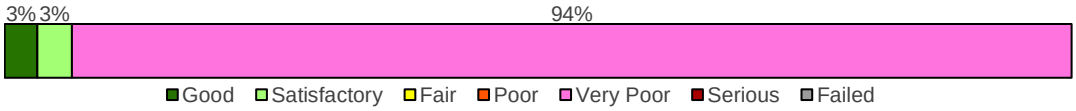
Section ID	Surface Type	Section Area (SF)	PCI	Condition Rating
6105	AAC	323,925	81	Satisfactory

RW 11-29 consists of 1 flexible pavement section, totaling 323,925 sf. The last major construction date for the branch was 2014, resulting in an area-weighted average age at inspection of 8 years old. Overall, RW 11-29 is in Satisfactory condition with an area-weighted average PCI of 81.

RW 2-20

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
RW 2-20	RUNWAY	6	387,523	37	Very 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: 3% Good (86-100 PCI), 3% Satisfactory (71-85 PCI), 94% Very Poor (26-40 PCI).



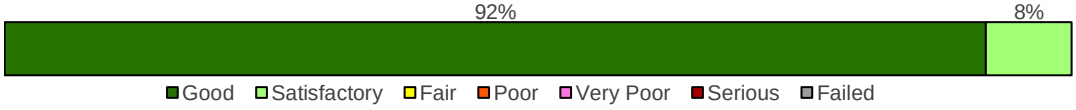
Section ID	Surface Type	Section Area (SF)	PCI	Condition Rating
6405	AC	78,400	33	Very Poor
6425	AC	254,789	34	Very Poor
6427	AC	11,862	89	Good
6430	AC	5,000	38	Very Poor
6435	AAC	12,472	83	Satisfactory
6450	AC	25,000	34	Very Poor

RW 2-20 consists of 6 flexible pavement sections, totaling 387,523 sf. The last major construction dates range from 1943 to 2014, resulting in an area-weighted average age at inspection of 72 years old. Overall, RW 2-20 is in Very Poor condition with an area-weighted average PCI of 37.

RW 7-25

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
RW 7-25	RUNWAY	5	375,128	88	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: 92% Good (86-100 PCI), 8% Satisfactory (71-85 PCI).



Section ID	Surface Type	Section Area (SF)	PCI	Condition Rating
6202	AAC	18,750	76	Satisfactory
6205	AAC	324,750	89	Good
6210	AAC	11,378	84	Satisfactory
6215	AAC	7,125	91	Good
6220	AAC	13,125	88	Good

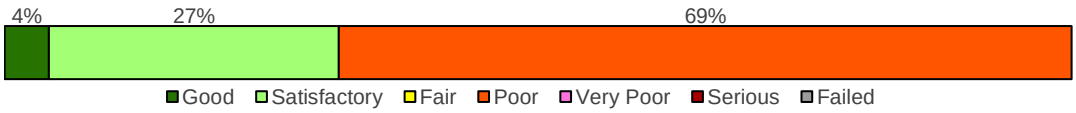
RW 7-25 consists of 5 flexible pavement sections, totaling 375,128 sf. The last major construction dates range from 2008 to 2016, resulting in an area-weighted average age at inspection of 7 years old. Overall, RW 7-25 is in Good condition with an area-weighted average PCI of 88.

Taxiways

TW A

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW A	TAXIWAY	5	142,094	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: 4% Good (86-100 PCI), 27% Satisfactory (71-85 PCI), 69% Poor (41-55 PCI).



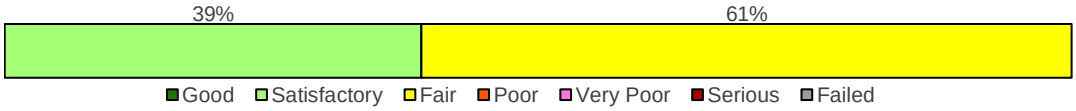
Section ID	Surface Type	Section Area (SF)	PCI	Condition Rating
102	AC	22,287	85	Satisfactory
105	AC	93,280	51	Poor
110	AC	16,319	82	Satisfactory
115	AC	5,905	86	Good
125	AC	4,303	52	Poor

TW A consists of 5 flexible pavement sections, totaling 142,094 sf. The last major construction dates range from 1977 to 2014, resulting in an area-weighted average age at inspection of 33 years old. Overall, TW A is in Fair condition with an area-weighted average PCI of 61.

TW B

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW B	TAXIWAY	2	173,763	68	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: 39% Satisfactory (71-85 PCI), 61% Fair (56-70 PCI).



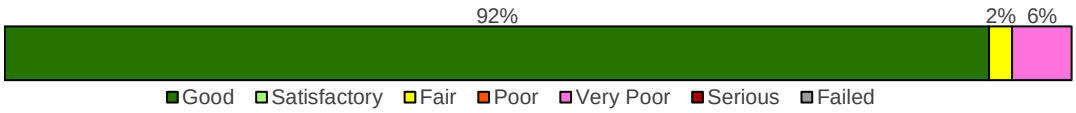
Section ID	Surface Type	Section Area (SF)	PCI	Condition Rating
210	AC	67,896	73	Satisfactory
215	AC	105,867	64	Fair

TW B consists of 2 flexible pavement sections, totaling 173,763 sf. The last major construction date for the branch was 2002, resulting in an area-weighted average age at inspection of 20 years old. Overall, TW B is in Fair condition with an area-weighted average PCI of 68.

TW C

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW C	TAXIWAY	7	245,160	90	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: 92% Good (86-100 PCI), 2% Fair (56-70 PCI), 6% Very Poor (26-40 PCI).



Section ID	Surface Type	Section Area (SF)	PCI	Condition Rating
310	AC	13,657	33	Very Poor
312	AC	12,746	100	Good
314	AC	57,036	100	Good
315	AC	24,500	100	Good
325	AC	5,247	59	Fair
330	AC	44,997	100	Good
345	AC	86,977	86	Good

TW C consists of 7 flexible pavement sections, totaling 245,160 sf. The last major construction dates range from 2002 to 2022, resulting in an area-weighted average age at inspection of 5 years old. Overall, TW C is in Good condition with an area-weighted average PCI of 90.

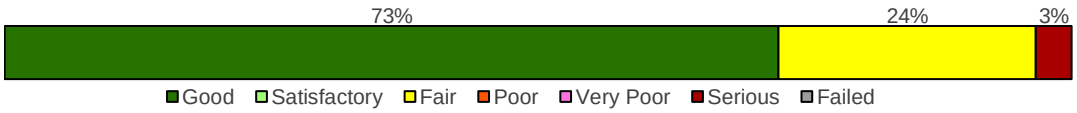
Section ID	Surface Type	Section Area (SF)	PASER Value	Surface Rating
305	WT	48,858	4	Good

TW C whitetopping pavement consists of 1 whitetopping concrete overlay pavement section, totaling 48,858 sf. The last major construction date for the whitetopping section was 2002, resulting in an age of 20 years old. Overall, TW C whitetopping pavement is in Good condition with a PASER value of 4 (out of 5).

TW D

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW D	TAXIWAY	5	210,050	82	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: 73% Good (86-100 PCI), 24% Fair (56-70 PCI), 3% Serious (11-25 PCI).



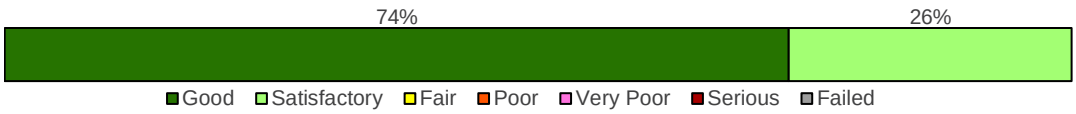
Section ID	Surface Type	Section Area (SF)	PCI	Condition Rating
405	AC	50,628	68	Fair
415	AC	7,000	23	Serious
425	AC	27,118	89	Good
427	AC	40,335	90	Good
430	AAC	84,969	88	Good

TW D consists of 5 flexible pavement sections, totaling 210,050 sf. The last major construction dates range from 1943 to 2016, resulting in an area-weighted average age at inspection of 13 years old. Overall, TW D is in Satisfactory condition with an area-weighted average PCI of 82.

TW E

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
TW E	TAXIWAY	5	198,202	90	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: 74% Good (86-100 PCI), 26% Satisfactory (71-85 PCI).



Section ID	Surface Type	Section Area (SF)	PCI	Condition Rating
505	AC	17,197	91	Good
510	AC	24,594	90	Good
515	AC	52,494	84	Satisfactory
520	AC	27,412	91	Good
530	AC	76,505	94	Good

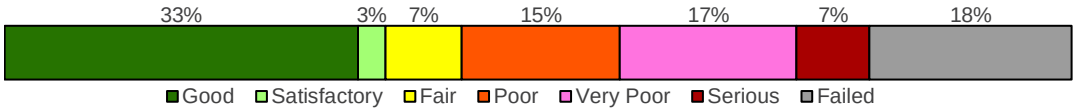
TW E consists of 5 flexible pavement sections, totaling 198,202 sf. The last major construction dates range from 2011 to 2018, resulting in an area-weighted average age at inspection of 7 years old. Overall, TW E is in Good condition with an area-weighted average PCI of 90.

Aprons

AP

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
AP	APRON	21	249,583	53	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: 33% Good (86-100 PCI), 3% Satisfactory (71-85 PCI), 7% Fair (56-70 PCI), 15% Poor (41-55 PCI), 17% Very Poor (26-40 PCI), 7% Serious (11-25 PCI), 18% Failed (0-10 PCI).



Section ID	Surface Type	Section Area (SF)	PCI	Condition Rating
4102	PCC	20,539	4	Failed
4103	AC	9,336	100	Good
4104	AC	3,872	43	Poor
4105	PCC	6,440	9	Failed
4106	PCC	3,540	100	Good
4107	AC	12,117	100	Good
4108	PCC	8,757	100	Good
4110	PCC	1,950	7	Failed
4115	PCC	8,775	1	Failed
4124	PCC	6,450	73	Satisfactory
4127	PCC	1,560	87	Good
4128	PCC	6,565	100	Good
4129	PCC	2,070	100	Good
4130	PCC	23,150	47	Poor
4132	PCC	17,074	23	Serious
4135	AC	4,290	33	Very Poor
4140	AC	37,036	35	Very Poor
4145	AC	17,888	65	Fair
4160	AC	10,001	41	Poor
4165	PCC	9,517	10	Failed
4190	PCC	38,656	90	Good

AP consists of 7 flexible and 14 rigid pavement sections, totaling 249,583 sf. The last major construction dates range from 1965 to 2022, resulting in an area-weighted average age at inspection of 26 years old. Overall, AP is in Poor condition with an area-weighted average PCI of 53.

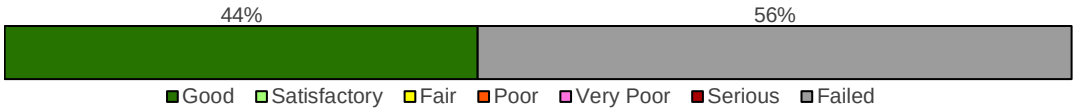
Section ID	Surface Type	Section Area (SF)	PASER Value	Surface Rating
4120	WT	14,180	2	Poor
4121	WT	12,650	2	Poor
4125	WT	24,143	3	Fair
4126	WT	12,548	3	Fair
4150	WT	45,150	3	Fair
4154	WT	7,400	4	Good
4155	WT	3,500	3	Fair

AP whitetopping pavement consists of 7 whitetopping concrete overlay pavement sections, totaling 131,121 sf. The last major construction date for the whitetopping sections was 2002, resulting in an area-weighted average age of 20 years old. Overall, AP Whitetopping pavement is in Fair condition with an area-weighted average PASER value of 3 (out of 5).

AP S

Branch ID	Branch Use	Number of Sections	Branch Area (SF)	Branch Area-Weighted Avg PCI	Branch Condition Rating
AP S	APRON	2	101,441	49	Poor

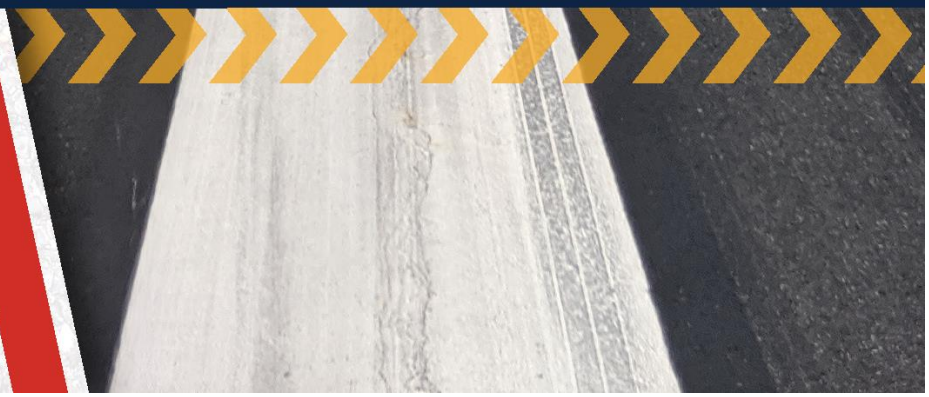
The following bar graph shows proportional distribution (as % of area within branch) of condition categories among sections within the branch. Given the individual section data shown in the subsequent table, the distribution is as follows: 44% Good (86-100 PCI), 56% Failed (0-10 PCI).



Section ID	Surface Type	Section Area (SF)	PCI	Condition Rating
4215	PCC	56,450	9	Failed
4225	PCC	44,991	100	Good

AP S consists of 2 rigid pavement sections, totaling 101,441 sf. The last major construction dates range from 1943 to 2020, resulting in an area-weighted average age at inspection of 44 years old. Overall, AP S is in Poor condition with an area-weighted average PCI of 49.

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 for airfield pavements not including whitetopping pavements.

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.

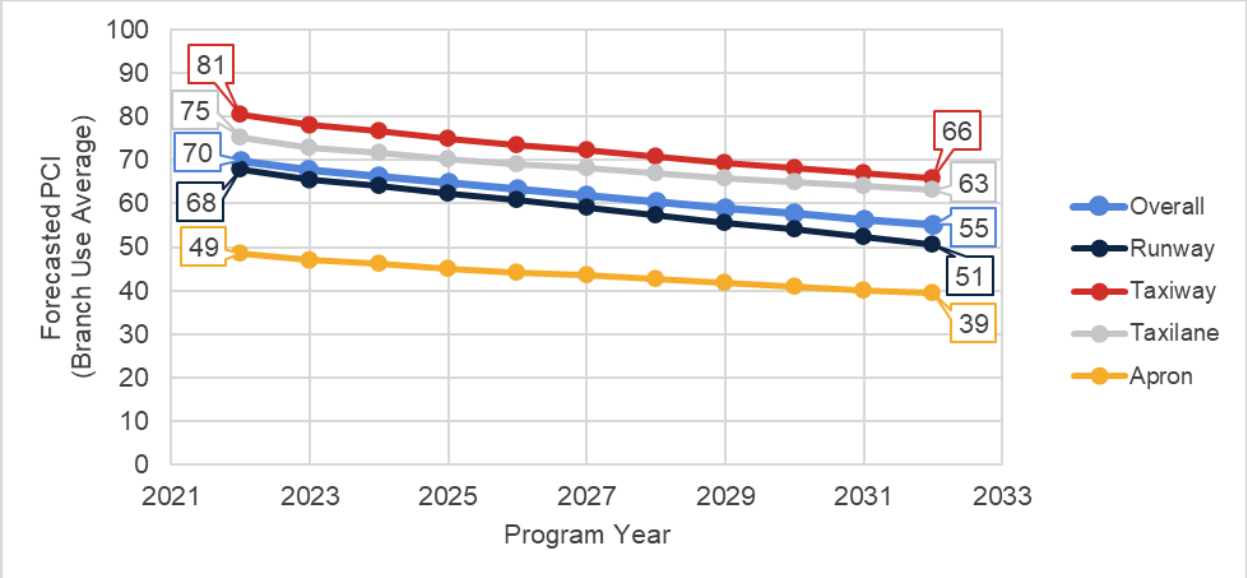
5.2.2 Performance Models

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
EVB	RW 2-20	6405	33	32	31	30	29	27	26	25	24	23	22
EVB	RW 2-20	6425	34	33	32	31	30	29	28	27	25	24	23
EVB	RW 2-20	6427	89	87	85	83	81	80	78	76	75	73	71
EVB	RW 2-20	6430	38	38	37	37	36	36	35	35	34	33	32
EVB	RW 2-20	6435	83	80	78	76	74	72	71	69	67	65	63
EVB	RW 2-20	6450	34	33	32	31	30	29	28	27	25	24	23
EVB	RW 7-25	6202	76	73	71	69	67	65	64	62	60	58	56
EVB	RW 7-25	6205	89	86	84	82	80	78	77	75	73	71	69
EVB	RW 7-25	6210	84	81	79	77	75	73	72	70	68	66	64
EVB	RW 7-25	6215	91	88	86	84	82	80	79	77	75	73	71
EVB	RW 7-25	6220	88	85	83	81	79	77	76	74	72	70	68
EVB	RW 11-29	6105	81	78	76	74	72	70	69	67	65	63	61
EVB	TW A	102	85	82	81	79	77	76	74	73	72	70	69
EVB	TW A	105	51	50	50	50	49	49	48	48	47	47	46
EVB	TW A	110	82	80	78	76	75	73	72	71	70	68	67
EVB	TW A	115	86	83	82	80	78	77	75	74	72	71	70
EVB	TW A	125	52	51	51	51	50	50	49	49	48	48	47
EVB	TW B	210	73	71	70	69	68	66	65	64	64	63	62
EVB	TW B	215	64	63	62	61	60	60	59	58	58	57	56
EVB	TW C	310	33	31	30	28	27	25	24	22	20	19	17
EVB	TW C	312	100	97	95	92	90	88	86	84	82	81	79
EVB	TW C	314	100	97	95	92	90	88	86	84	82	81	79
EVB	TW C	315	100	97	95	92	90	88	86	84	82	81	79
EVB	TW C	325	59	58	57	57	56	56	55	55	54	54	53
EVB	TW C	330	100	97	95	92	90	88	86	84	82	81	79
EVB	TW C	345	86	83	82	80	78	77	75	74	72	71	70
EVB	TW D	405	68	66	65	64	64	63	62	61	60	60	59
EVB	TW D	415	23	21	19	17	15	13	11	9	8	6	4
EVB	TW D	425	89	86	84	82	81	79	77	76	74	73	72
EVB	TW D	427	90	87	85	83	81	80	78	77	75	74	72
EVB	TW D	430	88	85	83	81	80	78	76	75	74	72	71
EVB	TW E	505	91	88	86	84	82	81	79	77	76	74	73
EVB	TW E	510	90	87	85	83	81	80	78	77	75	74	72
EVB	TW E	515	84	81	80	78	77	75	74	72	71	70	69
EVB	TW E	520	91	88	86	84	82	81	79	77	76	74	73
EVB	TW E	530	94	91	89	87	85	83	81	79	78	76	75
EVB	TW F	610	100	94	92	89	87	85	84	82	80	78	77
EVB	TL T-HANG	4320	64	63	62	61	60	60	59	58	58	57	56
EVB	TL T-HANG	4340	85	82	81	79	77	76	74	73	72	70	69

Network ID	Branch ID	Section ID	Current PCI	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
EVB	TL T-HANG	4360	100	94	92	90	88	86	84	82	80	79	77
EVB	AP	4102	4	3	2	1	0	0	0	0	0	0	0
EVB	AP	4103	100	97	94	92	90	88	85	83	81	79	78
EVB	AP	4104	43	42	42	41	41	41	40	40	39	39	39
EVB	AP	4105	9	8	7	6	5	4	3	2	1	0	0
EVB	AP	4106	100	98	97	96	95	94	93	92	91	90	89
EVB	AP	4107	100	94	91	89	87	85	83	81	79	77	75
EVB	AP	4108	100	98	97	96	95	94	93	92	91	90	89
EVB	AP	4110	7	6	5	4	3	2	1	0	0	0	0
EVB	AP	4115	1	0	0	0	0	0	0	0	0	0	0
EVB	AP	4124	73	71	70	68	67	66	64	63	62	60	59
EVB	AP	4127	87	86	85	84	83	82	81	80	79	78	77
EVB	AP	4128	100	98	97	96	95	94	93	92	91	90	89
EVB	AP	4129	100	98	97	96	95	94	93	92	91	90	89
EVB	AP	4130	47	46	45	44	43	42	41	40	39	38	37
EVB	AP	4132	23	22	21	20	19	18	17	16	15	14	13
EVB	AP	4135	33	32	32	31	30	30	29	28	28	27	26
EVB	AP	4140	35	34	34	33	33	32	32	31	31	30	29
EVB	AP	4145	65	63	62	61	59	58	57	56	55	54	53
EVB	AP	4160	41	40	40	40	39	39	38	38	38	37	37
EVB	AP	4165	10	9	8	7	6	5	4	3	2	1	0
EVB	AP	4190	90	89	88	87	86	85	84	83	82	81	80
EVB	AP RU	5105	32	31	31	30	29	29	28	27	26	26	25
EVB	AP S	4215	9	8	7	6	5	4	3	2	1	0	0
EVB	AP S	4225	100	98	97	96	95	94	93	92	91	90	89
EVB	AP SE	4220	1	0	0	0	0	0	0	0	0	0	0

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

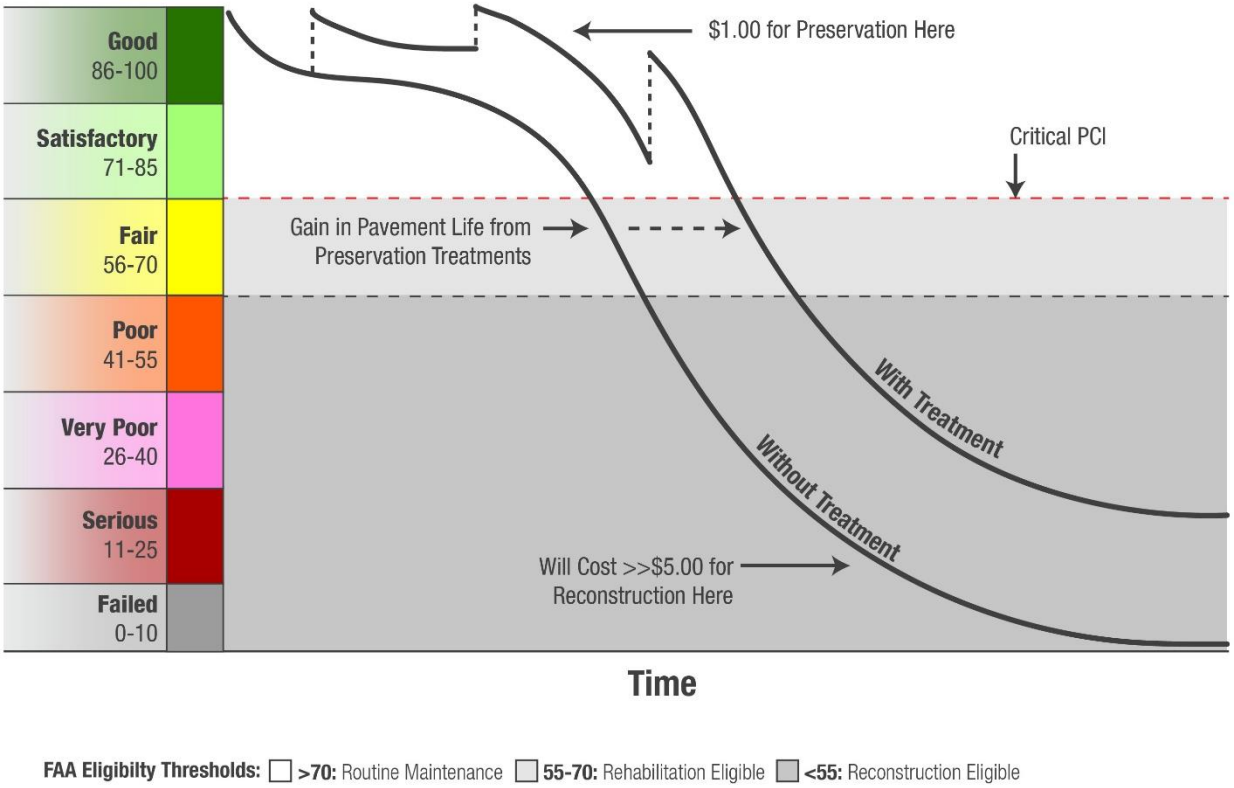


**Figure is for conceptual purposes only – unit costs are not specific to airfield pavements.*

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

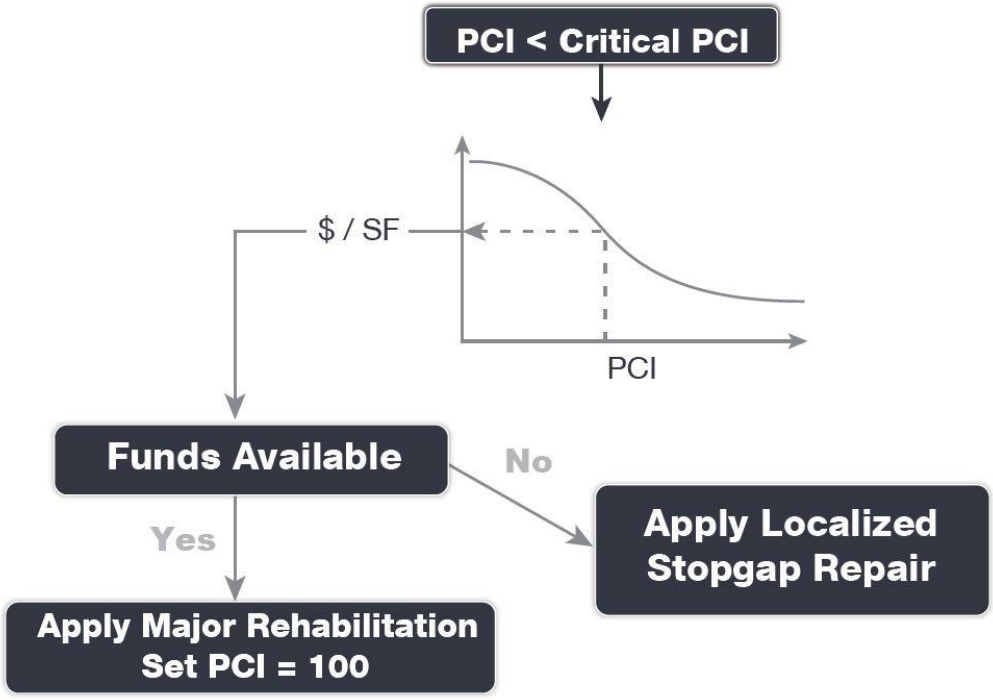
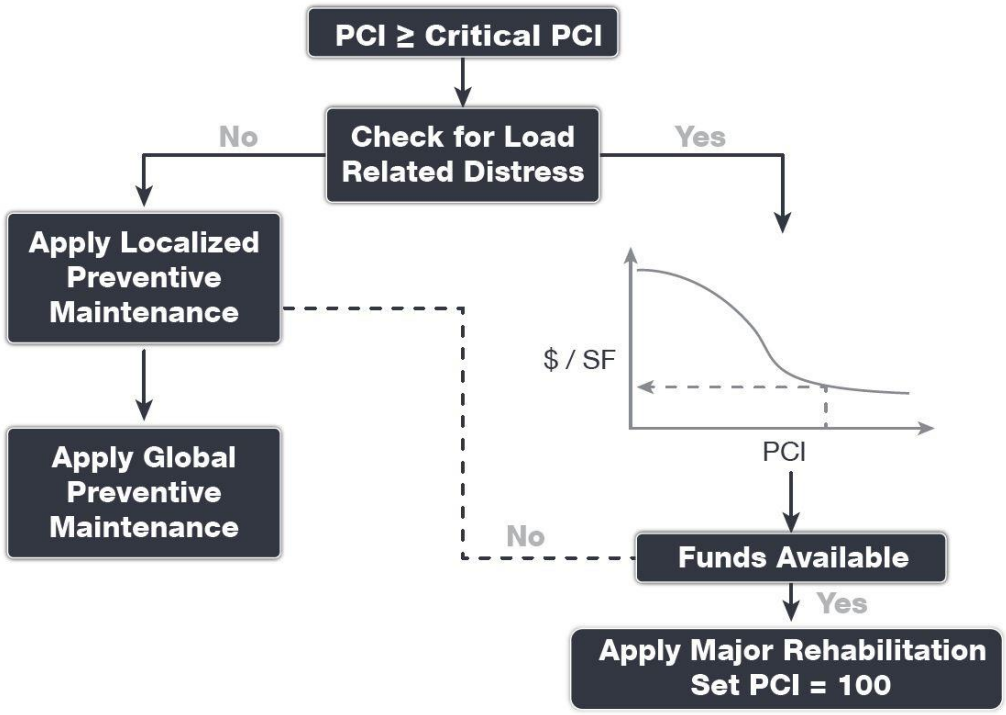


Figure 5.3 (c): Major Rehabilitation Planning Decision Diagram, PCI ≥ Critical PCI



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.

For planning-level maintenance and repair consideration, concrete overlays should be treated like a rigid pavement section composed of portland cement concrete. However, no planning-level recommendations with estimated maintenance and repair quantities for whitetopping pavements will be provided herein.

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	General Aviation Costs	Work Type Unit
AC Crack Sealing	$ 4.00	LF
AC Full-Depth Patching	$ 10.00	SF
AC Partial-Depth Patching	$ 4.75	SF
Surface Seal	$ 0.75	SF

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

Localized Work Type	General Aviation Costs	Work Type Unit
Grinding	$ 2.00	SF
PCC Crack Sealing	$ 7.00	LF
PCC Joint Seal	$ 4.25	LF
PCC Full-Depth Patching	$ 50.00	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

Distress	Severity	Description	AC Preventive Work Type	AC Stopgap Work Type
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
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

Distress	Severity	Description	PCC Preventive Work Type	PCC Stopgap Work Type
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
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, or a PASER value to 5, and the pavement age to zero. Typical policies include full- and partial-depth reconstruction and mill and overlay. Policies and recommendations related to the whitetopping pavement will be presented in **Section 6.2.2 Major Rehabilitation Needs – Whitetopping Pavements**.

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 General Aviation 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	General Aviation 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 (6")
	Prime Coat
	Tack Coat
	P-401 Surface Course (3")
	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 (3")
	Tack Coat
	P-401 Surface Course (3")
	Excludes any paved shoulder features
PCC Reconstruction	
Full-depth rigid pavement section reconstruction. **PCI < 55**	Pavement Removal
	Unclassified Excavation
	Subgrade Stabilization (6")
	Limerock Base Course (6")
	P-501 PCC Pavement (8")
	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

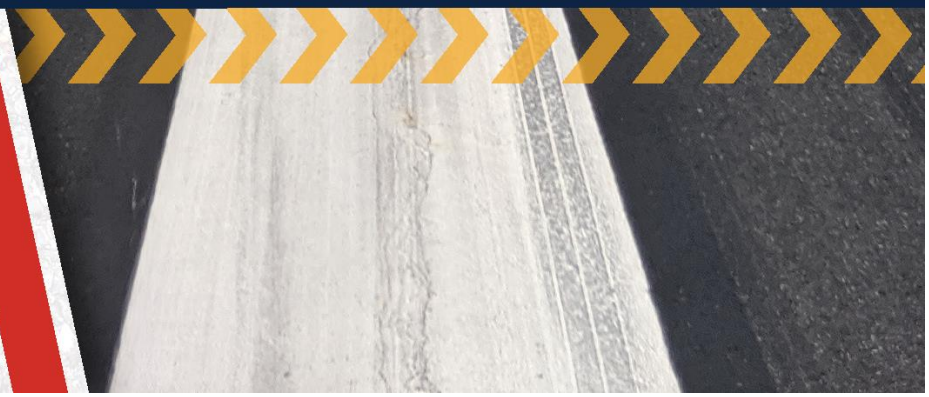
Planning-level opinions of probable construction cost developed for this System Update are based on archived bid tabulations and records from airfield pavement projects provided by participating airports. A review of cost trends and cost factors have been incorporated to assist airports in planning for 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: GA 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	$9.00	$15.00
Reconstruction	0 to 55	$16.00	$29.00

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	$ 87,910
Stopgap	$ 1,079,290
Planning-Level Localized M&R Needs =	***$ 1,167,200***

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	AC Crack Sealing	453	LF	$ 1,830
	Surface Seal	71,450	SF	$ 53,660
	PCC Joint Seal	5,434	LF	$ 23,110
	PCC Partial-Depth Patching	54	SF	$ 9,310
Localized Stopgap Maintenance	AC Crack Sealing	373	LF	$ 1,510
	AC Partial-Depth Patching	139	SF	$ 660
	AC Full-Depth Patching	1,276	SF	$ 12,760
	PCC Crack Sealing	5,396	LF	$ 37,840
	PCC Joint Seal	13,461	LF	$ 57,240
	PCC Partial-Depth Patching	380	SF	$ 64,250
	PCC Full-Depth Patching	1,139	SF	$ 56,940
	PCC Slab Replacement	16,468	SF	$ 848,090

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
EVB	RW 2-20	6405	78,400	33	33	$ -
EVB	RW 2-20	6425	254,789	34	34	$ 12,060
EVB	RW 2-20	6427	11,862	89	92	$ 180
EVB	RW 2-20	6430	5,000	38	38	$ -
EVB	RW 2-20	6435	12,472	83	88	$ 1,410
EVB	RW 2-20	6450	25,000	34	34	$ -
EVB	RW 7-25	6202	18,750	76	91	$ 7,040
EVB	RW 7-25	6205	324,750	89	90	$ 390
EVB	RW 7-25	6210	11,378	84	89	$ 860
EVB	RW 7-25	6215	7,125	91	91	$ -
EVB	RW 7-25	6220	13,125	88	88	$ -
EVB	RW 11-29	6105	323,925	81	85	$ 15,670
EVB	TW A	102	22,287	85	94	$ 1,680
EVB	TW A	105	93,280	51	51	$ -
EVB	TW A	110	16,319	82	90	$ 2,450
EVB	TW A	115	5,905	86	89	$ 230
EVB	TW A	125	4,303	52	52	$ -
EVB	TW B	210	67,896	73	78	$ 9,790
EVB	TW B	215	105,867	64	64	$ -
EVB	TW C	310	13,657	33	33	$ -

Network ID	Branch ID	Section ID	Area (SF)	Start PCI	End PCI	Cost
EVB	TW C	312	12,746	100	100	$ -
EVB	TW C	314	57,036	100	100	$ -
EVB	TW C	315	24,500	100	100	$ -
EVB	TW C	325	5,247	59	59	$ -
EVB	TW C	330	44,997	100	100	$ -
EVB	TW C	345	86,977	86	90	$ 5,590
EVB	TW D	405	50,628	68	68	$ -
EVB	TW D	415	7,000	23	37	$ 1,290
EVB	TW D	425	27,118	89	89	$ -
EVB	TW D	427	40,335	90	90	$ -
EVB	TW D	430	84,969	88	88	$ -
EVB	TW E	505	17,197	91	94	$ 650
EVB	TW E	510	24,594	90	90	$ -
EVB	TW E	515	52,494	84	93	$ 7,880
EVB	TW E	520	27,412	91	94	$ 1,030
EVB	TW E	530	76,505	94	94	$ -
EVB	TW F	610	28,075	100	100	$ -
EVB	TL T-HANG	4320	31,261	64	64	$ -
EVB	TL T-HANG	4340	8,491	85	90	$ 640
EVB	TL T-HANG	4360	11,098	100	100	$ -
EVB	AP	4102	20,539	4	31	$ 267,940
EVB	AP	4103	9,336	100	100	$ -
EVB	AP	4104	3,872	43	43	$ -
EVB	AP	4105	6,440	9	34	$ 2,760
EVB	AP	4106	3,540	100	100	$ -
EVB	AP	4107	12,117	100	100	$ -
EVB	AP	4108	8,757	100	100	$ -
EVB	AP	4110	1,950	7	39	$ 2,340
EVB	AP	4115	8,775	1	39	$ 79,080
EVB	AP	4124	6,450	73	83	$ 4,900
EVB	AP	4127	1,560	87	99	$ 1,890
EVB	AP	4128	6,565	100	100	$ -
EVB	AP	4129	2,070	100	100	$ -
EVB	AP	4130	23,150	47	66	$ 16,400
EVB	AP	4132	17,074	23	51	$ 12,560
EVB	AP	4135	4,290	33	40	$ 700
EVB	AP	4140	37,036	35	36	$ 660
EVB	AP	4145	17,888	65	65	$ -
EVB	AP	4160	10,001	41	45	$ 90
EVB	AP	4165	9,517	10	19	$ 11,710
EVB	AP	4190	38,656	90	94	$ 25,610
EVB	AP RU	5105	46,282	32	37	$ 130
EVB	AP S	4215	56,450	9	33	$ 447,980
EVB	AP S	4225	44,991	100	100	$ -
EVB	AP SE	4220	8,835	1	55	$ 223,440

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.

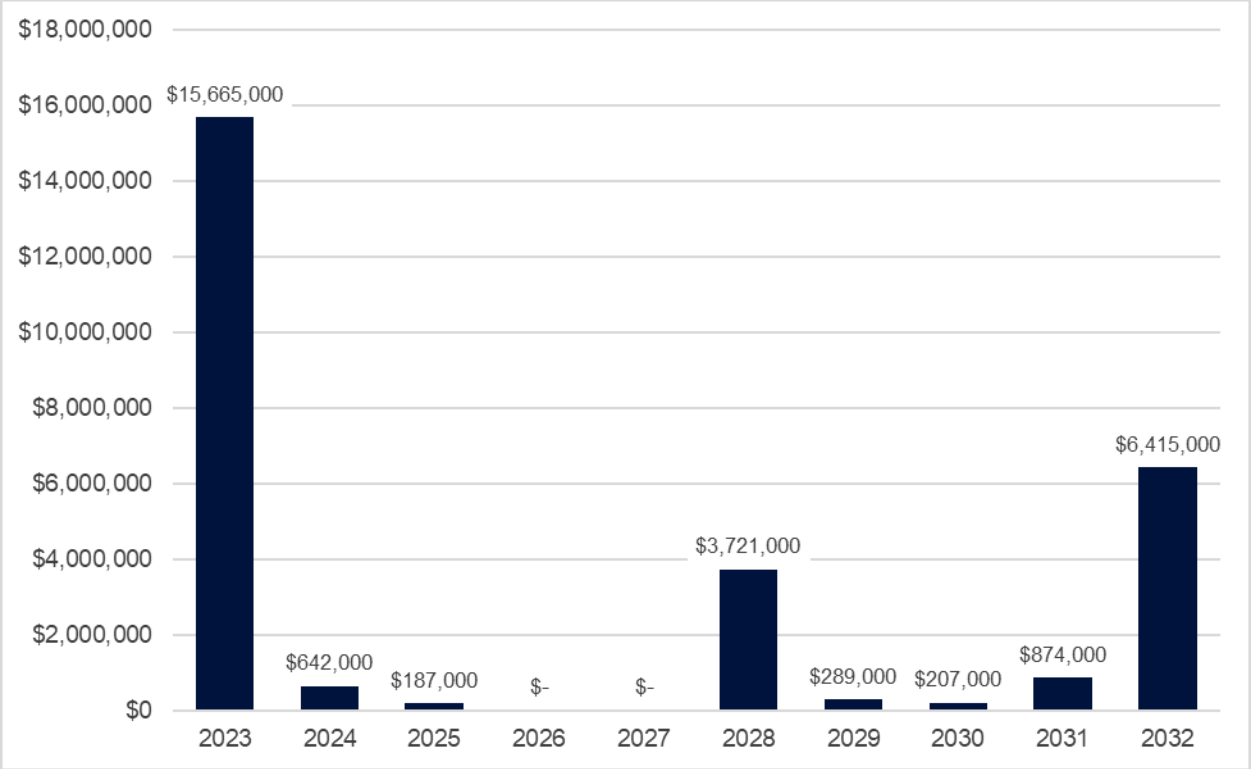
Table 6.2.1 (a) summarizes section-level major rehabilitation needs forecasted for a 10-year period. It should be noted that the following table depicts planning-level costs and has been rounded up to the nearest $1,000 for planning purposes.

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

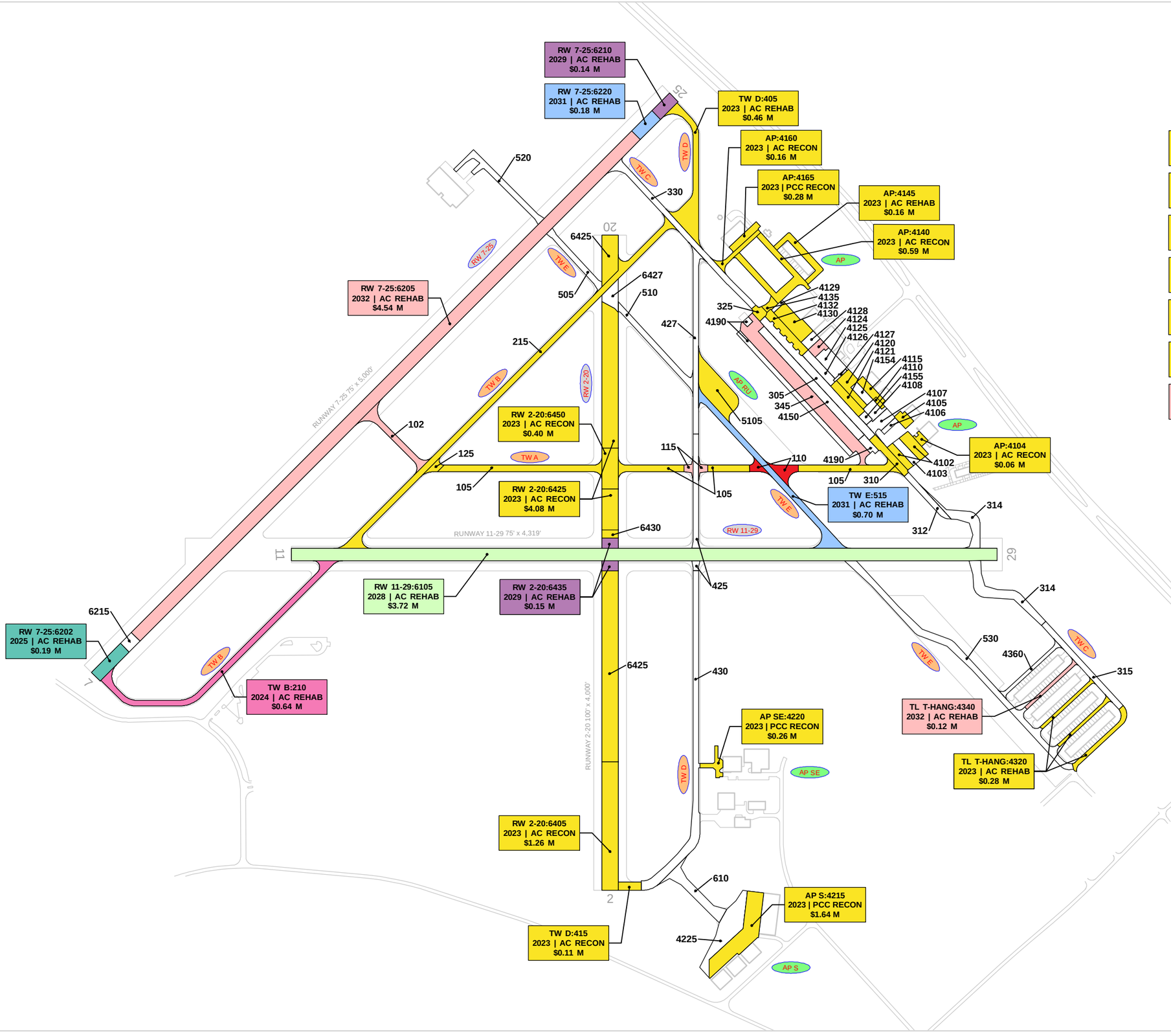
Program Year	Network ID	Branch ID	Section ID	Surface	Area (SF)	PCI Before	Rehabilitation Type	Planning Cost Estimate
2023	EVB	RW 2-20	6405	AC	78,400	32	AC Reconstruction	$ 1,255,000
2023	EVB	RW 2-20	6425	AC	254,789	33	AC Reconstruction	$ 4,077,000
2023	EVB	RW 2-20	6430	AC	5,000	38	AC Reconstruction	$ 80,000
2023	EVB	RW 2-20	6450	AC	25,000	33	AC Reconstruction	$ 400,000
2023	EVB	TW A	105	AC	93,280	50	AC Reconstruction	$ 1,493,000
2023	EVB	TW A	125	AC	4,303	51	AC Reconstruction	$ 69,000
2023	EVB	TW B	215	AC	105,867	63	AC Rehabilitation	$ 953,000
2023	EVB	TW C	310	AC	13,657	31	AC Reconstruction	$ 219,000
2023	EVB	TW C	325	AC	5,247	58	AC Rehabilitation	$ 48,000
2023	EVB	TW D	405	AC	50,628	66	AC Rehabilitation	$ 456,000
2023	EVB	TW D	415	AC	7,000	21	AC Reconstruction	$ 112,000
2023	EVB	TL T-HANG	4320	AC	31,261	63	AC Rehabilitation	$ 282,000
2023	EVB	AP	4102	PCC	20,539	3	PCC Reconstruction	$ 596,000
2023	EVB	AP	4104	AC	3,872	42	AC Reconstruction	$ 62,000
2023	EVB	AP	4105	PCC	6,440	8	PCC Reconstruction	$ 187,000
2023	EVB	AP	4110	PCC	1,950	6	PCC Reconstruction	$ 57,000
2023	EVB	AP	4115	PCC	8,775	0	PCC Reconstruction	$ 255,000
2023	EVB	AP	4130	PCC	23,150	46	PCC Reconstruction	$ 672,000
2023	EVB	AP	4132	PCC	17,074	22	PCC Reconstruction	$ 496,000
2023	EVB	AP	4135	AC	4,290	32	AC Reconstruction	$ 69,000
2023	EVB	AP	4140	AC	37,036	34	AC Reconstruction	$ 593,000
2023	EVB	AP	4145	AC	17,888	63	AC Rehabilitation	$ 161,000
2023	EVB	AP	4160	AC	10,001	40	AC Reconstruction	$ 161,000
2023	EVB	AP	4165	PCC	9,517	9	PCC Reconstruction	$ 276,000
2023	EVB	AP RU	5105	AC	46,282	31	AC Reconstruction	$ 741,000
2023	EVB	AP S	4215	PCC	56,450	8	PCC Reconstruction	$ 1,638,000
2023	EVB	AP SE	4220	PCC	8,835	0	PCC Reconstruction	$ 257,000
2024	EVB	TW B	210	AC	67,896	70	AC Rehabilitation	$ 642,000
2025	EVB	RW 7-25	6202	AAC	18,750	69	AC Rehabilitation	$ 187,000
2028	EVB	RW 11-29	6105	AAC	323,925	69	AC Rehabilitation	$ 3,721,000
2029	EVB	RW 2-20	6435	AAC	12,472	69	AC Rehabilitation	$ 151,000
2029	EVB	RW 7-25	6210	AAC	11,378	70	AC Rehabilitation	$ 138,000
2030	EVB	TW A	110	AC	16,319	70	AC Rehabilitation	$ 207,000
2031	EVB	RW 7-25	6220	AAC	13,125	70	AC Rehabilitation	$ 175,000
2031	EVB	TW E	515	AC	52,494	70	AC Rehabilitation	$ 699,000
2032	EVB	RW 7-25	6205	AAC	324,750	69	AC Rehabilitation	$ 4,535,000
2032	EVB	TW A	102	AC	22,287	69	AC Rehabilitation	$ 312,000
2032	EVB	TW A	115	AC	5,905	70	AC Rehabilitation	$ 83,000
2032	EVB	TW C	345	AC	86,977	70	AC Rehabilitation	$ 1,215,000
2032	EVB	TL T-HANG	4340	AC	8,491	69	AC Rehabilitation	$ 119,000
2032	EVB	AP	4124	PCC	6,450	59	PCC Rehabilitation	$ 151,000

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



EVB



NORTH

TW A:105 2023 | AC RECON $1.49 M	TW A:125 2023 | AC RECON $0.07 M	TW B:215 2023 | AC REHAB $0.95 M
TW C:310 2023 | AC RECON $0.22 M	TW C:325 2023 | AC REHAB $0.05 M	AP:4102 2023 | PCC RECON $0.60 M
AP:4105 2023 | PCC RECON $0.19 M	AP:4110 2023 | PCC RECON $0.06 M	AP:4115 2023 | PCC RECON $0.26 M
AP:4120 (WT) 2023 | PCC REHAB $0.21 M	AP:4121 (WT) 2023 | PCC REHAB $0.19 M	AP:4130 2023 | PCC RECON $0.67 M
AP:4132 2023 | PCC RECON $0.50 M	AP:4135 2023 | AC RECON $0.07 M	AP RU:5105 2023 | AC RECON $0.74 M
RW 2-20:6430 2023 | AC RECON $0.08 M	TW A:110 2030 | AC REHAB $0.21 M	TW A:102 2032 | AC REHAB $0.31 M
TW A:115 2032 | AC REHAB $0.08 M	TW C:345 2032 | AC REHAB $1.22 M	AP:4124 2032 | PCC REHAB $0.15 M

LEGEND

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

PROGRAM YEAR

2023	2028
2024	2029
2025	2030
2026	2031
2027	2032

"BRANCH":"SECTION"
"YEAR"|"REHAB ACTIVITY"
"EST. COST"

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 MAJOR REHABILITATION EXHIBIT

Statewide Airfield Pavement Management Program

NEW SMYRNA BEACH MUNICIPAL AIRPORT

FDOT

2022

6.2.2 Major Rehabilitation Needs – Whitetopping Pavements

Major rehabilitation for whitetopping concrete overlays is divided into two policy categories as part of this program: Full-Depth Reconstruction (Reconstruction) and Intermediate-Level Major Rehabilitation (Rehabilitation).

- Rehabilitation is recommended for whitetopping pavement with a PASER rating of 'Poor'.
- Reconstruction is recommended for whitetopping pavement with a PASER rating of 'Failed'.

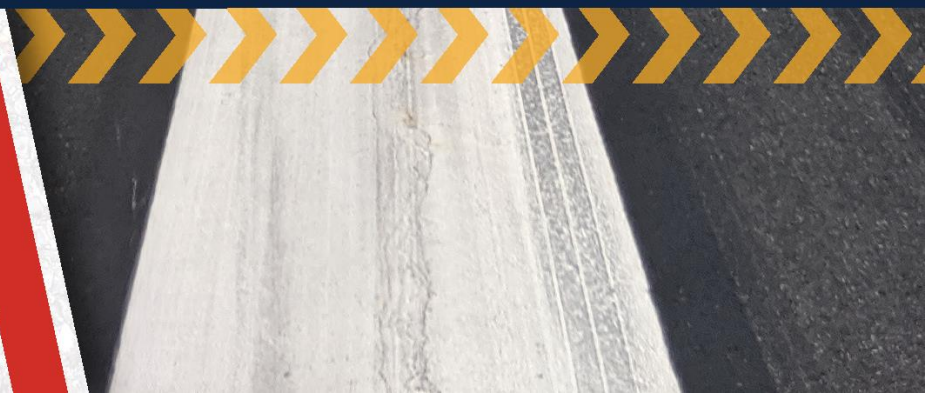
Major rehabilitation is recommended based on current PASER Surface Rating as no formal PASER rating forecasting is performed. The conceptual pavement sections and unit costs developed for the whitetopping pavement is consistent with that which was developed for PCC pavement and presented in **Chapter 5.5 Major Rehabilitation**.

Table 6.2.2 summarizes section-level major rehabilitation for the whitetopping pavements. **Figure 6.2.1 (b)** graphically depicts the major rehabilitation needs for the whitetopping pavements. 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 6.2.2: Section-Level Major Rehabilitation Needs – Whitetopping Pavements

Program Year	Network ID	Branch ID	Section ID	Surface	Area (SF)	PASER Value Before	Rehabilitation Type	Planning Cost Estimate
2023	**EVB**	AP	4120	WT	14,180	2	PCC Rehabilitation	$ 213,000
2023	**EVB**	AP	4121	WT	12,650	2	PCC Rehabilitation	$ 190,000

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 PASER Surface Rating Exhibit

The Airfield PASER Surface Rating Exhibit is located in **Chapter 4** and **Appendix C**. The Exhibit is a visual summary of the latest conditions of the airfield whitetopping pavements reported from the PASER assessment performed at the Airport. The PASER values are identified in the Exhibit and graphically represented using the standard PASER surface 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**.

Airfield Pavement Major Rehabilitation Exhibit – Whitetopping Pavements

The Airfield Pavement Major Rehabilitation Exhibit – Whitetopping Pavements is located in **Chapter 6** and **Appendix C**. The Exhibit has been prepared based on the PASER surface rating and major rehabilitation needs analysis. The Exhibit graphically depicts the inventory with the associated rehabilitation type activity and the planning-level costs. Area limits, rehabilitation type, and planning-level costs should not be considered a design-level recommendation.

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

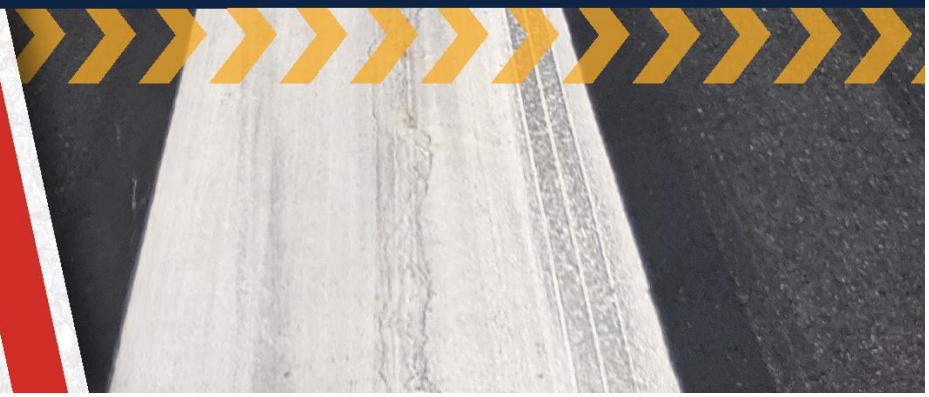


Table A.1: Pavement System Inventory Details

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface Type	Estimate of Last Construction Date
EVB	RW 2-20	Runway	6405	78,400	AC	1/1/1943
EVB	RW 2-20	Runway	6425	254,789	AC	1/1/1943
EVB	RW 2-20	Runway	6427	11,862	AC	1/1/2014
EVB	RW 2-20	Runway	6430	5,000	AC	1/1/1977
EVB	RW 2-20	Runway	6435	12,472	AAC	1/1/2014
EVB	RW 2-20	Runway	6450	25,000	AC	1/1/1977
EVB	RW 7-25	Runway	6202	18,750	AAC	1/1/2008
EVB	RW 7-25	Runway	6205	324,750	AAC	1/1/2016
EVB	RW 7-25	Runway	6210	11,378	AAC	1/1/2008
EVB	RW 7-25	Runway	6215	7,125	AAC	1/1/2016
EVB	RW 7-25	Runway	6220	13,125	AAC	1/1/2016
EVB	RW 11-29	Runway	6105	323,925	AAC	1/1/2014
EVB	TW A	Taxiway	102	22,287	AC	1/1/2011
EVB	TW A	Taxiway	105	93,280	AC	1/1/1977
EVB	TW A	Taxiway	110	16,319	AC	7/1/2011
EVB	TW A	Taxiway	115	5,905	AC	1/1/2014
EVB	TW A	Taxiway	125	4,303	AC	1/1/2002
EVB	TW B	Taxiway	210	67,896	AC	1/1/2002
EVB	TW B	Taxiway	215	105,867	AC	1/1/2002
EVB	TW C	Taxiway	305	48,858	WT	1/1/2002
EVB	TW C	Taxiway	310	13,657	AC	1/1/2002
EVB	TW C	Taxiway	312	12,746	AC	4/1/2022
EVB	TW C	Taxiway	314	57,036	AC	4/1/2022
EVB	TW C	Taxiway	315	24,500	AC	4/1/2022
EVB	TW C	Taxiway	325	5,247	AC	1/1/2002
EVB	TW C	Taxiway	330	44,997	AC	4/1/2022
EVB	TW C	Taxiway	345	86,977	AC	1/1/2012
EVB	TW D	Taxiway	405	50,628	AC	1/1/2002
EVB	TW D	Taxiway	415	7,000	AC	1/1/1943
EVB	TW D	Taxiway	425	27,118	AC	1/1/2014
EVB	TW D	Taxiway	427	40,335	AC	1/1/2014
EVB	TW D	Taxiway	430	84,969	AAC	1/1/2016
EVB	TW E	Taxiway	505	17,197	AC	1/1/2014
EVB	TW E	Taxiway	510	24,594	AC	1/1/2014
EVB	TW E	Taxiway	515	52,494	AC	7/1/2011
EVB	TW E	Taxiway	520	27,412	AC	1/1/2014
EVB	TW E	Taxiway	530	76,505	AC	1/1/2018
EVB	TW F	Taxiway	610	28,075	AC	12/1/2020
EVB	TL T-HANG	Taxilane	4320	31,261	AC	1/1/2002
EVB	TL T-HANG	Taxilane	4340	8,491	AC	1/1/2010
EVB	TL T-HANG	Taxilane	4360	11,098	AC	3/1/2021
EVB	AP	Apron	4102	20,539	PCC	1/1/1984
EVB	AP	Apron	4103	9,336	AC	4/1/2022
EVB	AP	Apron	4104	3,872	AC	1/1/1984

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	Surface Type	Estimate of Last Construction Date
EVB	AP	Apron	4105	6,440	PCC	1/1/1965
EVB	AP	Apron	4106	3,540	PCC	12/1/2020
EVB	AP	Apron	4107	12,117	AC	12/1/2020
EVB	AP	Apron	4108	8,757	PCC	12/1/2020
EVB	AP	Apron	4110	1,950	PCC	1/1/1980
EVB	AP	Apron	4115	8,775	PCC	1/1/1975
EVB	AP	Apron	4120	14,180	WT	1/1/2002
EVB	AP	Apron	4121	12,650	WT	1/1/2002
EVB	AP	Apron	4124	6,450	PCC	1/1/2002
EVB	AP	Apron	4125	24,143	WT	1/1/2002
EVB	AP	Apron	4126	12,548	WT	1/1/2002
EVB	AP	Apron	4127	1,560	PCC	1/1/2019
EVB	AP	Apron	4128	6,565	PCC	12/1/2020
EVB	AP	Apron	4129	2,070	PCC	12/1/2020
EVB	AP	Apron	4130	23,150	PCC	1/1/1997
EVB	AP	Apron	4132	17,074	PCC	1/1/1997
EVB	AP	Apron	4135	4,290	AC	1/1/1975
EVB	AP	Apron	4140	37,036	AC	1/1/1980
EVB	AP	Apron	4145	17,888	AC	1/1/1986
EVB	AP	Apron	4150	45,150	WT	1/1/2002
EVB	AP	Apron	4154	7,400	WT	1/1/2002
EVB	AP	Apron	4155	3,500	WT	1/1/2002
EVB	AP	Apron	4160	10,001	AC	1/1/1975
EVB	AP	Apron	4165	9,517	PCC	1/1/1991
EVB	AP	Apron	4190	38,656	PCC	1/1/2012
EVB	AP RU	Apron	5105	46,282	AC	1/1/1943
EVB	AP S	Apron	4215	56,450	PCC	1/1/1943
EVB	AP S	Apron	4225	44,991	PCC	12/1/2020
EVB	AP SE	Apron	4220	8,835	PCC	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
EVB	RW 2-20	Runway	6405	78,400	33	Very Poor
EVB	RW 2-20	Runway	6425	254,789	34	Very Poor
EVB	RW 2-20	Runway	6427	11,862	89	Good
EVB	RW 2-20	Runway	6430	5,000	38	Very Poor
EVB	RW 2-20	Runway	6435	12,472	83	Satisfactory
EVB	RW 2-20	Runway	6450	25,000	34	Very Poor
EVB	RW 7-25	Runway	6202	18,750	76	Satisfactory
EVB	RW 7-25	Runway	6205	324,750	89	Good
EVB	RW 7-25	Runway	6210	11,378	84	Satisfactory
EVB	RW 7-25	Runway	6215	7,125	91	Good
EVB	RW 7-25	Runway	6220	13,125	88	Good
EVB	RW 11-29	Runway	6105	323,925	81	Satisfactory
EVB	TW A	Taxiway	102	22,287	85	Satisfactory
EVB	TW A	Taxiway	105	93,280	51	Poor
EVB	TW A	Taxiway	110	16,319	82	Satisfactory
EVB	TW A	Taxiway	115	5,905	86	Good
EVB	TW A	Taxiway	125	4,303	52	Poor
EVB	TW B	Taxiway	210	67,896	73	Satisfactory
EVB	TW B	Taxiway	215	105,867	64	Fair
EVB	TW C	Taxiway	310	13,657	33	Very Poor
EVB	TW C	Taxiway	312	12,746	100	Good
EVB	TW C	Taxiway	314	57,036	100	Good
EVB	TW C	Taxiway	315	24,500	100	Good
EVB	TW C	Taxiway	325	5,247	59	Fair
EVB	TW C	Taxiway	330	44,997	100	Good
EVB	TW C	Taxiway	345	86,977	86	Good
EVB	TW D	Taxiway	405	50,628	68	Fair
EVB	TW D	Taxiway	415	7,000	23	Serious
EVB	TW D	Taxiway	425	27,118	89	Good
EVB	TW D	Taxiway	427	40,335	90	Good
EVB	TW D	Taxiway	430	84,969	88	Good
EVB	TW E	Taxiway	505	17,197	91	Good
EVB	TW E	Taxiway	510	24,594	90	Good
EVB	TW E	Taxiway	515	52,494	84	Satisfactory
EVB	TW E	Taxiway	520	27,412	91	Good
EVB	TW E	Taxiway	530	76,505	94	Good
EVB	TW F	Taxiway	610	28,075	100	Good
EVB	TL T-HANG	Taxilane	4320	31,261	64	Fair
EVB	TL T-HANG	Taxilane	4340	8,491	85	Satisfactory
EVB	TL T-HANG	Taxilane	4360	11,098	100	Good
EVB	AP	Apron	4102	20,539	4	Failed
EVB	AP	Apron	4103	9,336	100	Good
EVB	AP	Apron	4104	3,872	43	Poor
EVB	AP	Apron	4105	6,440	9	Failed

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	PCI	Condition Rating
EVB	AP	Apron	4106	3,540	100	Good
EVB	AP	Apron	4107	12,117	100	Good
EVB	AP	Apron	4108	8,757	100	Good
EVB	AP	Apron	4110	1,950	7	Failed
EVB	AP	Apron	4115	8,775	1	Failed
EVB	AP	Apron	4124	6,450	73	Satisfactory
EVB	AP	Apron	4127	1,560	87	Good
EVB	AP	Apron	4128	6,565	100	Good
EVB	AP	Apron	4129	2,070	100	Good
EVB	AP	Apron	4130	23,150	47	Poor
EVB	AP	Apron	4132	17,074	23	Serious
EVB	AP	Apron	4135	4,290	33	Very Poor
EVB	AP	Apron	4140	37,036	35	Very Poor
EVB	AP	Apron	4145	17,888	65	Fair
EVB	AP	Apron	4160	10,001	41	Poor
EVB	AP	Apron	4165	9,517	10	Failed
EVB	AP	Apron	4190	38,656	90	Good
EVB	AP RU	Apron	5105	46,282	32	Very Poor
EVB	AP S	Apron	4215	56,450	9	Failed
EVB	AP S	Apron	4225	44,991	100	Good
EVB	AP SE	Apron	4220	8,835	1	Failed

Table A.3: PASER Surface Rating – Section Level - Whitetopping Pavements

Network ID	Branch ID	Branch Use	Section ID	Area (SF)	PASER Value	Surface Rating
EVB	TW C	Taxiway	305	48,858	4	Good
EVB	AP	Apron	4120	14,180	2	Poor
EVB	AP	Apron	4121	12,650	2	Poor
EVB	AP	Apron	4125	17,693	3	Fair
EVB	AP	Apron	4126	12,548	3	Fair
EVB	AP	Apron	4150	45,150	3	Fair
EVB	AP	Apron	4154	7,400	4	Good
EVB	AP	Apron	4155	3,500	3	Fair

Table A.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
EVB	RW 2-20	6405	33	32	31	30	29	27	26	25	24	23	22
EVB	RW 2-20	6425	34	33	32	31	30	29	28	27	25	24	23
EVB	RW 2-20	6427	89	87	85	83	81	80	78	76	75	73	71
EVB	RW 2-20	6430	38	38	37	37	36	36	35	35	34	33	32
EVB	RW 2-20	6435	83	80	78	76	74	72	71	69	67	65	63
EVB	RW 2-20	6450	34	33	32	31	30	29	28	27	25	24	23
EVB	RW 7-25	6202	76	73	71	69	67	65	64	62	60	58	56
EVB	RW 7-25	6205	89	86	84	82	80	78	77	75	73	71	69
EVB	RW 7-25	6210	84	81	79	77	75	73	72	70	68	66	64
EVB	RW 7-25	6215	91	88	86	84	82	80	79	77	75	73	71
EVB	RW 7-25	6220	88	85	83	81	79	77	76	74	72	70	68
EVB	RW 11-29	6105	81	78	76	74	72	70	69	67	65	63	61
EVB	TW A	102	85	82	81	79	77	76	74	73	72	70	69
EVB	TW A	105	51	50	50	50	49	49	48	48	47	47	46
EVB	TW A	110	82	80	78	76	75	73	72	71	70	68	67
EVB	TW A	115	86	83	82	80	78	77	75	74	72	71	70
EVB	TW A	125	52	51	51	51	50	50	49	49	48	48	47
EVB	TW B	210	73	71	70	69	68	66	65	64	64	63	62
EVB	TW B	215	64	63	62	61	60	60	59	58	58	57	56
EVB	TW C	310	33	31	30	28	27	25	24	22	20	19	17
EVB	TW C	312	100	97	95	92	90	88	86	84	82	81	79
EVB	TW C	314	100	97	95	92	90	88	86	84	82	81	79
EVB	TW C	315	100	97	95	92	90	88	86	84	82	81	79
EVB	TW C	325	59	58	57	57	56	56	55	55	54	54	53
EVB	TW C	330	100	97	95	92	90	88	86	84	82	81	79
EVB	TW C	345	86	83	82	80	78	77	75	74	72	71	70
EVB	TW D	405	68	66	65	64	64	63	62	61	60	60	59
EVB	TW D	415	23	21	19	17	15	13	11	9	8	6	4
EVB	TW D	425	89	86	84	82	81	79	77	76	74	73	72
EVB	TW D	427	90	87	85	83	81	80	78	77	75	74	72
EVB	TW D	430	88	85	83	81	80	78	76	75	74	72	71
EVB	TW E	505	91	88	86	84	82	81	79	77	76	74	73
EVB	TW E	510	90	87	85	83	81	80	78	77	75	74	72
EVB	TW E	515	84	81	80	78	77	75	74	72	71	70	69
EVB	TW E	520	91	88	86	84	82	81	79	77	76	74	73
EVB	TW E	530	94	91	89	87	85	83	81	79	78	76	75
EVB	TW F	610	100	94	92	89	87	85	84	82	80	78	77
EVB	TL T-HANG	4320	64	63	62	61	60	60	59	58	58	57	56
EVB	TL T-HANG	4340	85	82	81	79	77	76	74	73	72	70	69
EVB	TL T-HANG	4360	100	94	92	90	88	86	84	82	80	79	77
EVB	AP	4102	4	3	2	1	0	0	0	0	0	0	0
EVB	AP	4103	100	97	94	92	90	88	85	83	81	79	78
EVB	AP	4104	43	42	42	41	41	41	40	40	39	39	39
EVB	AP	4105	9	8	7	6	5	4	3	2	1	0	0

Network ID	Branch ID	Section ID	Current PCI	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
EVB	AP	4106	100	98	97	96	95	94	93	92	91	90	89
EVB	AP	4107	100	94	91	89	87	85	83	81	79	77	75
EVB	AP	4108	100	98	97	96	95	94	93	92	91	90	89
EVB	AP	4110	7	6	5	4	3	2	1	0	0	0	0
EVB	AP	4115	1	0	0	0	0	0	0	0	0	0	0
EVB	AP	4124	73	71	70	68	67	66	64	63	62	60	59
EVB	AP	4127	87	86	85	84	83	82	81	80	79	78	77
EVB	AP	4128	100	98	97	96	95	94	93	92	91	90	89
EVB	AP	4129	100	98	97	96	95	94	93	92	91	90	89
EVB	AP	4130	47	46	45	44	43	42	41	40	39	38	37
EVB	AP	4132	23	22	21	20	19	18	17	16	15	14	13
EVB	AP	4135	33	32	32	31	30	30	29	28	28	27	26
EVB	AP	4140	35	34	34	33	33	32	32	31	31	30	29
EVB	AP	4145	65	63	62	61	59	58	57	56	55	54	53
EVB	AP	4160	41	40	40	40	39	39	38	38	38	37	37
EVB	AP	4165	10	9	8	7	6	5	4	3	2	1	0
EVB	AP	4190	90	89	88	87	86	85	84	83	82	81	80
EVB	AP RU	5105	32	31	31	30	29	29	28	27	26	26	25
EVB	AP S	4215	9	8	7	6	5	4	3	2	1	0	0
EVB	AP S	4225	100	98	97	96	95	94	93	92	91	90	89
EVB	AP SE	4220	1	0	0	0	0	0	0	0	0	0	0

Network: NEW SMYRNA BEA **Branch:** AP RU RUN-UP APRON **Section:** 5105 **Surface:**AC

L.C.D. 1/1/1943 **Use:** APRON **Rank:** P **Length:** 325.00 (Ft) **Width:** 150.00 (Ft) **True Area:** 46282.00001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1943	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** AP S SOUTH APRON **Section:** 4215 **Surface:**PCC

L.C.D. 1/1/1943 **Use:** APRON **Rank:** P **Length:** 585.00 (Ft) **Width:** 96.00 (Ft) **True Area:** 56450.00001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1943	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** AP S SOUTH APRON **Section:** 4225 **Surface:**PCC

L.C.D. 12/1/2020 **Use:** APRON **Rank:** P **Length:** 540.00 (Ft) **Width:** 80.00 (Ft) **True Area:** 44991.00001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
12/1/2020	NC-PC	New Construction - PCC	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** AP SE SOUTHEAST AP **Section:** 4220 **Surface:**PCC

L.C.D. 12/25/199 **Use:** APRON **Rank:** P **Length:** 375.00 (Ft) **Width:** 25.00 (Ft) **True Area:** 8835.000002 (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: NEW SMYRNA BEA **Branch:** AP APRON **Section:** 4102 **Surface:**PCC

L.C.D. 1/1/1984 **Use:** APRON **Rank:** P **Length:** 110.00 (Ft) **Width:** 187.00 (Ft) **True Area:** 20539.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1984	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** AP APRON **Section:** 4103 **Surface:**AC

L.C.D. 4/1/2022 **Use:** APRON **Rank:** P **Length:** 50.00 (Ft) **Width:** 187.00 (Ft) **True Area:** 9336.000002 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
4/1/2022	CR-AC	Complete Reconstruction - AC	0.00	0.00	☑	4" P-401, 6" P-211
1/1/1984	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** AP APRON **Section:** 4104 **Surface:**AC

L.C.D. 1/1/1984 **Use:** APRON **Rank:** P **Length:** 52.00 (Ft) **Width:** 81.00 (Ft) **True Area:** 3872.000001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1984	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** AP APRON **Section:** 4105 **Surface:**PCC

L.C.D. 1/1/1965 **Use:** APRON **Rank:** P **Length:** 72.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 6440.000001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1965	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** AP APRON **Section:** 4106 **Surface:**PCC
L.C.D. 12/1/2020 **Use:** APRON **Rank:** P **Length:** 118.00 (Ft) **Width:** 30.00 (Ft) **True Area:** 3540.000001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
12/1/2020	CR-PC	Complete Reconstruction - PCC	0.00	0.00	☑	
1/1/1965	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** AP APRON **Section:** 4107 **Surface:**AC
L.C.D. 12/1/2020 **Use:** APRON **Rank:** P **Length:** 160.00 (Ft) **Width:** 75.00 (Ft) **True Area:** 12117.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
12/1/2020	NC-AC	New Construction - AC	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** AP APRON **Section:** 4108 **Surface:**PCC
L.C.D. 12/1/2020 **Use:** APRON **Rank:** P **Length:** 97.00 (Ft) **Width:** 85.00 (Ft) **True Area:** 8757.000002 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
12/1/2020	NC-PC	New Construction - PCC	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** AP APRON **Section:** 4110 **Surface:**PCC
L.C.D. 1/1/1980 **Use:** APRON **Rank:** P **Length:** 75.00 (Ft) **Width:** 25.00 (Ft) **True Area:** 1950.000000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1980	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** AP APRON **Section:** 4115 **Surface:**PCC
L.C.D. 1/1/1975 **Use:** APRON **Rank:** P **Length:** 140.00 (Ft) **Width:** 48.00 (Ft) **True Area:** 8775.000002 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1975	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** AP APRON **Section:** 4120 **Surface:**PCC
L.C.D. 1/1/2002 **Use:** APRON **Rank:** P **Length:** 238.00 (Ft) **Width:** 25.00 (Ft) **True Area:** 14180.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2002	OL-PC	Overlay - PCC	0.00	0.00	☑	
1/1/1997	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** AP APRON **Section:** 4121 **Surface:**PCC
L.C.D. 1/1/2002 **Use:** APRON **Rank:** P **Length:** 253.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 12650.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2002	OL-PC	Overlay - PCC	0.00	0.00	☑	
1/1/1997	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** AP APRON **Section:** 4124 **Surface:**PCC

L.C.D. 1/1/2002 **Use:** APRON **Rank:** P **Length:** 100.00 (Ft) **Width:** 60.00 (Ft) **True Area:** 6450.000001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2002	CR-PC	Complete Reconstruction - PCC	0.00	0.00	☑	
1/1/1997	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** AP APRON **Section:** 4125 **Surface:**PCC

L.C.D. 1/1/2002 **Use:** APRON **Rank:** P **Length:** 100.00 (Ft) **Width:** 180.00 (Ft) **True Area:** 17693.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2002	OL-PC	Overlay - PCC	0.00	0.00	☑	
1/1/1997	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** AP APRON **Section:** 4126 **Surface:**PCC

L.C.D. 1/1/2002 **Use:** APRON **Rank:** P **Length:** 250.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 12548.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2002	OL-PC	Overlay - PCC	0.00	0.00	☑	
1/1/1997	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** AP APRON **Section:** 4127 **Surface:**PCC

L.C.D. 1/1/2019 **Use:** APRON **Rank:** P **Length:** 102.00 (Ft) **Width:** 15.00 (Ft) **True Area:** 1560.000000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2019	CR-PC	Complete Reconstruction - PCC	0.00	0.00	☑	
1/1/1997	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** AP APRON **Section:** 4128 **Surface:**PCC

L.C.D. 12/1/2020 **Use:** APRON **Rank:** P **Length:** 101.00 (Ft) **Width:** 65.00 (Ft) **True Area:** 6565.000002 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
12/1/2020	NC-PC	New Construction - PCC	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** AP APRON **Section:** 4129 **Surface:**PCC

L.C.D. 12/1/2020 **Use:** APRON **Rank:** P **Length:** 90.00 (Ft) **Width:** 23.00 (Ft) **True Area:** 2070.000000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
12/1/2020	NC-PC	New Construction - PCC	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** AP APRON **Section:** 4130 **Surface:**PCC

L.C.D. 1/1/1997 **Use:** APRON **Rank:** P **Length:** 100.00 (Ft) **Width:** 245.00 (Ft) **True Area:** 23150.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1997	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** AP APRON **Section:** 4132 **Surface:**PCC
L.C.D. 1/1/1997 **Use:** APRON **Rank:** P **Length:** 55.00 (Ft) **Width:** 340.00 (Ft) **True Area:** 17074.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1997	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** AP APRON **Section:** 4135 **Surface:**AC
L.C.D. 1/1/1975 **Use:** APRON **Rank:** P **Length:** 88.00 (Ft) **Width:** 47.00 (Ft) **True Area:** 4290.000001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1975	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** AP APRON **Section:** 4140 **Surface:**AC
L.C.D. 1/1/1980 **Use:** APRON **Rank:** P **Length:** 930.00 (Ft) **Width:** 40.00 (Ft) **True Area:** 37036.00001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1980	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** AP APRON **Section:** 4145 **Surface:**AC
L.C.D. 1/1/1986 **Use:** APRON **Rank:** P **Length:** 500.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 17888.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1986	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** AP APRON **Section:** 4150 **Surface:**PCC
L.C.D. 1/1/2002 **Use:** APRON **Rank:** P **Length:** 903.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 45150.00001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2002	OL-PC	Overlay - PCC	0.00	0.00	☑	
1/1/1997	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** AP APRON **Section:** 4154 **Surface:**PCC
L.C.D. 1/1/2002 **Use:** APRON **Rank:** P **Length:** 148.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 7400.000002 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2002	OL-PC	Overlay - PCC	0.00	0.00	☑	
1/1/1997	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** AP APRON **Section:** 4155 **Surface:**PCC
L.C.D. 1/1/2002 **Use:** APRON **Rank:** P **Length:** 70.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 3500.000001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2002	OL-PC	Overlay - PCC	0.00	0.00	☑	
1/1/1943	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** AP APRON **Section:** 4160 **Surface:**AC
L.C.D. 1/1/1975 **Use:** APRON **Rank:** P **Length:** 25.00 (Ft) **Width:** 270.00 (Ft) **True Area:** 10001.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1975	NC-AC	New Construction - AC	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** AP APRON **Section:** 4165 **Surface:**PCC
L.C.D. 1/1/1991 **Use:** APRON **Rank:** P **Length:** 228.00 (Ft) **Width:** 40.00 (Ft) **True Area:** 9517.000002 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1991	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** AP APRON **Section:** 4190 **Surface:**PCC
L.C.D. 1/1/2012 **Use:** APRON **Rank:** P **Length:** 1,025.00 (Ft) **Width:** 30.00 (Ft) **True Area:** 38656.00001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2012	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** RW 11-29 RUNWAY 11-29 **Section:** 6105 **Surface:**AAC
L.C.D. 1/1/2014 **Use:** RUNWAY **Rank:** P **Length:** 4,319.00 (Ft) **Width:** 75.00 (Ft) **True Area:** 323925.0000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2014	ML-OVL	Mill and Overlay	0.00	0.00	☑	VARIABLE MILL (CORRECT GRA
1/1/1977	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** RW 2-20 RUNWAY 2-20 **Section:** 6405 **Surface:**AC
L.C.D. 1/1/1943 **Use:** RUNWAY **Rank:** P **Length:** 850.00 (Ft) **Width:** 100.00 (Ft) **True Area:** 78400.00002 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1943	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** RW 2-20 RUNWAY 2-20 **Section:** 6425 **Surface:**AC
L.C.D. 1/1/1943 **Use:** RUNWAY **Rank:** P **Length:** 2,700.00 (Ft) **Width:** 100.00 (Ft) **True Area:** 254789.0000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1943	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** RW 2-20 RUNWAY 2-20 **Section:** 6427 **Surface:**AC
L.C.D. 1/1/2014 **Use:** RUNWAY **Rank:** P **Length:** 120.00 (Ft) **Width:** 100.00 (Ft) **True Area:** 11862.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2014	CR-AC	Complete Reconstruction - AC	0.00	0.00	☑	Remove Existing Asphalt and Rework
1/1/1943	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** RW 2-20 RUNWAY 2-20 **Section:** 6430 **Surface:**AC
L.C.D. 1/1/1977 **Use:** RUNWAY **Rank:** P **Length:** 150.00 (Ft) **Width:** 100.00 (Ft) **True Area:** 5000.000001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1977	NC-AC	New Construction - AC	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** RW 2-20 RUNWAY 2-20 **Section:** 6435 **Surface:**AAC

L.C.D. 1/1/2014 **Use:** RUNWAY **Rank:** P **Length:** 125.00 (Ft) **Width:** 100.00 (Ft) **True Area:** 12472.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2014	ML-OVL	Mill and Overlay	0.00	0.00	☑	VARIABLE ML&OL (FROM RW 11-
1/1/1977	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** RW 2-20 RUNWAY 2-20 **Section:** 6450 **Surface:**AC

L.C.D. 1/1/1977 **Use:** RUNWAY **Rank:** P **Length:** 250.00 (Ft) **Width:** 100.00 (Ft) **True Area:** 25000.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1977	NC-AC	New Construction - AC	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** RW 7-25 RUNWAY 7-25 **Section:** 6202 **Surface:**AAC

L.C.D. 1/1/2008 **Use:** RUNWAY **Rank:** P **Length:** 75.00 (Ft) **Width:** 250.00 (Ft) **True Area:** 18750.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2008	ML-OVL	Mill and Overlay	0.00	0.00	☑	
1/1/1943	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** RW 7-25 RUNWAY 7-25 **Section:** 6205 **Surface:**AAC

L.C.D. 1/1/2016 **Use:** RUNWAY **Rank:** P **Length:** 4,470.00 (Ft) **Width:** 75.00 (Ft) **True Area:** 324750.0000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2016	ML-OVL	Mill and Overlay	0.00	0.00	☑	
1/1/1989	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** RW 7-25 RUNWAY 7-25 **Section:** 6210 **Surface:**AAC

L.C.D. 1/1/2008 **Use:** RUNWAY **Rank:** P **Length:** 75.00 (Ft) **Width:** 150.00 (Ft) **True Area:** 11378.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2008	ML-OVL	Mill and Overlay	0.00	0.00	☑	
1/1/1943	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** RW 7-25 RUNWAY 7-25 **Section:** 6215 **Surface:**AAC

L.C.D. 1/1/2016 **Use:** RUNWAY **Rank:** P **Length:** 95.00 (Ft) **Width:** 75.00 (Ft) **True Area:** 7125.000002 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2016	ML-OVL	Mill and Overlay	0.00	0.00	☑	
1/1/1943	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** RW 7-25 RUNWAY 7-25 **Section:** 6220 **Surface:**AAC

L.C.D. 1/1/2016 **Use:** RUNWAY **Rank:** P **Length:** 175.00 (Ft) **Width:** 75.00 (Ft) **True Area:** 13125.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2016	ML-OVL	Mill and Overlay	0.00	0.00	☑	
1/1/1943	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** TL T-HANG T-HANGAR TAX **Section:** 4320 **Surface:**AC
L.C.D. 1/1/2002 **Use:** TAXILAN **Rank:** P **Length:** 1,300.00 (Ft) **Width:** 25.00 (Ft) **True Area:** 31261.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2002	CR-AC	Complete Reconstruction - AC	0.00	2.00	☑	

Network: NEW SMYRNA BEA **Branch:** TL T-HANG T-HANGAR TAX **Section:** 4340 **Surface:**AC
L.C.D. 1/1/2010 **Use:** TAXILAN **Rank:** P **Length:** 340.00 (Ft) **Width:** 25.00 (Ft) **True Area:** 8491.000002 (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: NEW SMYRNA BEA **Branch:** TL T-HANG T-HANGAR TAX **Section:** 4360 **Surface:**AC
L.C.D. 3/1/2021 **Use:** TAXILAN **Rank:** P **Length:** 463.00 (Ft) **Width:** 22.00 (Ft) **True Area:** 11098.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
3/1/2021	NC-AC	New Construction - AC	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** TW A TAXIWAY A **Section:** 102 **Surface:**AC
L.C.D. 1/1/2011 **Use:** TAXIWAY **Rank:** P **Length:** 465.00 (Ft) **Width:** 38.00 (Ft) **True Area:** 22287.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2011	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** TW A TAXIWAY A **Section:** 105 **Surface:**AC
L.C.D. 1/1/1977 **Use:** TAXIWAY **Rank:** P **Length:** 2,580.00 (Ft) **Width:** 40.00 (Ft) **True Area:** 93280.00002 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1977	NC-AC	New Construction - AC	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** TW A TAXIWAY A **Section:** 110 **Surface:**AC
L.C.D. 7/1/2011 **Use:** TAXIWAY **Rank:** P **Length:** 400.00 (Ft) **Width:** 40.00 (Ft) **True Area:** 16319.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
7/1/2011	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** TW A TAXIWAY A **Section:** 115 **Surface:**AC
L.C.D. 1/1/2014 **Use:** TAXIWAY **Rank:** P **Length:** 60.00 (Ft) **Width:** 100.00 (Ft) **True Area:** 5905.000001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2014	CR-AC	Complete Reconstruction - AC	0.00	0.00	☑	Remove Existing Asphalt and Rework
1/1/1977	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** TW A TAXIWAY A **Section:** 125 **Surface:**AC
L.C.D. 1/1/2002 **Use:** TAXIWAY **Rank:** P **Length:** 80.00 (Ft) **Width:** 40.00 (Ft) **True Area:** 4303.000001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2002	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** TW B TAXIWAY B **Section:** 210 **Surface:**AC

L.C.D. 1/1/2002 **Use:** TAXIWAY **Rank:** P **Length:** 35.00 (Ft) **Width:** 1850.00 (Ft) **True Area:** 67896.00002 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2002	CR-AC	Complete Reconstruction - AC	0.00	2.00	☑	

Network: NEW SMYRNA BEA **Branch:** TW B TAXIWAY B **Section:** 215 **Surface:**AC

L.C.D. 1/1/2002 **Use:** TAXIWAY **Rank:** P **Length:** 35.00 (Ft) **Width:** 2990.00 (Ft) **True Area:** 105867.0000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2002	CR-AC	Complete Reconstruction - AC	0.00	2.00	☑	

Network: NEW SMYRNA BEA **Branch:** TW C TAXIWAY C **Section:** 305 **Surface:**PCC

L.C.D. 1/1/2002 **Use:** TAXIWAY **Rank:** P **Length:** 988.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 48858.00001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2002	OL-PC	Overlay - PCC	0.00	0.00	☑	
1/1/1997	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** TW C TAXIWAY C **Section:** 310 **Surface:**AC

L.C.D. 1/1/2002 **Use:** TAXIWAY **Rank:** P **Length:** 308.00 (Ft) **Width:** 43.00 (Ft) **True Area:** 13657.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2002	NC-AC	New Construction - AC	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** TW C TAXIWAY C **Section:** 312 **Surface:**AC

L.C.D. 4/1/2022 **Use:** TAXIWAY **Rank:** P **Length:** 370.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 12746.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
4/1/2022	CR-AC	Complete Reconstruction - AC	0.00	0.00	☑	4" P-401, 6" P-211
1/1/2002	NC-AC	New Construction - AC	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** TW C TAXIWAY C **Section:** 314 **Surface:**AC

L.C.D. 4/1/2022 **Use:** TAXIWAY **Rank:** P **Length:** 1,010.00 (Ft) **Width:** 60.00 (Ft) **True Area:** 57036.00001 (SqFt

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

Network: NEW SMYRNA BEA **Branch:** TW C TAXIWAY C **Section:** 315 **Surface:**AC

L.C.D. 4/1/2022 **Use:** TAXIWAY **Rank:** P **Length:** 700.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 24500.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
4/1/2022	CR-AC	Complete Reconstruction - AC	0.00	0.00	☑	Cold milling existing asphalt full dept
1/1/2002	CR-AC	Complete Reconstruction - AC	0.00	2.00	☑	

Network: NEW SMYRNA BEA **Branch:** TW C TAXIWAY C **Section:** 325 **Surface:**AC

L.C.D. 1/1/2002 **Use:** TAXIWAY **Rank:** P **Length:** 88.00 (Ft) **Width:** 69.00 (Ft) **True Area:** 5247.000001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2002	CR-AC	Complete Reconstruction - AC	0.00	2.00	☑	

Network: NEW SMYRNA BEA **Branch:** TW C TAXIWAY C **Section:** 330 **Surface:**AC

L.C.D. 4/1/2022 **Use:** TAXIWAY **Rank:** P **Length:** 1,215.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 44997.00001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
4/1/2022	CR-AC	Complete Reconstruction - AC	0.00	0.00	☑	Cold milling existing asphalt full dept
1/1/2002	CR-AC	Complete Reconstruction - AC	0.00	2.00	☑	

Network: NEW SMYRNA BEA **Branch:** TW C TAXIWAY C **Section:** 345 **Surface:**AC

L.C.D. 1/1/2012 **Use:** TAXIWAY **Rank:** P **Length:** 1,125.00 (Ft) **Width:** 70.00 (Ft) **True Area:** 86977.00002 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2012	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** TW D TAXIWAY D **Section:** 405 **Surface:**AC

L.C.D. 1/1/2002 **Use:** TAXIWAY **Rank:** P **Length:** 1,200.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 50628.00001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2002	CR-AC	Complete Reconstruction - AC	0.00	2.00	☑	

Network: NEW SMYRNA BEA **Branch:** TW D TAXIWAY D **Section:** 415 **Surface:**AC

L.C.D. 1/1/1943 **Use:** TAXIWAY **Rank:** P **Length:** 140.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 7000.000002 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1943	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** TW D TAXIWAY D **Section:** 425 **Surface:**AC

L.C.D. 1/1/2014 **Use:** TAXIWAY **Rank:** P **Length:** 700.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 27118.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2014	CR-AC	Complete Reconstruction - AC	0.00	0.00	☑	Remove Existing Asphalt and Rework
1/1/1943	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** TW D TAXIWAY D **Section:** 427 **Surface:**AC

L.C.D. 1/1/2014 **Use:** TAXIWAY **Rank:** P **Length:** 1,100.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 40335.00001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2014	CR-AC	Complete Reconstruction - AC	0.00	0.00	☑	Remove Existing Asphalt and Rework
1/1/1943	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** TW D TAXIWAY D **Section:** 430 **Surface:**AAC

L.C.D. 1/1/2016 **Use:** TAXIWAY **Rank:** P **Length:** 2,100.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 84969.00002 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2016	ML-OVL	Mill and Overlay	0.00	0.00	☑	
1/1/1943	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** TW E TAXIWAY E **Section:** 505 **Surface:**AC

L.C.D. 1/1/2014 **Use:** TAXIWAY **Rank:** P **Length:** 35.00 (Ft) **Width:** 500.00 (Ft) **True Area:** 17197.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2014	CR-AC	Complete Reconstruction - AC	0.00	0.00	☑	Remove Existing 1 1/2" AC, Rework
1/1/1943	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** TW E TAXIWAY E **Section:** 510 **Surface:**AC

L.C.D. 1/1/2014 **Use:** TAXIWAY **Rank:** P **Length:** 35.00 (Ft) **Width:** 720.00 (Ft) **True Area:** 24594.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2014	CR-AC	Complete Reconstruction - AC	0.00	0.00	☑	Remove Existing 1 1/2" AC, Rework
1/1/1943	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** TW E TAXIWAY E **Section:** 515 **Surface:**AC

L.C.D. 7/1/2011 **Use:** TAXIWAY **Rank:** P **Length:** 50.00 (Ft) **Width:** 1050.00 (Ft) **True Area:** 52494.00001 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
7/1/2011	NU-IN	New Construction - Initial	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** TW E TAXIWAY E **Section:** 520 **Surface:**AC

L.C.D. 1/1/2014 **Use:** TAXIWAY **Rank:** P **Length:** 35.00 (Ft) **Width:** 900.00 (Ft) **True Area:** 27412.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2014	NU-IN	New Construction - Initial	0.00	0.00	☑	2" P-401, 8" P-211, 8" P-152

Network: NEW SMYRNA BEA **Branch:** TW E TAXIWAY E **Section:** 530 **Surface:**AC

L.C.D. 1/1/2018 **Use:** TAXIWAY **Rank:** P **Length:** 2,100.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 76505.00002 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2018	CR-AC	Complete Reconstruction - AC	0.00	0.00	☑	2" P-401, REWORK EXIST. 8" LIME
1/1/1940	NC-AC	New Construction - AC	0.00	0.00	☑	

Network: NEW SMYRNA BEA **Branch:** TW F TAXIWAY F **Section:** 610 **Surface:**AC

L.C.D. 12/1/2020 **Use:** TAXIWAY **Rank:** P **Length:** 415.00 (Ft) **Width:** 52.00 (Ft) **True Area:** 28075.00000 (SqFt

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
12/1/2020	NC-AC	New Construction - AC	0.00	0.00	☑	

Summary:

Work Description	Section Count	Area Total (SqFt)	Thickness Avg (in)	Thickness STD (in)
Complete Reconstruction - AC	18	625,491.00	0.78	0.97
Complete Reconstruction - PCC	3	11,550.00	0.00	0.00
Mill and Overlay	8	796,494.00	0.00	0.00
New Construction - AC	11	344,515.00	0.00	0.00
New Construction - Initial	51	1,965,596.00	0.00	0.00
New Construction - PCC	4	62,383.00	0.00	0.00
Overlay - PCC	8	161,979.00	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	21	4,218.00	94.19	249,583.00	APRON	55.62	37.22	53.05
AP RU	1	325.00	150.00	46,282.00	APRON	32.00	0.00	32.00
AP S	2	1,125.00	88.00	101,441.00	APRON	54.50	45.50	49.36
AP SE	1	375.00	25.00	8,835.00	APRON	1.00	0.00	1.00
RW 11-29	1	4,319.00	75.00	323,925.00	RUNWAY	81.00	0.00	81.00
RW 2-20	6	4,195.00	100.00	387,523.00	RUNWAY	51.83	24.27	37.11
RW 7-25	5	4,890.00	125.00	375,128.00	RUNWAY	85.60	5.31	88.20
TL T-HANG	3	2,103.00	24.00	50,850.00	TAXILANE	83.00	14.76	75.36
TW A	5	3,585.00	51.60	142,094.00	TAXIWAY	71.20	16.14	61.38
TW B	2	70.00	2,420.00	173,763.00	TAXIWAY	68.50	4.50	67.52
TW C	7	4,816.00	49.57	245,160.00	TAXIWAY	82.57	24.61	90.42
TW D	5	5,240.00	41.00	210,050.00	TAXIWAY	71.60	25.63	81.53
TW E	5	2,255.00	641.00	198,202.00	TAXIWAY	90.00	3.29	90.18
TW F	1	415.00	52.00	28,075.00	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	25	406,141.00	52.40	38.22	48.60
RUNWAY	12	1,086,576.00	68.33	24.08	67.83
TAXILANE	3	50,850.00	83.00	14.76	75.36
TAXIWAY	25	997,344.00	79.16	20.84	80.64
ALL	65	2,540,911.00	67.05	31.57	69.94

Pavement Database: FDOT *NetworkId: EVB*

Branch ID	Section ID	Last Const. Date	Surface	Use	Rank	Lanes	True Area (SqFt)	Last Inspection Date	Age At Inspection	PCI
AP	4102	1/1/1984	PCC	APRON	P	0	20,539.00	1/24/2022	38	4
AP	4103	4/1/2022	AC	APRON	P	0	9,336.00	4/1/2022	0	100
AP	4104	1/1/1984	AC	APRON	P	0	3,872.00	1/24/2022	38	43
AP	4105	1/1/1965	PCC	APRON	P	0	6,440.00	1/24/2022	57	9
AP	4106	12/1/2020	PCC	APRON	P	0	3,540.00	12/1/2020	0	100
AP	4107	12/1/2020	AC	APRON	P	0	12,117.00	12/1/2020	0	100
AP	4108	12/1/2020	PCC	APRON	P	0	8,757.00	12/1/2020	0	100
AP	4110	1/1/1980	PCC	APRON	P	0	1,950.00	1/24/2022	42	7
AP	4115	1/1/1975	PCC	APRON	P	0	8,775.00	1/24/2022	47	1
AP	4124	1/1/2002	PCC	APRON	P	0	6,450.00	1/24/2022	20	73
AP	4127	1/1/2019	PCC	APRON	P	0	1,560.00	1/24/2022	3	87
AP	4128	12/1/2020	PCC	APRON	P	0	6,565.00	12/1/2020	0	100
AP	4129	12/1/2020	PCC	APRON	P	0	2,070.00	12/1/2020	0	100
AP	4130	1/1/1997	PCC	APRON	P	0	23,150.00	1/24/2022	25	47
AP	4132	1/1/1997	PCC	APRON	P	0	17,074.00	1/24/2022	25	23
AP	4135	1/1/1975	AC	APRON	P	0	4,290.00	1/24/2022	47	33
AP	4140	1/1/1980	AC	APRON	P	0	37,036.00	1/24/2022	42	35
AP	4145	1/1/1986	AC	APRON	P	0	17,888.00	1/24/2022	36	65
AP	4160	1/1/1975	AC	APRON	P	0	10,001.00	1/24/2022	47	41
AP	4165	1/1/1991	PCC	APRON	P	0	9,517.00	1/24/2022	31	10
AP	4190	1/1/2012	PCC	APRON	P	0	38,656.00	1/24/2022	10	90
AP RU	5105	1/1/1943	AC	APRON	P	0	46,282.00	1/24/2022	79	32
AP S	4215	1/1/1943	PCC	APRON	P	0	56,450.00	1/24/2022	79	9
AP S	4225	12/1/2020	PCC	APRON	P	0	44,991.00	12/1/2020	0	100
AP SE	4220	12/25/1999	PCC	APRON	P	0	8,835.00	1/24/2022	23	1
RW 11-29	6105	1/1/2014	AAC	RUNWAY	P	0	323,925.00	1/24/2022	8	81
RW 2-20	6405	1/1/1943	AC	RUNWAY	P	0	78,400.00	1/24/2022	79	33
RW 2-20	6425	1/1/1943	AC	RUNWAY	P	0	254,789.00	1/24/2022	79	34
RW 2-20	6427	1/1/2014	AC	RUNWAY	P	0	11,862.00	1/24/2022	8	89
RW 2-20	6430	1/1/1977	AC	RUNWAY	P	0	5,000.00	1/24/2022	45	38
RW 2-20	6435	1/1/2014	AAC	RUNWAY	P	0	12,472.00	1/24/2022	8	83
RW 2-20	6450	1/1/1977	AC	RUNWAY	P	0	25,000.00	1/24/2022	45	34
RW 7-25	6202	1/1/2008	AAC	RUNWAY	P	0	18,750.00	1/24/2022	14	76
RW 7-25	6205	1/1/2016	AAC	RUNWAY	P	0	324,750.00	1/24/2022	6	89
RW 7-25	6210	1/1/2008	AAC	RUNWAY	P	0	11,378.00	1/24/2022	14	84
RW 7-25	6215	1/1/2016	AAC	RUNWAY	P	0	7,125.00	1/24/2022	6	91
RW 7-25	6220	1/1/2016	AAC	RUNWAY	P	0	13,125.00	1/24/2022	6	88
TL T-HANG	4320	1/1/2002	AC	TAXILANE	P	0	31,261.00	1/24/2022	20	64
TL T-HANG	4340	1/1/2010	AC	TAXILANE	P	0	8,491.00	1/24/2022	12	85
TL T-HANG	4360	3/1/2021	AC	TAXILANE	P	0	11,098.00	3/1/2021	0	100
TW A	102	1/1/2011	AC	TAXIWAY	P	0	22,287.00	1/24/2022	11	85
TW A	105	1/1/1977	AC	TAXIWAY	P	0	93,280.00	1/24/2022	45	51
TW A	110	7/1/2011	AC	TAXIWAY	P	0	16,319.00	1/24/2022	11	82
TW A	115	1/1/2014	AC	TAXIWAY	P	0	5,905.00	1/24/2022	8	86
TW A	125	1/1/2002	AC	TAXIWAY	P	0	4,303.00	1/24/2022	20	52
TW B	210	1/1/2002	AC	TAXIWAY	P	0	67,896.00	1/24/2022	20	73
TW B	215	1/1/2002	AC	TAXIWAY	P	0	105,867.00	1/24/2022	20	64
TW C	310	1/1/2002	AC	TAXIWAY	P	0	13,657.00	1/24/2022	20	33
TW C	312	4/1/2022	AC	TAXIWAY	P	0	12,746.00	4/1/2022	0	100
TW C	314	4/1/2022	AC	TAXIWAY	P	0	57,036.00	4/1/2022	0	100

TW C	315	4/1/2022	AC	TAXIWAY	P	0	24,500.00	4/1/2022	0	100
TW C	325	1/1/2002	AC	TAXIWAY	P	0	5,247.00	1/24/2022	20	59
TW C	330	4/1/2022	AC	TAXIWAY	P	0	44,997.00	4/1/2022	0	100
TW C	345	1/1/2012	AC	TAXIWAY	P	0	86,977.00	1/24/2022	10	86
TW D	405	1/1/2002	AC	TAXIWAY	P	0	50,628.00	1/24/2022	20	68
TW D	415	1/1/1943	AC	TAXIWAY	P	0	7,000.00	1/24/2022	79	23
TW D	425	1/1/2014	AC	TAXIWAY	P	0	27,118.00	1/24/2022	8	89
TW D	427	1/1/2014	AC	TAXIWAY	P	0	40,335.00	1/24/2022	8	90
TW D	430	1/1/2016	AAC	TAXIWAY	P	0	84,969.00	1/24/2022	6	88
TW E	505	1/1/2014	AC	TAXIWAY	P	0	17,197.00	1/24/2022	8	91
TW E	510	1/1/2014	AC	TAXIWAY	P	0	24,594.00	1/24/2022	8	90
TW E	515	7/1/2011	AC	TAXIWAY	P	0	52,494.00	1/24/2022	11	84
TW E	520	1/1/2014	AC	TAXIWAY	P	0	27,412.00	1/24/2022	8	91
TW E	530	1/1/2018	AC	TAXIWAY	P	0	76,505.00	1/24/2022	4	94
TW F	610	12/1/2020	AC	TAXIWAY	P	0	28,075.00	12/1/2020	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		265,828.00	13	100.00	0.00	100.00
03-05	4	78,065.00	2	90.50	3.50	93.86
06-10	8	1,046,422.00	15	88.13	2.87	86.29
11-15	12	129,719.00	6	82.67	3.14	82.83
16-20	20	285,309.00	8	60.75	12.37	65.30
21-25	24	49,059.00	3	23.67	18.79	30.36
31-35	31	9,517.00	1	10.00	0.00	10.00
36-40	37	42,299.00	3	37.33	25.22	33.37
41-50	45	185,332.00	8	30.00	15.99	41.37
50+	75	449,361.00	6	23.33	10.75	29.95
ALL	21	2,540,911.00	65	67.05	31.57	69.94

Appendix B: Maintenance and Rehabilitation Planning Needs

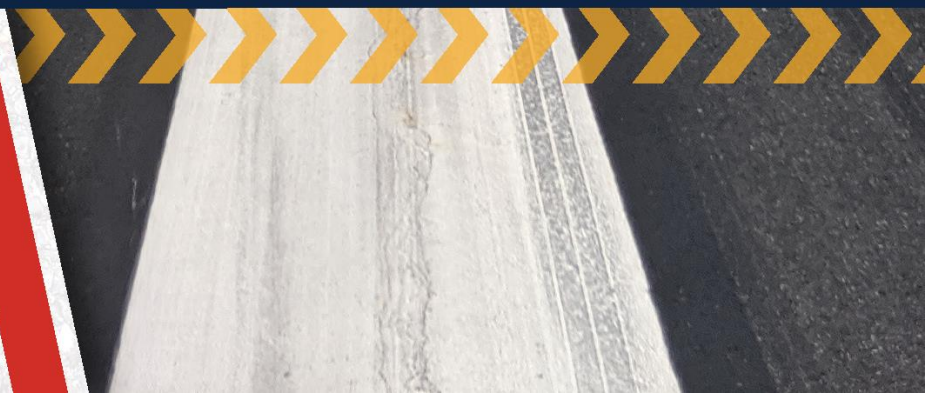


Table B.1: Localized Maintenance and Repair Needs Based on Current Distresses

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
EVB	RW 2-20	6427	WEATHERING	Medium	237	SF	2.0%	Preventive	Surface Seal	237	SF	$ 0.75	$ 180
EVB	RW 2-20	6435	WEATHERING	Medium	1,870	SF	15.0%	Preventive	Surface Seal	1,870	SF	$ 0.75	$ 1,410
EVB	RW 7-25	6202	WEATHERING	Medium	9,375	SF	50.0%	Preventive	Surface Seal	9,375	SF	$ 0.75	$ 7,040
EVB	RW 7-25	6205	L & T CR	Medium	96	LF	0.0%	Preventive	AC Crack Sealing	96	LF	$ 4.00	$ 390
EVB	RW 7-25	6210	WEATHERING	Medium	1,138	SF	10.0%	Preventive	Surface Seal	1,138	SF	$ 0.75	$ 860
EVB	RW 11-29	6105	L & T CR	Medium	34	LF	0.0%	Preventive	AC Crack Sealing	34	LF	$ 4.00	$ 140
EVB	RW 11-29	6105	WEATHERING	Medium	20,702	SF	6.4%	Preventive	Surface Seal	20,702	SF	$ 0.75	$ 15,530
EVB	TW A	102	RAVELING	Low	2,229	SF	10.0%	Preventive	Surface Seal	2,229	SF	$ 0.75	$ 1,680
EVB	TW A	110	WEATHERING	Medium	3,263	SF	20.0%	Preventive	Surface Seal	3,264	SF	$ 0.75	$ 2,450
EVB	TW A	115	WEATHERING	Medium	296	SF	5.0%	Preventive	Surface Seal	296	SF	$ 0.75	$ 230
EVB	TW B	210	L & T CR	Medium	323	LF	0.5%	Preventive	AC Crack Sealing	323	LF	$ 4.00	$ 1,300
EVB	TW B	210	RAVELING	Low	2,263	SF	3.3%	Preventive	Surface Seal	2,264	SF	$ 0.75	$ 1,700
EVB	TW B	210	WEATHERING	Medium	9,053	SF	13.3%	Preventive	Surface Seal	9,053	SF	$ 0.75	$ 6,790
EVB	TW C	345	WEATHERING	Medium	7,446	SF	8.6%	Preventive	Surface Seal	7,445	SF	$ 0.75	$ 5,590
EVB	TW E	505	WEATHERING	Medium	860	SF	5.0%	Preventive	Surface Seal	860	SF	$ 0.75	$ 650
EVB	TW E	515	WEATHERING	Medium	10,499	SF	20.0%	Preventive	Surface Seal	10,499	SF	$ 0.75	$ 7,880
EVB	TW E	520	WEATHERING	Medium	1,369	SF	5.0%	Preventive	Surface Seal	1,369	SF	$ 0.75	$ 1,030
EVB	TL T-HANG	4340	WEATHERING	Medium	849	SF	10.0%	Preventive	Surface Seal	849	SF	$ 0.75	$ 640
EVB	AP	4124	JT SEAL DMG	High	52	Slabs	100.0%	Preventive	PCC Joint Seal	920	LF	$ 4.25	$ 3,920
EVB	AP	4124	CORNER SPALL	Medium	2	Slabs	4.2%	Preventive	PCC Partial-Depth Patching	5	SF	$ 169.00	$ 990
EVB	AP	4127	JT SEAL DMG	High	52	Slabs	100.0%	Preventive	PCC Joint Seal	444	LF	$ 4.25	$ 1,890
EVB	AP	4190	JT SEAL DMG	Low	258	Slabs	100.0%	Preventive	PCC Joint Seal	4,070	LF	$ 4.25	$ 17,300
EVB	AP	4190	JOINT SPALL	Medium	5	Slabs	2.1%	Preventive	PCC Partial-Depth Patching	34	SF	$ 169.00	$ 5,870
EVB	AP	4190	CORNER SPALL	Medium	5	Slabs	2.1%	Preventive	PCC Partial-Depth Patching	14	SF	$ 169.00	$ 2,450
EVB	RW 2-20	6425	PATCHING	High	1,070	SF	0.4%	Stopgap	AC Full-Depth Patching	1,206	SF	$ 10.00	$ 12,060
EVB	TW D	415	BLOCK CR	High	1,050	SF	15.0%	Stopgap	AC Crack Sealing	320	LF	$ 4.00	$ 1,290
EVB	AP	4102	CORNER BREAK	Medium	14	Slabs	20.0%	Stopgap	PCC Full-Depth Patching	459	SF	$ 50.00	$ 22,930
EVB	AP	4102	JT SEAL DMG	High	71	Slabs	100.0%	Stopgap	PCC Joint Seal	2,132	LF	$ 4.25	$ 9,060
EVB	AP	4102	SHAT. SLAB	Medium	14	Slabs	20.0%	Stopgap	PCC Crack Sealing	483	LF	$ 7.00	$ 3,380
EVB	AP	4102	SHAT. SLAB	High	14	Slabs	20.0%	Stopgap	PCC Slab Replacement	4,089	SF	$ 51.50	$ 210,620
EVB	AP	4102	JOINT SPALL	Medium	14	Slabs	20.0%	Stopgap	PCC Partial-Depth Patching	92	SF	$ 169.00	$ 15,500
EVB	AP	4102	CORNER SPALL	Medium	14	Slabs	20.0%	Stopgap	PCC Partial-Depth Patching	39	SF	$ 169.00	$ 6,460
EVB	AP	4105	LINEAR CR	Medium	1	Slabs	7.1%	Stopgap	PCC Crack Sealing	21	LF	$ 7.00	$ 150
EVB	AP	4105	JT SEAL DMG	High	13	Slabs	100.0%	Stopgap	PCC Joint Seal	202	LF	$ 4.25	$ 860
EVB	AP	4105	SHAT. SLAB	Medium	6	Slabs	42.9%	Stopgap	PCC Crack Sealing	251	LF	$ 7.00	$ 1,760
EVB	AP	4110	LINEAR CR	Medium	2	Slabs	25.0%	Stopgap	PCC Crack Sealing	34	LF	$ 7.00	$ 240
EVB	AP	4110	JT SEAL DMG	High	9	Slabs	100.0%	Stopgap	PCC Joint Seal	160	LF	$ 4.25	$ 690
EVB	AP	4110	SHAT. SLAB	Medium	7	Slabs	75.0%	Stopgap	PCC Crack Sealing	202	LF	$ 7.00	$ 1,420
EVB	AP	4115	CORNER BREAK	Medium	1	Slabs	3.9%	Stopgap	PCC Full-Depth Patching	26	SF	$ 50.00	$ 1,310
EVB	AP	4115	LINEAR CR	Medium	2	Slabs	11.5%	Stopgap	PCC Crack Sealing	51	LF	$ 7.00	$ 360
EVB	AP	4115	JT SEAL DMG	High	21	Slabs	100.0%	Stopgap	PCC Joint Seal	476	LF	$ 4.25	$ 2,030
EVB	AP	4115	SHAT. SLAB	Medium	13	Slabs	61.5%	Stopgap	PCC Crack Sealing	543	LF	$ 7.00	$ 3,800
EVB	AP	4115	SHAT. SLAB	High	3	Slabs	15.4%	Stopgap	PCC Slab Replacement	1,374	SF	$ 51.50	$ 70,720
EVB	AP	4115	JOINT SPALL	Medium	1	Slabs	3.9%	Stopgap	PCC Partial-Depth Patching	5	SF	$ 169.00	$ 890
EVB	AP	4130	LINEAR CR	Medium	14	Slabs	12.5%	Stopgap	PCC Crack Sealing	200	LF	$ 7.00	$ 1,400

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
EVB	AP	4130	JT SEAL DMG	High	110	Slabs	100.0%	Stopgap	PCC Joint Seal	3,038	LF	$ 4.25	$ 12,920
EVB	AP	4130	CORNER SPALL	Medium	5	Slabs	4.2%	Stopgap	PCC Partial-Depth Patching	12	SF	$ 169.00	$ 2,090
EVB	AP	4132	LINEAR CR	Medium	17	Slabs	38.9%	Stopgap	PCC Crack Sealing	334	LF	$ 7.00	$ 2,350
EVB	AP	4132	JT SEAL DMG	High	43	Slabs	100.0%	Stopgap	PCC Joint Seal	1,475	LF	$ 4.25	$ 6,270
EVB	AP	4132	SHAT. SLAB	Medium	5	Slabs	11.1%	Stopgap	PCC Crack Sealing	191	LF	$ 7.00	$ 1,340
EVB	AP	4132	JOINT SPALL	Medium	2	Slabs	5.6%	Stopgap	PCC Partial-Depth Patching	15	SF	$ 169.00	$ 2,610
EVB	AP	4135	ALLIGATOR CR	Medium	40	SF	0.9%	Stopgap	AC Full-Depth Patching	70	SF	$ 10.00	$ 700
EVB	AP	4140	RAVELING	High	139	SF	0.4%	Stopgap	AC Partial-Depth Patching	139	SF	$ 4.75	$ 660
EVB	AP	4160	BLOCK CR	High	71	SF	0.7%	Stopgap	AC Crack Sealing	22	LF	$ 4.00	$ 90
EVB	AP	4165	LARGE PATCH	High	2	Slabs	9.1%	Stopgap	PCC Full-Depth Patching	216	SF	$ 50.00	$ 10,810
EVB	AP	4165	SHAT. SLAB	Medium	3	Slabs	13.6%	Stopgap	PCC Crack Sealing	129	LF	$ 7.00	$ 910
EVB	AP RU	5105	BLOCK CR	High	103	SF	0.2%	Stopgap	AC Crack Sealing	32	LF	$ 4.00	$ 130
EVB	AP S	4215	CORNER BREAK	Medium	7	Slabs	5.0%	Stopgap	PCC Full-Depth Patching	228	SF	$ 50.00	$ 11,390
EVB	AP S	4215	LINEAR CR	Medium	11	Slabs	7.5%	Stopgap	PCC Crack Sealing	212	LF	$ 7.00	$ 1,490
EVB	AP S	4215	JT SEAL DMG	High	141	Slabs	100.0%	Stopgap	PCC Joint Seal	4,935	LF	$ 4.25	$ 20,980
EVB	AP S	4215	SMALL PATCH	High	4	Slabs	2.5%	Stopgap	PCC Partial-Depth Patching	10	SF	$ 169.00	$ 1,610
EVB	AP S	4215	SHAT. SLAB	Medium	56	Slabs	40.0%	Stopgap	PCC Crack Sealing	2,256	LF	$ 7.00	$ 15,800
EVB	AP S	4215	SHAT. SLAB	High	18	Slabs	12.5%	Stopgap	PCC Slab Replacement	7,050	SF	$ 51.50	$ 363,080
EVB	AP S	4215	JOINT SPALL	Medium	18	Slabs	12.5%	Stopgap	PCC Partial-Depth Patching	114	SF	$ 169.00	$ 19,240
EVB	AP S	4215	JOINT SPALL	High	7	Slabs	5.0%	Stopgap	PCC Partial-Depth Patching	57	SF	$ 169.00	$ 9,620
EVB	AP S	4215	CORNER SPALL	Medium	11	Slabs	7.5%	Stopgap	PCC Partial-Depth Patching	28	SF	$ 169.00	$ 4,810
EVB	AP SE	4220	CORNER BREAK	Medium	3	Slabs	5.0%	Stopgap	PCC Full-Depth Patching	84	SF	$ 50.00	$ 4,200
EVB	AP SE	4220	CORNER BREAK	High	4	Slabs	7.5%	Stopgap	PCC Full-Depth Patching	126	SF	$ 50.00	$ 6,300
EVB	AP SE	4220	CORNER BREAK	Medium	3	Slabs	5.0%	Stopgap	PCC Full-Depth Patching	84	SF	$ 50.00	$ 4,200
EVB	AP SE	4220	CORNER BREAK	High	4	Slabs	7.5%	Stopgap	PCC Full-Depth Patching	126	SF	$ 50.00	$ 6,300
EVB	AP SE	4220	LINEAR CR	Medium	7	Slabs	12.5%	Stopgap	PCC Crack Sealing	85	LF	$ 7.00	$ 600
EVB	AP SE	4220	JT SEAL DMG	High	52	Slabs	100.0%	Stopgap	PCC Joint Seal	1,042	LF	$ 4.25	$ 4,430
EVB	AP SE	4220	SHAT. SLAB	Medium	16	Slabs	30.0%	Stopgap	PCC Crack Sealing	406	LF	$ 7.00	$ 2,840
EVB	AP SE	4220	SHAT. SLAB	High	23	Slabs	45.0%	Stopgap	PCC Slab Replacement	3,955	SF	$ 51.50	$ 203,670
EVB	AP SE	4220	JOINT SPALL	Medium	1	Slabs	2.5%	Stopgap	PCC Partial-Depth Patching	9	SF	$ 169.00	$ 1,420

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	**EVB**	RW 2-20	6405	AC	78,400	32	AC Reconstruction	$ 1,255,000
2023	**EVB**	RW 2-20	6425	AC	254,789	33	AC Reconstruction	$ 4,077,000
2023	**EVB**	RW 2-20	6430	AC	5,000	38	AC Reconstruction	$ 80,000
2023	**EVB**	RW 2-20	6450	AC	25,000	33	AC Reconstruction	$ 400,000
2023	**EVB**	TW A	105	AC	93,280	50	AC Reconstruction	$ 1,493,000
2023	**EVB**	TW A	125	AC	4,303	51	AC Reconstruction	$ 69,000
2023	**EVB**	TW B	215	AC	105,867	63	AC Rehabilitation	$ 953,000
2023	**EVB**	TW C	310	AC	13,657	31	AC Reconstruction	$ 219,000
2023	**EVB**	TW C	325	AC	5,247	58	AC Rehabilitation	$ 48,000
2023	**EVB**	TW D	405	AC	50,628	66	AC Rehabilitation	$ 456,000
2023	**EVB**	TW D	415	AC	7,000	21	AC Reconstruction	$ 112,000
2023	**EVB**	TL T-HANG	4320	AC	31,261	63	AC Rehabilitation	$ 282,000
2023	**EVB**	AP	4102	PCC	20,539	3	PCC Reconstruction	$ 596,000
2023	**EVB**	AP	4104	AC	3,872	42	AC Reconstruction	$ 62,000
2023	**EVB**	AP	4105	PCC	6,440	8	PCC Reconstruction	$ 187,000
2023	**EVB**	AP	4110	PCC	1,950	6	PCC Reconstruction	$ 57,000
2023	**EVB**	AP	4115	PCC	8,775	0	PCC Reconstruction	$ 255,000
2023	**EVB**	AP	4130	PCC	23,150	46	PCC Reconstruction	$ 672,000
2023	**EVB**	AP	4132	PCC	17,074	22	PCC Reconstruction	$ 496,000
2023	**EVB**	AP	4135	AC	4,290	32	AC Reconstruction	$ 69,000
2023	**EVB**	AP	4140	AC	37,036	34	AC Reconstruction	$ 593,000
2023	**EVB**	AP	4145	AC	17,888	63	AC Rehabilitation	$ 161,000
2023	**EVB**	AP	4160	AC	10,001	40	AC Reconstruction	$ 161,000
2023	**EVB**	AP	4165	PCC	9,517	9	PCC Reconstruction	$ 276,000
2023	**EVB**	AP RU	5105	AC	46,282	31	AC Reconstruction	$ 741,000
2023	**EVB**	AP S	4215	PCC	56,450	8	PCC Reconstruction	$ 1,638,000
2023	**EVB**	AP SE	4220	PCC	8,835	0	PCC Reconstruction	$ 257,000
2024	**EVB**	TW B	210	AC	67,896	70	AC Rehabilitation	$ 642,000
2025	**EVB**	RW 7-25	6202	AAC	18,750	69	AC Rehabilitation	$ 187,000
2028	**EVB**	RW 11-29	6105	AAC	323,925	69	AC Rehabilitation	$ 3,721,000

Program Year	Network ID	Branch ID	Section ID	Surface	Area (SF)	PCI Before	Rehabilitation Type	Planning Cost Estimate
2029	**EVB**	RW 2-20	6435	AAC	12,472	69	AC Rehabilitation	$ 151,000
2029	**EVB**	RW 7-25	6210	AAC	11,378	70	AC Rehabilitation	$ 138,000
2030	**EVB**	TW A	110	AC	16,319	70	AC Rehabilitation	$ 207,000
2031	**EVB**	RW 7-25	6220	AAC	13,125	70	AC Rehabilitation	$ 175,000
2031	**EVB**	TW E	515	AC	52,494	70	AC Rehabilitation	$ 699,000
2032	**EVB**	RW 7-25	6205	AAC	324,750	69	AC Rehabilitation	$ 4,535,000
2032	**EVB**	TW A	102	AC	22,287	69	AC Rehabilitation	$ 312,000
2032	**EVB**	TW A	115	AC	5,905	70	AC Rehabilitation	$ 83,000
2032	**EVB**	TW C	345	AC	86,977	70	AC Rehabilitation	$ 1,215,000
2032	**EVB**	TL T-HANG	4340	AC	8,491	69	AC Rehabilitation	$ 119,000
2032	**EVB**	AP	4124	PCC	6,450	59	PCC Rehabilitation	$ 151,000

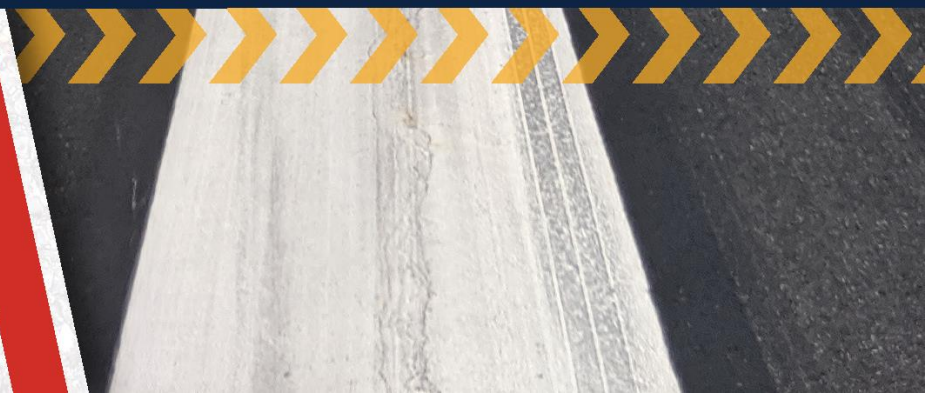
**All planning cost values have been rounded up to the nearest thousand dollars.*

Table B.3: Section-Level Major Rehabilitation Needs – Whitetopping Pavements

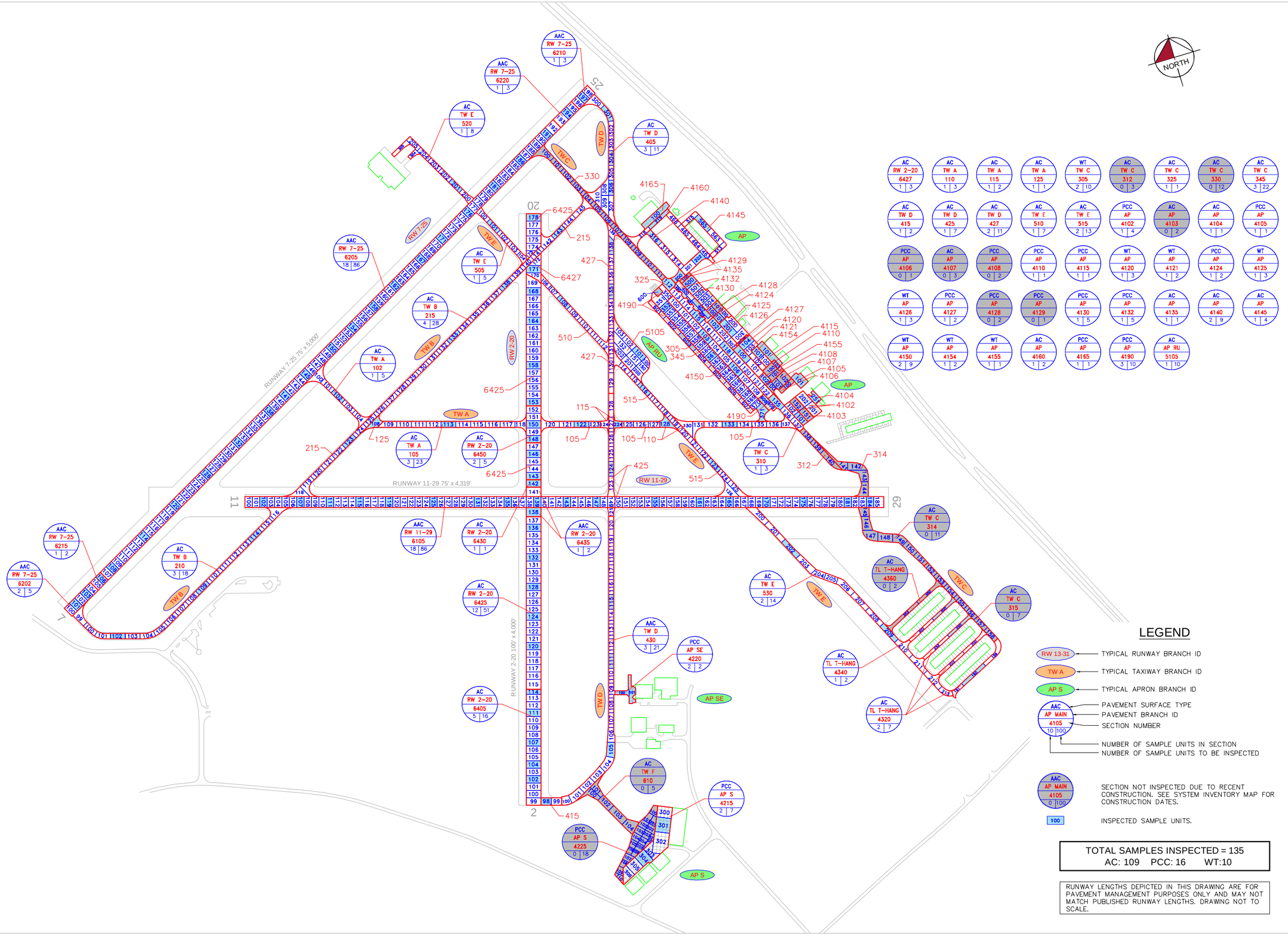
Program Year	Network ID	Branch ID	Section ID	Surface	Area (SF)	PASER Value Before	Rehabilitation Type	Planning Cost Estimate
2023	**EVB**	AP	4120	WT	14,180	2	PCC Rehabilitation	$ 213,000
2023	**EVB**	AP	4121	WT	12,650	2	PCC Rehabilitation	$ 190,000

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

Appendix C: Technical Exhibits



EVB



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 = 135
AC: 109 PCC: 16 WT:10

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 NETWORK DEFINITION EXHIBIT

Statewide Airfield Pavement Management Program

NEW SMYRNA BEACH MUNICIPAL AIRPORT

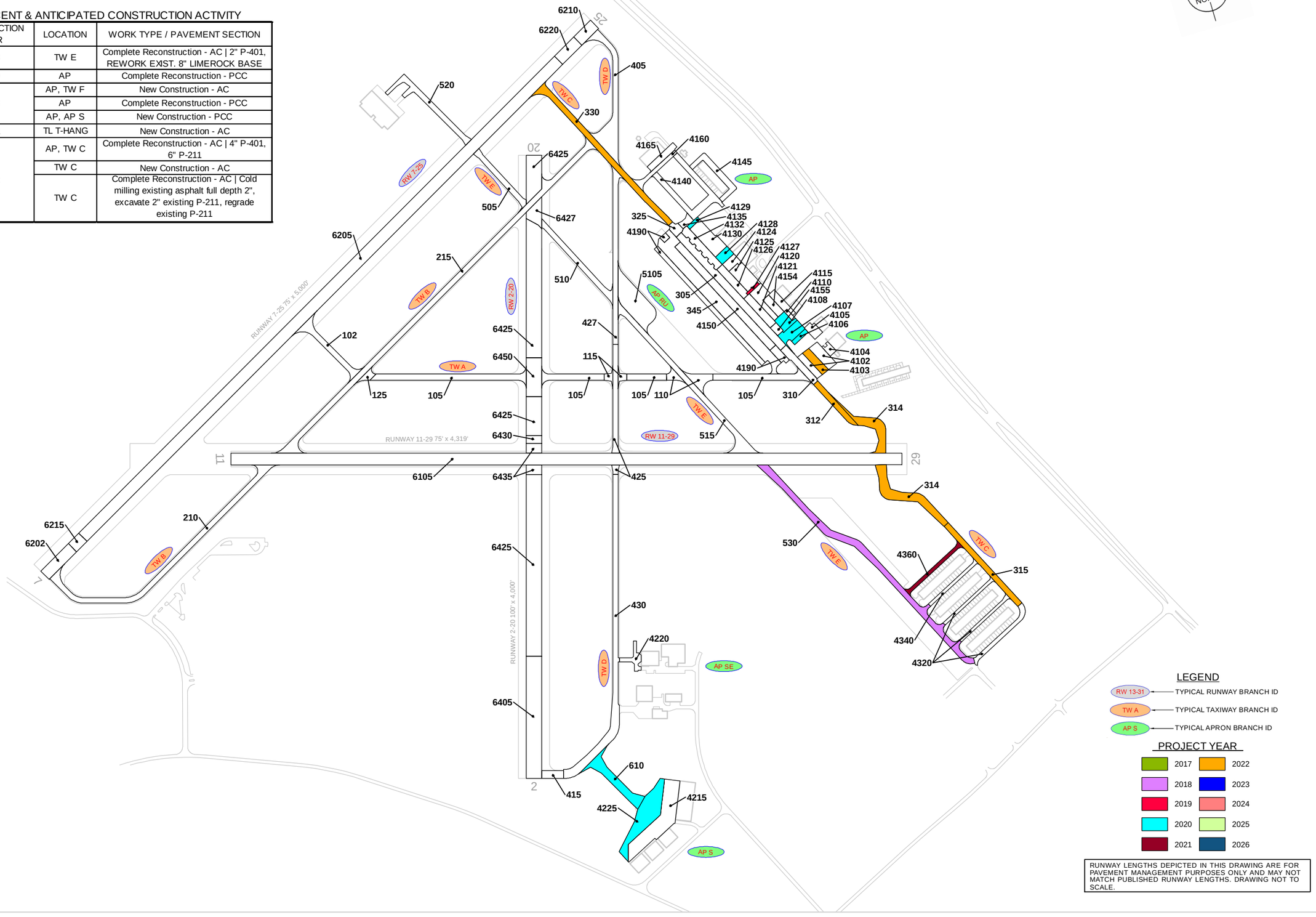
FDOT

2022

EVB

RECENT & ANTICIPATED CONSTRUCTION ACTIVITY

CONSTRUCTION YEAR	LOCATION	WORK TYPE / PAVEMENT SECTION
2018	TW E	Complete Reconstruction - AC | 2" P-401, REWORK EXIST. 8" LIMEROCK BASE
2019	AP	Complete Reconstruction - PCC
2020	AP, TW F	New Construction - AC
	AP	Complete Reconstruction - PCC
	AP, AP S	New Construction - PCC
2021	TL T-HANG	New Construction - AC
2022	AP, TW C	Complete Reconstruction - AC | 4" P-401, 6" P-211
	TW C	New Construction - AC
	TW C	Complete Reconstruction - AC | Cold milling existing asphalt full depth 2", excavate 2" existing P-211, regrade existing P-211



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.

AIRFIELD PAVEMENT SYSTEM INVENTORY EXHIBIT

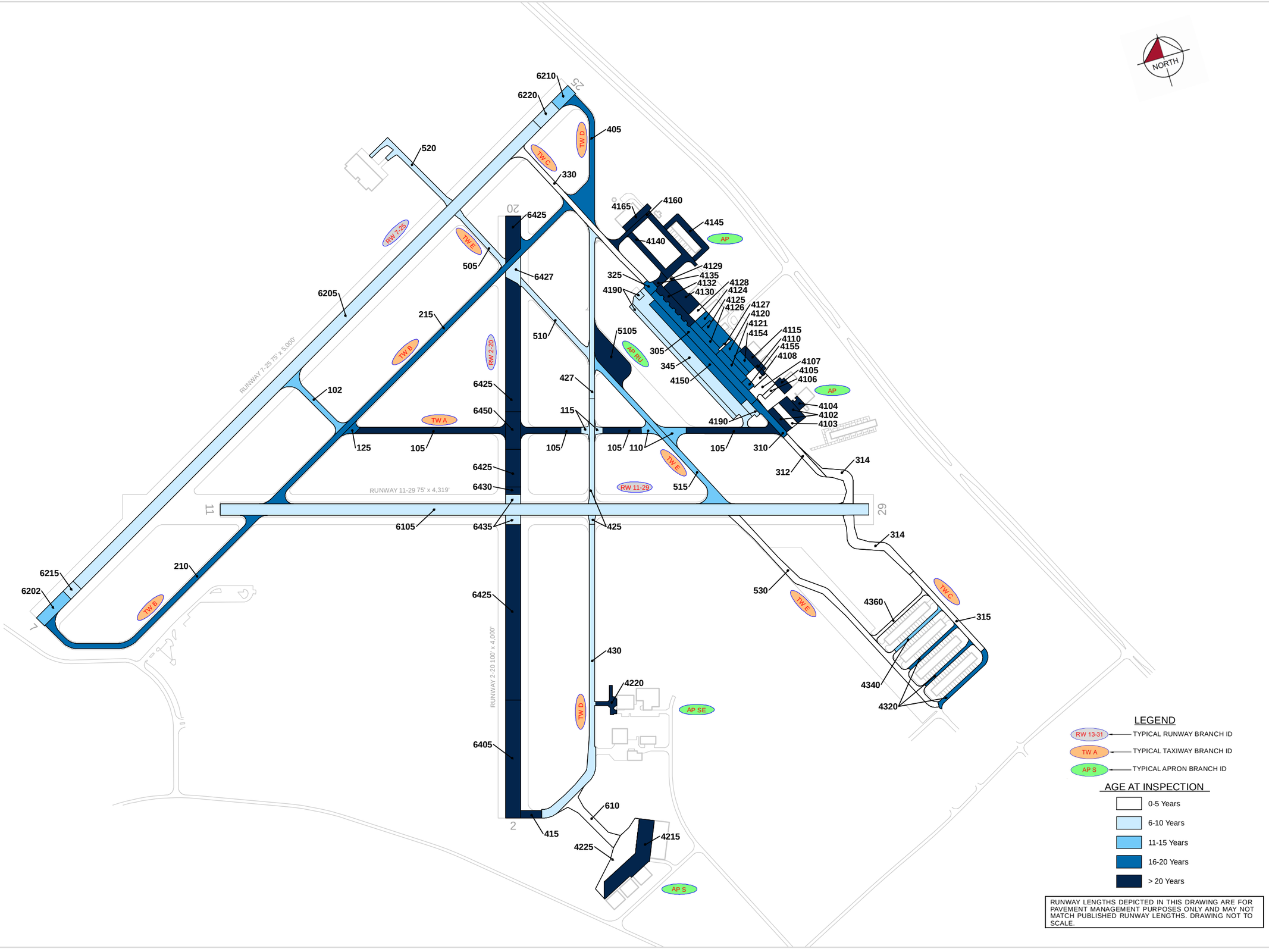
Statewide Airfield Pavement Management Program

NEW SMYRNA BEACH MUNICIPAL AIRPORT

FDOT

2022

EVB



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.

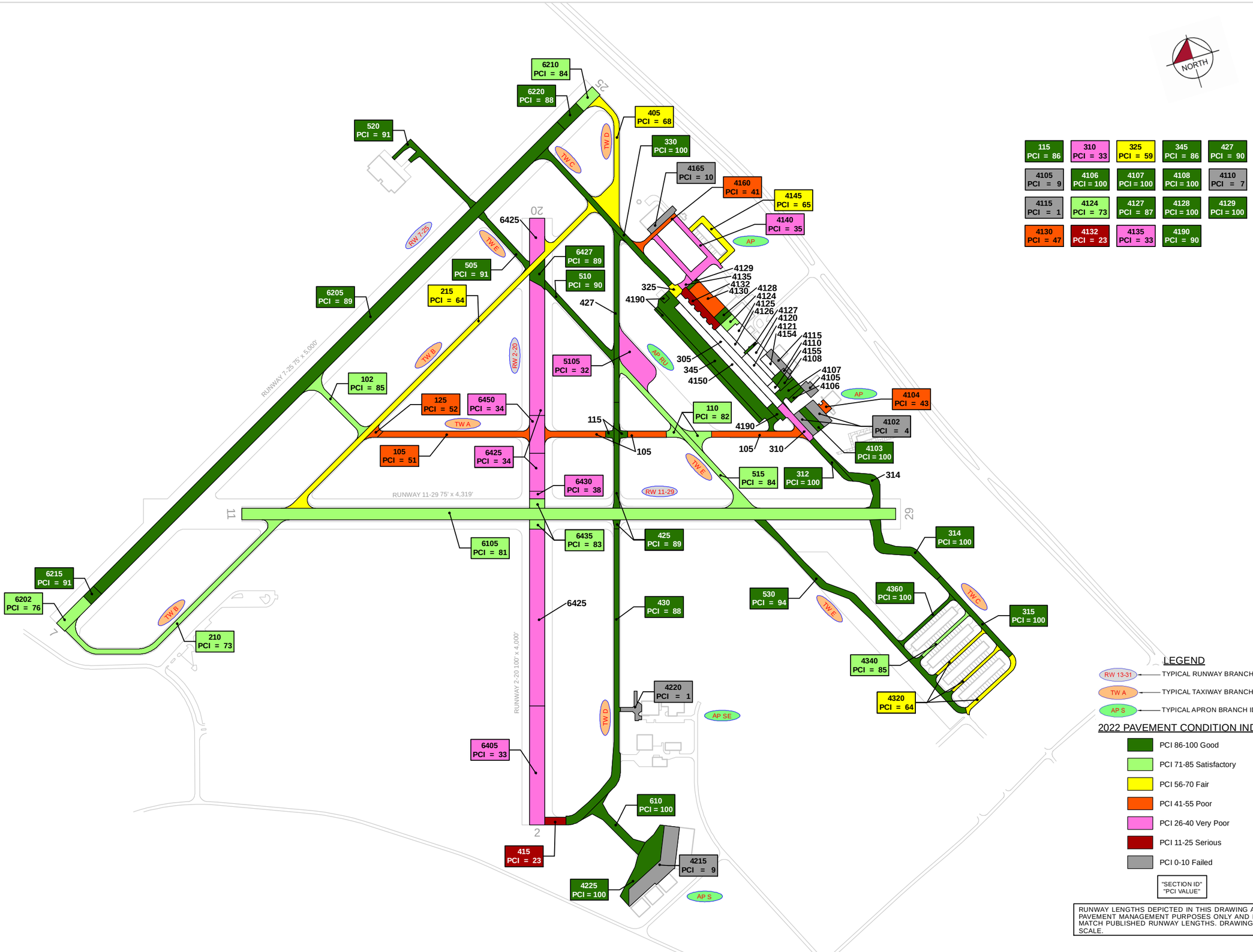
AIRFIELD PAVEMENT
ESTIMATED AGE EXHIBIT

Statewide Airfield Pavement Management Program

NEW SMYRNA BEACH MUNICIPAL AIRPORT

FDOT

2022



EVB

AIRFIELD PAVEMENT CONDITION INDEX EXHIBIT

Statewide Airfield Pavement Management Program

NEW SMYRNA BEACH MUNICIPAL AIRPORT

FDOT

2022

EVB

AIRFIELD PASER SURFACE RATING EXHIBIT - WHITETOPPING

Statewide Airfield Pavement Management Program

NEW SMYRNA BEACH MUNICIPAL AIRPORT

FDOT

2022

NORTH

AP

TW C

TW C

4125

4120

4154

4126

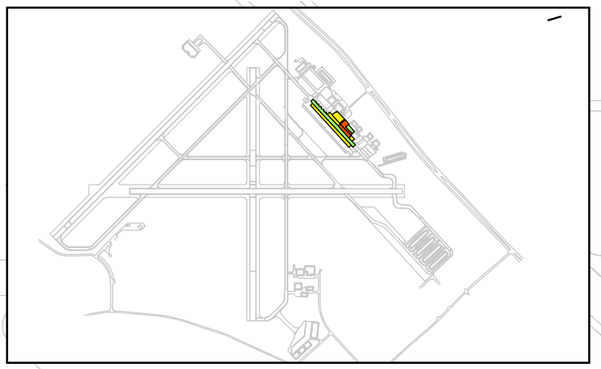
4121

4155

305

4150

INSET MAP

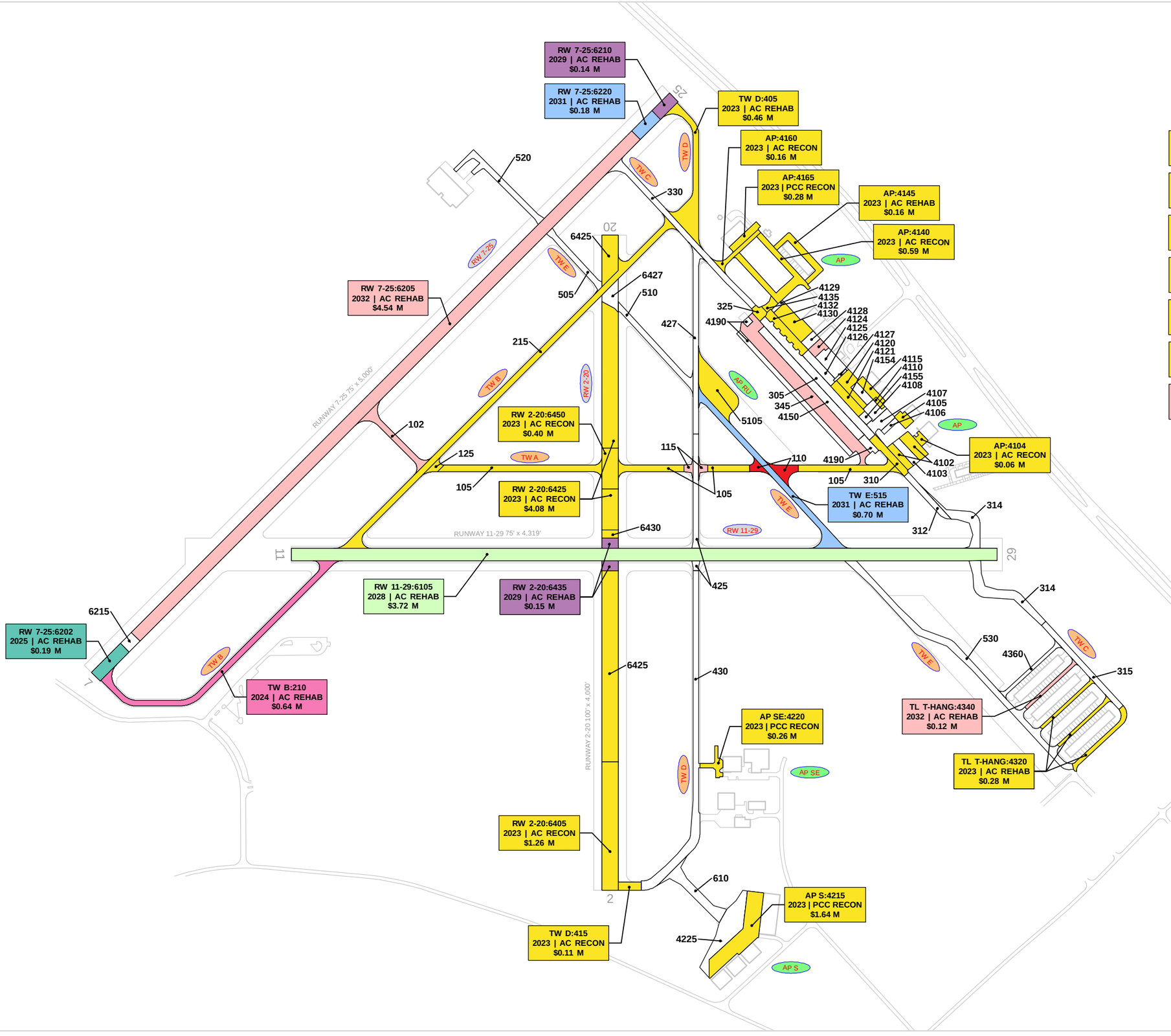


2022 PASER RATING (WHITETOPPING PAVEMENT)

- PASER 5 - Excellent
- PASER 4 - Good
- PASER 3 - Fair
- PASER 2 - Poor
- PASER 1 - Failed

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

EVB



NORTH

TW A:105 2023 | AC RECON $1.49 M	TW A:125 2023 | AC RECON $0.07 M	TW B:215 2023 | AC REHAB $0.95 M
TW C:310 2023 | AC RECON $0.22 M	TW C:325 2023 | AC REHAB $0.05 M	AP:4102 2023 | PCC RECON $0.60 M
AP:4105 2023 | PCC RECON $0.19 M	AP:4110 2023 | PCC RECON $0.06 M	AP:4115 2023 | PCC RECON $0.26 M
AP:4120 (WT) 2023 | PCC REHAB $0.21 M	AP:4121 (WT) 2023 | PCC REHAB $0.19 M	AP:4130 2023 | PCC RECON $0.67 M
AP:4132 2023 | PCC RECON $0.50 M	AP:4135 2023 | AC RECON $0.07 M	AP RU:5105 2023 | AC RECON $0.74 M
RW 2-20:6430 2023 | AC RECON $0.08 M	TW A:110 2030 | AC REHAB $0.21 M	TW A:102 2032 | AC REHAB $0.31 M
TW A:115 2032 | AC REHAB $0.08 M	TW C:345 2032 | AC REHAB $1.22 M	AP:4124 2032 | PCC REHAB $0.15 M

LEGEND

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

PROGRAM YEAR

2023	2028
2024	2029
2025	2030
2026	2031
2027	2032

"BRANCH":"SECTION"
"YEAR"|"REHAB ACTIVITY"
"EST. COST"

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 MAJOR REHABILITATION EXHIBIT

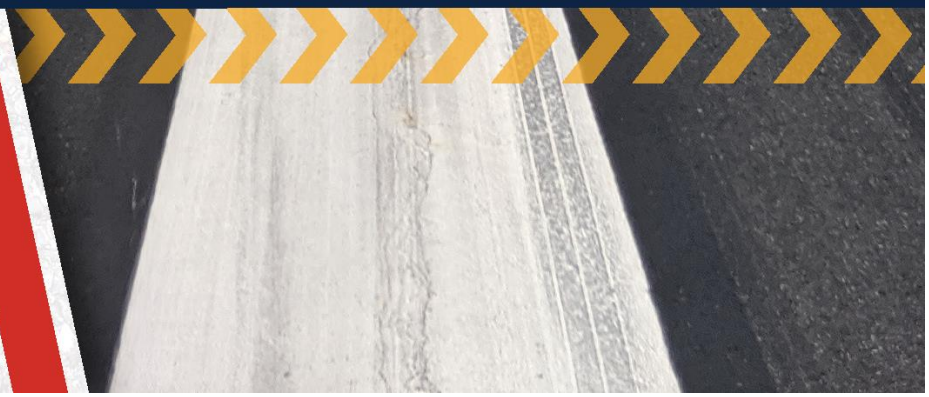
Statewide Airfield Pavement Management Program

NEW SMYRNA BEACH MUNICIPAL AIRPORT

FDOT

2022

Appendix D: Inspection Photograph Documentation



RW 2-20, Section 6405, Sample Unit 107 - Block Cracking

RW 2-20, Section 6425, Sample Unit 128 - Block Cracking

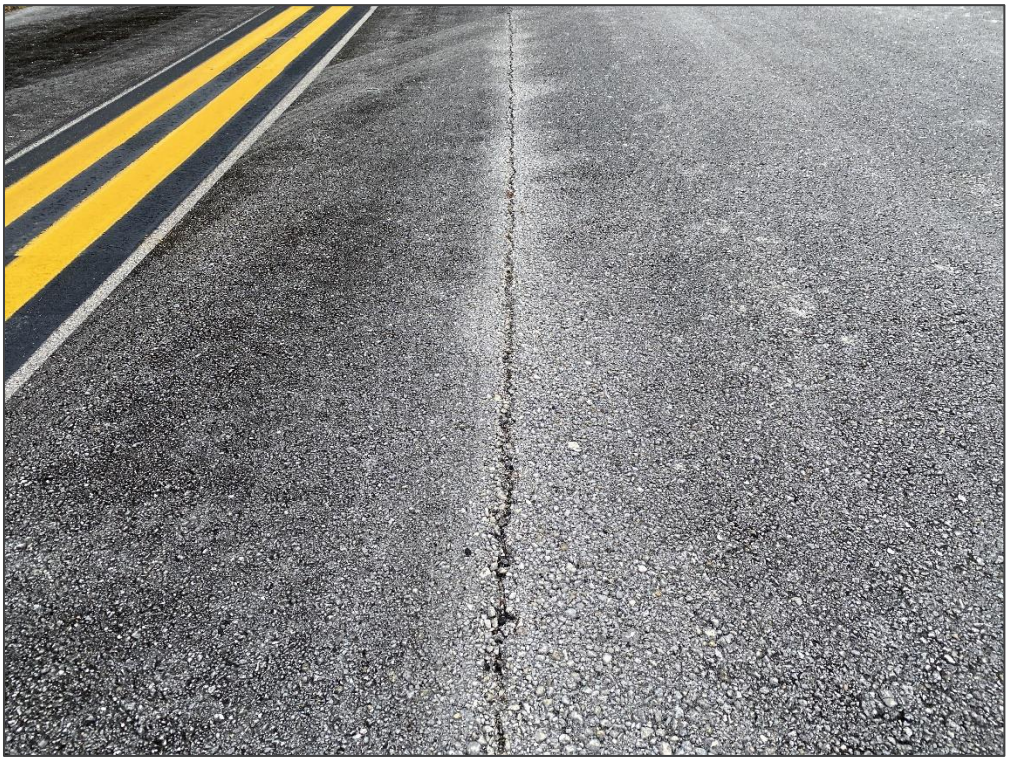
RW 7-25, Section 6202, Sample Unit 103 - Weathering

RW 7-25, Section 6205, Sample Unit 167 - Vicinity

RW 11-29, Section 6105, Sample Unit 119 - Patching

RW 11-29, Section 6105, Sample Unit 170 - Longitudinal & Transverse Cracking

TW A, Section 105, Sample Unit 133 - Vicinity



TW B, Section 215, Sample Unit 123 - Longitudinal & Transverse Cracking

TW C, Section 310, Sample Unit 135 - Longitudinal & Transverse Cracking

TW D, Section 415, Sample Unit 98 - Block Cracking

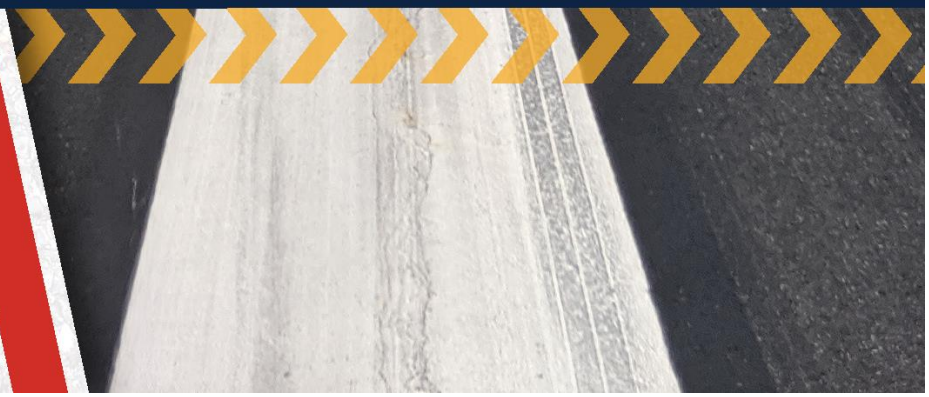
AP, Section 4102, Sample Unit 101 – Vicinity

AP, Section 4115, Sample Unit 101 - Shattered Slab

AP, Section 4121, Sample Unit 100 (Whitetopping) – Slab Cracking

AP, Section 4155, Sample Unit 102 (Whitetopping) – Slab Cracking

Appendix E: Inspection Distress Details



Re-Inspection Report

FDOT

Generated Date 11/17/2022

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: AP **Name:** APRON **Use:** APRON **Area:** 362,704 SqFt

Section: 4102 of 28 **From:** - **To:** - **Last Const.:** 1/1/1984

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

Area: 20,539 SqFt **Length:** 110 Ft **Width:** 187 Ft

Slabs: 71 **Slab Length:** 16 Ft **Slab Width:** 18 Ft **Joint Length:** 2,131 Ft

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

Section Comments:

Work Date: 1/1/1984 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 4 **Surveyed:** 1

Conditions: **PCI:** 4

Inspection Comments:

Sample Number: 101 **Type:** R **Area:** 15.00 Slabs **PCI:** 4

Sample Comments:

62	CORNER BREAK	L	2.00	Slabs
62	CORNER BREAK	M	3.00	Slabs
63	LINEAR CR	L	3.00	Slabs
65	JT SEAL DMG	H	15.00	Slabs
72	SHAT. SLAB	L	6.00	Slabs
72	SHAT. SLAB	M	3.00	Slabs
72	SHAT. SLAB	H	3.00	Slabs
73	SHRINKAGE CR	N	4.00	Slabs
74	JOINT SPALL	M	3.00	Slabs
75	CORNER SPALL	M	3.00	Slabs

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: AP **Name:** APRON **Use:** APRON **Area:** 362,704 SqFt

Section: 4103 of 28 **From:** - **To:** - **Last Const.:** 4/1/2022

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

Area: 9,336 SqFt **Length:** 50 Ft **Width:** 187 Ft

Slabs: 32 **Slab Length:** 16 Ft **Slab Width:** 18 Ft **Joint Length:** 867 Ft

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

Section Comments:

Work Date: 1/1/1984 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 4/1/2022 **Work Type:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Last Insp. Date: 3/11/2019 **TotalSamples:** 4 **Surveyed:** 1

Conditions: **PCI:** 5 **NOTE: *** Pre-Construction PCI *****

Inspection Comments:

Sample Number: 101 **Type:** R **Area:** 25.00 Slabs **PCI:** 5

Sample Comments:

62	CORNER BREAK	L	3.00	Slabs
62	CORNER BREAK	M	6.00	Slabs
62	CORNER BREAK	H	4.00	Slabs
63	LINEAR CR	L	3.00	Slabs
63	LINEAR CR	M	1.00	Slabs
65	JT SEAL DMG	H	25.00	Slabs
71	FAULTING	L	1.00	Slabs
72	SHAT. SLAB	L	5.00	Slabs
72	SHAT. SLAB	M	11.00	Slabs
73	SHRINKAGE CR	N	15.00	Slabs
74	JOINT SPALL	L	1.00	Slabs
74	JOINT SPALL	M	4.00	Slabs
74	JOINT SPALL	H	1.00	Slabs
75	CORNER SPALL	L	4.00	Slabs
75	CORNER SPALL	M	2.00	Slabs

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: AP **Name:** APRON **Use:** APRON **Area:** 362,704 SqFt

Section: 4104 of 28 **From:** - **To:** - **Last Const.:** 1/1/1984

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

Area: 3,872 SqFt **Length:** 52 Ft **Width:** 81 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:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 43

Inspection Comments:

Sample Number: 251 **Type:** R **Area:** 3872.00 SqFt **PCI:** 43

Sample Comments:

43	BLOCK CR	L	3155.00	SqFt
43	BLOCK CR	M	559.00	SqFt
50	PATCHING	L	158.00	SqFt
52	RAVELING	L	3714.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: AP **Name:** APRON **Use:** APRON **Area:** 362,704 SqFt

Section: 4105 of 28 **From:** - **To:** - **Last Const.:** 1/1/1965

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

Area: 6,440 SqFt **Length:** 72 Ft **Width:** 50 Ft

Slabs: 13 **Slab Length:** 20 Ft **Slab Width:** 25 Ft **Joint Length:** 202 Ft

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

Section Comments:

Work Date: 1/1/1965 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 9

Inspection Comments:

Sample Number: 101 **Type:** R **Area:** 14.00 Slabs **PCI:** 9

Sample Comments:

62	CORNER BREAK	L	1.00	Slabs
63	LINEAR CR	M	1.00	Slabs
65	JT SEAL DMG	H	14.00	Slabs
72	SHAT. SLAB	L	7.00	Slabs
72	SHAT. SLAB	M	6.00	Slabs

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: AP **Name:** APRON **Use:** APRON **Area:** 362,704 SqFt

Section: 4106 of 28 **From:** - **To:** - **Last Const.:** 12/1/2020

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

Area: 3,540 SqFt **Length:** 118 Ft **Width:** 30 Ft

Slabs: 7 **Slab Length:** 20 Ft **Slab Width:** 25 Ft **Joint Length:** 171 Ft

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

Section Comments:

Work Date: 1/1/1965 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 12/1/2020 **Work Type:** Complete Reconstruction - PCC **Code:** CR-PC **Is Major M&R:** True

Last Insp. Date: 3/11/2019 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 9 **NOTE: *** Pre-Construction PCI *****

Inspection Comments:

Sample Number: 101 **Type:** R **Area:** 25.00 Slabs **PCI:** 9

Sample Comments:

63	LINEAR CR	M	1.00	Slabs
65	JT SEAL DMG	H	25.00	Slabs
66	SMALL PATCH	M	1.00	Slabs
69	PUMPING	N	3.00	Slabs
71	FAULTING	L	1.00	Slabs
72	SHAT. SLAB	L	8.00	Slabs
72	SHAT. SLAB	M	15.00	Slabs
72	SHAT. SLAB	H	1.00	Slabs
73	SHRINKAGE CR	N	7.00	Slabs
74	JOINT SPALL	L	1.00	Slabs

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: AP **Name:** APRON **Use:** APRON **Area:** 362,704 SqFt

Section: 4110 of 28 **From:** - **To:** - **Last Const.:** 1/1/1980

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

Area: 1,950 SqFt **Length:** 75 Ft **Width:** 25 Ft

Slabs: 9 **Slab Length:** 12 Ft **Slab Width:** 18 Ft **Joint Length:** 160 Ft

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

Section Comments:

Work Date: 1/1/1980 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 7

Inspection Comments:

Sample Number: 103 **Type:** R **Area:** 8.00 Slabs **PCI:** 7

Sample Comments:

62	CORNER BREAK	L	1.00	Slabs
63	LINEAR CR	M	2.00	Slabs
65	JT SEAL DMG	H	8.00	Slabs
72	SHAT. SLAB	M	6.00	Slabs

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: AP **Name:** APRON **Use:** APRON **Area:** 362,704 SqFt

Section: 4115 of 28 **From:** - **To:** - **Last Const.:** 1/1/1975

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

Area: 8,775 SqFt **Length:** 140 Ft **Width:** 48 Ft

Slabs: 21 **Slab Length:** 17 Ft **Slab Width:** 25 Ft **Joint Length:** 476 Ft

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

Section Comments:

Work Date: 1/1/1975 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 1

Inspection Comments:

Sample Number: 101 **Type:** R **Area:** 26.00 Slabs **PCI:** 1

Sample Comments:

62	CORNER BREAK	L	1.00	Slabs
62	CORNER BREAK	M	1.00	Slabs
63	LINEAR CR	L	1.00	Slabs
63	LINEAR CR	M	3.00	Slabs
65	JT SEAL DMG	H	26.00	Slabs
72	SHAT. SLAB	L	2.00	Slabs
72	SHAT. SLAB	M	16.00	Slabs
72	SHAT. SLAB	H	4.00	Slabs
74	JOINT SPALL	M	1.00	Slabs

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: AP **Name:** APRON **Use:** APRON **Area:** 362,704 SqFt

Section: 4124 of 28 **From:** - **To:** - **Last Const.:** 1/1/2002

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

Area: 6,450 SqFt **Length:** 100 Ft **Width:** 60 Ft

Slabs: 52 **Slab Length:** 12 Ft **Slab Width:** 10 Ft **Joint Length:** 920 Ft

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

Section Comments:

Work Date: 1/1/1997 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 1/1/2002 **Work Type:** Complete Reconstruction - PCC **Code:** CR-PC **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 2 **Surveyed:** 1

Conditions: **PCI:** 73

Inspection Comments:

Sample Number: 101 **Type:** R **Area:** 24.00 Slabs **PCI:** 73

Sample Comments:

62	CORNER BREAK	L	1.00	Slabs
63	LINEAR CR	L	3.00	Slabs
65	JT SEAL DMG	H	24.00	Slabs
74	JOINT SPALL	L	1.00	Slabs
75	CORNER SPALL	L	1.00	Slabs
75	CORNER SPALL	M	1.00	Slabs

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: AP **Name:** APRON **Use:** APRON **Area:** 362,704 SqFt

Section: 4127 of 28 **From:** - **To:** - **Last Const.:** 1/1/2019

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

Area: 1,560 SqFt **Length:** 102 Ft **Width:** 15 Ft

Slabs: 52 **Slab Length:** 5 Ft **Slab Width:** 6 Ft **Joint Length:** 444 Ft

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

Section Comments:

Work Date: 1/1/1997 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 1/1/2019 **Work Type:** Complete Reconstruction - PCC **Code:** CR-PC **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 2 **Surveyed:** 1

Conditions: **PCI:** 87

Inspection Comments:

Sample Number: 100 **Type:** R **Area:** 24.00 Slabs **PCI:** 87

Sample Comments:

65	JT SEAL DMG	H	24.00	Slabs
74	JOINT SPALL	L	1.00	Slabs

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: AP **Name:** APRON **Use:** APRON **Area:** 362,704 SqFt

Section: 4130 of 28 **From:** - **To:** - **Last Const.:** 1/1/1997

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

Area: 23,150 SqFt **Length:** 100 Ft **Width:** 245 Ft

Slabs: 110 **Slab Length:** 14 Ft **Slab Width:** 15 Ft **Joint Length:** 3,038 Ft

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

Section Comments:

Work Date: 1/1/1997 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 5 **Surveyed:** 1

Conditions: **PCI:** 47

Inspection Comments:

Sample Number: 500 **Type:** R **Area:** 24.00 Slabs **PCI:** 47

Sample Comments:

63	LINEAR CR	L	4.00	Slabs
63	LINEAR CR	M	3.00	Slabs
65	JT SEAL DMG	H	24.00	Slabs
71	FAULTING	L	4.00	Slabs
73	SHRINKAGE CR	N	24.00	Slabs
75	CORNER SPALL	L	1.00	Slabs
75	CORNER SPALL	M	1.00	Slabs

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: AP **Name:** APRON **Use:** APRON **Area:** 362,704 SqFt

Section: 4132 of 28 **From:** - **To:** - **Last Const.:** 1/1/1997

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

Area: 17,074 SqFt **Length:** 55 Ft **Width:** 340 Ft

Slabs: 43 **Slab Length:** 20 Ft **Slab Width:** 20 Ft **Joint Length:** 1,475 Ft

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

Section Comments:

Work Date: 1/1/1997 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 5 **Surveyed:** 1

Conditions: **PCI:** 23

Inspection Comments:

Sample Number: 402 **Type:** R **Area:** 18.00 Slabs **PCI:** 23

Sample Comments:

62	CORNER BREAK	L	1.00	Slabs
63	LINEAR CR	L	2.00	Slabs
63	LINEAR CR	M	7.00	Slabs
65	JT SEAL DMG	H	18.00	Slabs
66	SMALL PATCH	L	2.00	Slabs
67	LARGE PATCH	L	2.00	Slabs
70	SCALING	L	8.00	Slabs
72	SHAT. SLAB	M	2.00	Slabs
74	JOINT SPALL	L	2.00	Slabs
74	JOINT SPALL	M	1.00	Slabs

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: AP **Name:** APRON **Use:** APRON **Area:** 362,704 SqFt

Section: 4135 of 28 **From:** - **To:** - **Last Const.:** 1/1/1975

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

Area: 4,290 SqFt **Length:** 88 Ft **Width:** 47 Ft

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

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

Section Comments:

Work Date: 1/1/1975 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 33

Inspection Comments:

Sample Number: 200 **Type:** R **Area:** 4290.00 SqFt **PCI:** 33

Sample Comments:

41	ALLIGATOR CR	M	40.00	SqFt
43	BLOCK CR	M	728.00	SqFt
45	DEPRESSION	L	24.00	SqFt
48	L & T CR	M	349.00	Ft
50	PATCHING	L	462.00	SqFt
52	RAVELING	L	3828.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: AP **Name:** APRON **Use:** APRON **Area:** 362,704 SqFt

Section: 4140 of 28 **From:** - **To:** - **Last Const.:** 1/1/1980

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

Area: 37,036 SqFt **Length:** 930 Ft **Width:** 40 Ft

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

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

Section Comments:

Work Date: 1/1/1980 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 9 **Surveyed:** 2

Conditions: **PCI:** 35

Inspection Comments:

Sample Number: 202 **Type:** R **Area:** 4482.00 SqFt **PCI:** 38

Sample Comments:

43	BLOCK CR	M	4482.00	SqFt
52	RAVELING	L	90.00	SqFt
57	WEATHERING	M	4392.00	SqFt

Sample Number: 316 **Type:** R **Area:** 4073.00 SqFt **PCI:** 32

Sample Comments:

43	BLOCK CR	M	4073.00	SqFt
52	RAVELING	L	3960.00	SqFt
52	RAVELING	M	81.00	SqFt
52	RAVELING	H	32.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: AP **Name:** APRON **Use:** APRON **Area:** 362,704 SqFt

Section: 4145 of 28 **From:** - **To:** - **Last Const.:** 1/1/1986

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

Area: 17,888 SqFt **Length:** 500 Ft **Width:** 35 Ft

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

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

Section Comments:

Work Date: 1/1/1986 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 4 **Surveyed:** 1

Conditions: **PCI:** 65

Inspection Comments:

Sample Number: 565 **Type:** R **Area:** 5125.00 SqFt **PCI:** 65

Sample Comments:

48	L & T CR	L	385.00	Ft
48	L & T CR	M	64.00	Ft
52	RAVELING	L	769.00	SqFt
57	WEATHERING	L	4356.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: AP **Name:** APRON **Use:** APRON **Area:** 362,704 SqFt

Section: 4160 of 28 **From:** - **To:** - **Last Const.:** 1/1/1975

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

Area: 10,001 SqFt **Length:** 25 Ft **Width:** 270 Ft

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

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

Section Comments:

Work Date: 1/1/1975 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 2 **Surveyed:** 1

Conditions: **PCI:** 41

Inspection Comments:

Sample Number: 219 **Type:** R **Area:** 4475.00 SqFt **PCI:** 41

Sample Comments:

43	BLOCK CR	L	774.00	SqFt
43	BLOCK CR	H	32.00	SqFt
45	DEPRESSION	L	16.00	SqFt
48	L & T CR	L	634.00	Ft
52	RAVELING	L	4251.00	SqFt
52	RAVELING	M	224.00	SqFt
54	SHOVING	L	50.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: AP **Name:** APRON **Use:** APRON **Area:** 362,704 SqFt

Section: 4165 of 28 **From:** - **To:** - **Last Const.:** 1/1/1991

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

Area: 9,517 SqFt **Length:** 228 Ft **Width:** 40 Ft

Slabs: 23 **Slab Length:** 20 Ft **Slab Width:** 21 Ft **Joint Length:** 622 Ft

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

Section Comments:

Work Date: 1/1/1991 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 10

Inspection Comments:

Sample Number: 100 **Type:** R **Area:** 22.00 Slabs **PCI:** 10

Sample Comments:

63	LINEAR CR	L	3.00	Slabs
67	LARGE PATCH	H	2.00	Slabs
70	SCALING	M	7.00	Slabs
71	FAULTING	L	4.00	Slabs
72	SHAT. SLAB	L	15.00	Slabs
72	SHAT. SLAB	M	3.00	Slabs
73	SHRINKAGE CR	N	19.00	Slabs
74	JOINT SPALL	L	1.00	Slabs
75	CORNER SPALL	L	3.00	Slabs

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: AP **Name:** APRON **Use:** APRON **Area:** 362,704 SqFt

Section: 4190 of 28 **From:** - **To:** - **Last Const.:** 1/1/2012

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

Area: 38,656 SqFt **Length:** 1,025 Ft **Width:** 30 Ft

Slabs: 258 **Slab Length:** 10 Ft **Slab Width:** 15 Ft **Joint Length:** 4,070 Ft

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

Section Comments:

Work Date: 1/1/2012 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 10 **Surveyed:** 3

Conditions: **PCI:** 90

Inspection Comments:

Sample Number: 600 **Type:** R **Area:** 12.00 Slabs **PCI:** 98

Sample Comments:

65	JT SEAL DMG	L	12.00	Slabs

Sample Number: 603 **Type:** R **Area:** 20.00 Slabs **PCI:** 94

Sample Comments:

65	JT SEAL DMG	L	20.00	Slabs
74	JOINT SPALL	M	1.00	Slabs

Sample Number: 608 **Type:** R **Area:** 16.00 Slabs **PCI:** 78

Sample Comments:

65	JT SEAL DMG	L	16.00	Slabs
71	FAULTING	L	2.00	Slabs
74	JOINT SPALL	L	1.00	Slabs
75	CORNER SPALL	L	1.00	Slabs
75	CORNER SPALL	M	1.00	Slabs

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: AP RU **Name:** RUN-UP APRON **Use:** APRON **Area:** 46,282 SqFt

Section: 5105 of 1 **From:** - **To:** - **Last Const.:** 1/1/1943

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

Area: 46,282 SqFt **Length:** 325 Ft **Width:** 150 Ft

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

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

Section Comments:

Work Date: 1/1/1943 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 10 **Surveyed:** 1

Conditions: **PCI:** 32

Inspection Comments:

Sample Number: 101 **Type:** R **Area:** 4500.00 SqFt **PCI:** 32

Sample Comments:

43	BLOCK CR	M	4490.00	SqFt
43	BLOCK CR	H	10.00	SqFt
52	RAVELING	L	4050.00	SqFt
52	RAVELING	M	450.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: AP S **Name:** SOUTH APRON **Use:** APRON **Area:** 101,441 SqFt

Section: 4215 of 2 **From:** - **To:** - **Last Const.:** 1/1/1943

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

Area: 56,450 SqFt **Length:** 585 Ft **Width:** 96 Ft

Slabs: 141 **Slab Length:** 20 Ft **Slab Width:** 20 Ft **Joint Length:** 4,935 Ft

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

Section Comments:

Work Date: 1/1/1943 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 7 **Surveyed:** 2

Conditions: **PCI:** 9

Inspection Comments:

Sample Number: 301 **Type:** R **Area:** 20.00 Slabs **PCI:** 8

Sample Comments:

62	CORNER BREAK	M	2.00	Slabs
63	LINEAR CR	L	4.00	Slabs
63	LINEAR CR	M	3.00	Slabs
65	JT SEAL DMG	H	20.00	Slabs
66	SMALL PATCH	H	1.00	Slabs
72	SHAT. SLAB	L	3.00	Slabs
72	SHAT. SLAB	M	5.00	Slabs
72	SHAT. SLAB	H	5.00	Slabs
73	SHRINKAGE CR	N	6.00	Slabs
74	JOINT SPALL	L	1.00	Slabs
74	JOINT SPALL	M	3.00	Slabs
75	CORNER SPALL	M	3.00	Slabs

Sample Number: 304 **Type:** R **Area:** 20.00 Slabs **PCI:** 10

Sample Comments:

62	CORNER BREAK	L	1.00	Slabs
63	LINEAR CR	L	2.00	Slabs
65	JT SEAL DMG	H	20.00	Slabs
72	SHAT. SLAB	L	7.00	Slabs
72	SHAT. SLAB	M	11.00	Slabs
73	SHRINKAGE CR	N	3.00	Slabs
74	JOINT SPALL	M	2.00	Slabs
74	JOINT SPALL	H	2.00	Slabs
75	CORNER SPALL	L	3.00	Slabs

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: AP SE **Name:** SOUTHEAST APRON **Use:** APRON **Area:** 8,835 SqFt

Section: 4220 of 1 **From:** - **To:** - **Last Const.:** 12/25/1999

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

Area: 8,835 SqFt **Length:** 375 Ft **Width:** 25 Ft

Slabs: 52 **Slab Length:** 13 Ft **Slab Width:** 13 Ft **Joint Length:** 1,042 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: 1/24/2022 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 1

Inspection Comments:

Sample Number: 100 **Type:** R **Area:** 16.00 Slabs **PCI:** 0

Sample Comments:

62	CORNER BREAK	H	1.00	Slabs
63	LINEAR CR	L	1.00	Slabs
65	JT SEAL DMG	H	16.00	Slabs
72	SHAT. SLAB	M	2.00	Slabs
72	SHAT. SLAB	H	13.00	Slabs
73	SHRINKAGE CR	N	1.00	Slabs

Sample Number: 101 **Type:** R **Area:** 24.00 Slabs **PCI:** 2

Sample Comments:

62	CORNER BREAK	M	2.00	Slabs
62	CORNER BREAK	H	2.00	Slabs
63	LINEAR CR	L	1.00	Slabs
63	LINEAR CR	M	5.00	Slabs
65	JT SEAL DMG	H	24.00	Slabs
72	SHAT. SLAB	L	1.00	Slabs
72	SHAT. SLAB	M	10.00	Slabs
72	SHAT. SLAB	H	5.00	Slabs
73	SHRINKAGE CR	N	3.00	Slabs
74	JOINT SPALL	L	1.00	Slabs
74	JOINT SPALL	M	1.00	Slabs

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: RW 11-29 **Name:** RUNWAY 11-29 **Use:** RUNWAY **Area:** 323,925 SqFt

Section: 6105 of 1 **From:** - **To:** - **Last Const.:** 1/1/2014

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

Area: 323,925 SqFt **Length:** 4,319 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:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 1/1/2014 **Work Type:** Mill and Overlay **Code:** ML-OVL **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 86 **Surveyed:** 18

Conditions: **PCI:** 81

Inspection Comments:

Sample Number: 102 **Type:** R **Area:** 3750.00 SqFt **PCI:** 84

Sample Comments:

48	L & T CR	L	37.00	Ft
56	SWELLING	L	5.00	SqFt
57	WEATHERING	L	3562.00	SqFt
57	WEATHERING	M	188.00	SqFt

Sample Number: 107 **Type:** R **Area:** 3750.00 SqFt **PCI:** 76

Sample Comments:

48	L & T CR	L	202.00	Ft
57	WEATHERING	L	3562.00	SqFt
57	WEATHERING	M	188.00	SqFt

Sample Number: 111 **Type:** R **Area:** 3750.00 SqFt **PCI:** 80

Sample Comments:

48	L & T CR	L	137.00	Ft
57	WEATHERING	L	3562.00	SqFt
57	WEATHERING	M	188.00	SqFt

Sample Number: 115 **Type:** R **Area:** 3750.00 SqFt **PCI:** 81

Sample Comments:

48	L & T CR	L	114.00	Ft
57	WEATHERING	L	3562.00	SqFt
57	WEATHERING	M	188.00	SqFt

Sample Number: 119 **Type:** R **Area:** 3750.00 SqFt **PCI:** 78

Sample Comments:

48	L & T CR	L	15.00	Ft
50	PATCHING	L	172.00	SqFt
57	WEATHERING	L	3399.00	SqFt
57	WEATHERING	M	179.00	SqFt

Sample Number: 125 **Type:** R **Area:** 3750.00 SqFt **PCI:** 82

Sample Comments:

48	L & T CR	L	137.00	Ft
57	WEATHERING	L	3745.00	SqFt
57	WEATHERING	M	5.00	SqFt

Sample Number: 131 **Type:** R **Area:** 3750.00 SqFt **PCI:** 77

Sample Comments:

48	L & T CR	L	175.00	Ft
57	WEATHERING	L	3562.00	SqFt
57	WEATHERING	M	188.00	SqFt

Sample Number: 135 **Type:** R **Area:** 3750.00 SqFt **PCI:** 78

Sample Comments:

48	L & T CR	L	137.00	Ft
57	WEATHERING	L	3188.00	SqFt
57	WEATHERING	M	562.00	SqFt

Sample Number: 139 **Type:** R **Area:** 3750.00 SqFt **PCI:** 83

Sample Comments:

48	L & T CR	L	53.00	Ft
57	WEATHERING	L	3188.00	SqFt
57	WEATHERING	M	562.00	SqFt

Sample Number: 143 **Type:** R **Area:** 3750.00 SqFt **PCI:** 83

Sample Comments:

48	L & T CR	L	50.00	Ft
57	WEATHERING	L	3188.00	SqFt
57	WEATHERING	M	562.00	SqFt

Sample Number: 147 **Type:** R **Area:** 3750.00 SqFt **PCI:** 86

Sample Comments:

48	L & T CR	L	25.00	Ft
57	WEATHERING	L	3562.00	SqFt
57	WEATHERING	M	188.00	SqFt

Sample Number: 155 **Type:** R **Area:** 3750.00 SqFt **PCI:** 86

Sample Comments:

48	L & T CR	L	33.00	Ft
57	WEATHERING	L	3562.00	SqFt
57	WEATHERING	M	188.00	SqFt

Sample Number: 161 **Type:** R **Area:** 3750.00 SqFt **PCI:** 79

Sample Comments:

48	L & T CR	L	143.00	Ft
57	WEATHERING	L	3562.00	SqFt
57	WEATHERING	M	188.00	SqFt

Sample Number: 165 **Type:** R **Area:** 3750.00 SqFt **PCI:** 86

Sample Comments:

48	L & T CR	L	46.00	Ft
57	WEATHERING	L	3562.00	SqFt
57	WEATHERING	M	188.00	SqFt

Sample Number: 170 **Type:** R **Area:** 3750.00 SqFt **PCI:** 79

Sample Comments:

48	L & T CR	L	79.00	Ft
48	L & T CR	M	7.00	Ft
57	WEATHERING	L	3562.00	SqFt
57	WEATHERING	M	188.00	SqFt

Sample Number: 175 **Type:** R **Area:** 3750.00 SqFt **PCI:** 81

Sample Comments:

48	L & T CR	L	122.00	Ft
57	WEATHERING	L	3562.00	SqFt
57	WEATHERING	M	188.00	SqFt

Sample Number: 181 **Type:** R **Area:** 3750.00 SqFt **PCI:** 73

Sample Comments:

48	L & T CR	L	267.00	Ft
57	WEATHERING	L	3562.00	SqFt
57	WEATHERING	M	188.00	SqFt

Sample Number: 184 **Type:** R **Area:** 3750.00 SqFt **PCI:** 77

Sample Comments:

48	L & T CR	L	185.00	Ft
57	WEATHERING	L	3562.00	SqFt
57	WEATHERING	M	188.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: RW 2-20 **Name:** RUNWAY 2-20 **Use:** RUNWAY **Area:** 387,523 SqFt

Section: 6405 of 6 **From:** - **To:** - **Last Const.:** 1/1/1943

Surface: AC **Family:** CA653-GA-RW-AC **Zone:** **Category:** **Rank:** P

Area: 78,400 SqFt **Length:** 850 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: 1/1/1943 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 16 **Surveyed:** 5

Conditions: **PCI:** 33

Inspection Comments:

Sample Number: 102 **Type:** R **Area:** 5000.00 SqFt **PCI:** 32

Sample Comments:

43	BLOCK CR	M	5000.00	SqFt
45	DEPRESSION	L	68.00	SqFt
52	RAVELING	L	4500.00	SqFt
52	RAVELING	M	500.00	SqFt

Sample Number: 104 **Type:** R **Area:** 5000.00 SqFt **PCI:** 37

Sample Comments:

43	BLOCK CR	M	5000.00	SqFt
52	RAVELING	L	4500.00	SqFt
52	RAVELING	M	500.00	SqFt

Sample Number: 107 **Type:** R **Area:** 5000.00 SqFt **PCI:** 37

Sample Comments:

43	BLOCK CR	M	5000.00	SqFt
52	RAVELING	L	4500.00	SqFt
52	RAVELING	M	500.00	SqFt

Sample Number: 111 **Type:** R **Area:** 5000.00 SqFt **PCI:** 32

Sample Comments:

43	BLOCK CR	M	5000.00	SqFt
45	DEPRESSION	L	72.00	SqFt
52	RAVELING	L	4500.00	SqFt
52	RAVELING	M	500.00	SqFt

Sample Number: 114 **Type:** R **Area:** 3400.00 SqFt **PCI:** 27

Sample Comments:

43	BLOCK CR	M	3400.00	SqFt
52	RAVELING	L	3060.00	SqFt
52	RAVELING	M	340.00	SqFt
53	RUTTING	L	85.00	SqFt
53	RUTTING	M	85.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: RW 2-20 **Name:** RUNWAY 2-20 **Use:** RUNWAY **Area:** 387,523 SqFt

Section: 6425 of 6 **From:** - **To:** - **Last Const.:** 1/1/1943

Surface: AC **Family:** CA653-GA-RW-AC **Zone:** **Category:** **Rank:** P

Area: 254,789 SqFt **Length:** 2,700 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: 1/1/1943 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 51 **Surveyed:** 12

Conditions: **PCI:** 34

Inspection Comments:

Sample Number: 120 **Type:** R **Area:** 5000.00 SqFt **PCI:** 37

Sample Comments:

43	BLOCK CR	M	5000.00	SqFt
52	RAVELING	L	4500.00	SqFt
52	RAVELING	M	500.00	SqFt

Sample Number: 124 **Type:** R **Area:** 5000.00 SqFt **PCI:** 37

Sample Comments:

43	BLOCK CR	M	5000.00	SqFt
52	RAVELING	L	4500.00	SqFt
52	RAVELING	M	500.00	SqFt

Sample Number: 128 **Type:** R **Area:** 5000.00 SqFt **PCI:** 37

Sample Comments:

43	BLOCK CR	M	5000.00	SqFt
52	RAVELING	L	5000.00	SqFt
53	RUTTING	L	75.00	SqFt

Sample Number: 132 **Type:** R **Area:** 5000.00 SqFt **PCI:** 37

Sample Comments:

43	BLOCK CR	M	4998.00	SqFt
50	PATCHING	H	2.00	SqFt
52	RAVELING	L	4998.00	SqFt

Sample Number: 136 **Type:** R **Area:** 5000.00 SqFt **PCI:** 38

Sample Comments:

43	BLOCK CR	L	3000.00	SqFt
43	BLOCK CR	M	2000.00	SqFt
45	DEPRESSION	L	90.00	SqFt
52	RAVELING	L	5000.00	SqFt

Sample Number: 143 **Type:** R **Area:** 5000.00 SqFt **PCI:** 34

Sample Comments:

43	BLOCK CR	M	5000.00	SqFt
52	RAVELING	L	4000.00	SqFt
52	RAVELING	M	1000.00	SqFt

Sample Number: 146 **Type:** R **Area:** 5000.00 SqFt **PCI:** 29

Sample Comments:

43	BLOCK CR	M	5000.00	SqFt
52	RAVELING	L	3500.00	SqFt
52	RAVELING	M	1500.00	SqFt
53	RUTTING	L	60.00	SqFt

Sample Number: 153 **Type:** R **Area:** 5000.00 SqFt **PCI:** 33

Sample Comments:

43	BLOCK CR	M	5000.00	SqFt
52	RAVELING	L	3750.00	SqFt
52	RAVELING	M	1250.00	SqFt

Sample Number: 158 **Type:** R **Area:** 5000.00 SqFt **PCI:** 32

Sample Comments:

43	BLOCK CR	M	4994.00	SqFt
50	PATCHING	M	6.00	SqFt
52	RAVELING	L	4245.00	SqFt
52	RAVELING	M	749.00	SqFt

Sample Number: 164 **Type:** R **Area:** 5000.00 SqFt **PCI:** 32

Sample Comments:

43	BLOCK CR	M	4976.00	SqFt
50	PATCHING	M	24.00	SqFt
52	RAVELING	L	3981.00	SqFt
52	RAVELING	M	995.00	SqFt

Sample Number: 168 **Type:** R **Area:** 5000.00 SqFt **PCI:** 26

Sample Comments:

43	BLOCK CR	M	4750.00	SqFt
50	PATCHING	H	250.00	SqFt
52	RAVELING	L	3325.00	SqFt
52	RAVELING	M	1425.00	SqFt

Sample Number: 178 **Type:** R **Area:** 5000.00 SqFt **PCI:** 32

Sample Comments:

43	BLOCK CR	M	5000.00	SqFt
45	DEPRESSION	L	110.00	SqFt
52	RAVELING	L	4000.00	SqFt
52	RAVELING	M	1000.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: RW 2-20 **Name:** RUNWAY 2-20 **Use:** RUNWAY **Area:** 387,523 SqFt

Section: 6427 of 6 **From:** - **To:** - **Last Const.:** 1/1/2014

Surface: AC **Family:** CA653-GA-RW-AC **Zone:** **Category:** **Rank:** P

Area: 11,862 SqFt **Length:** 120 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: 1/1/1943 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 1/1/2014 **Work Type:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 3 **Surveyed:** 1

Conditions: **PCI:** 89

Inspection Comments:

Sample Number: 171 **Type:** R **Area:** 4858.00 SqFt **PCI:** 89

Sample Comments:

48	L & T CR	L	4.00	Ft
57	WEATHERING	L	4761.00	SqFt
57	WEATHERING	M	97.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: RW 2-20 **Name:** RUNWAY 2-20 **Use:** RUNWAY **Area:** 387,523 SqFt

Section: 6430 of 6 **From:** - **To:** - **Last Const.:** 1/1/1977

Surface: AC **Family:** CA653-GA-RW-AC **Zone:** **Category:** **Rank:** P

Area: 5,000 SqFt **Length:** 150 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: 1/1/1977 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 38

Inspection Comments:

Sample Number: 142 **Type:** R **Area:** 5000.00 SqFt **PCI:** 38

Sample Comments:

43	BLOCK CR	M	3000.00	SqFt
48	L & T CR	M	106.00	Ft
52	RAVELING	L	4250.00	SqFt
52	RAVELING	M	750.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: RW 2-20 **Name:** RUNWAY 2-20 **Use:** RUNWAY **Area:** 387,523 SqFt

Section: 6435 of 6 **From:** - **To:** - **Last Const.:** 1/1/2014

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

Area: 12,472 SqFt **Length:** 125 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: 1/1/1977 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 1/1/2014 **Work Type:** Mill and Overlay **Code:** ML-OVL **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 2 **Surveyed:** 1

Conditions: **PCI:** 83

Inspection Comments:

Sample Number: 138 **Type:** R **Area:** 6230.00 SqFt **PCI:** 83

Sample Comments:

48	L & T CR	L	114.00	Ft
57	WEATHERING	L	5296.00	SqFt
57	WEATHERING	M	934.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: RW 2-20 **Name:** RUNWAY 2-20 **Use:** RUNWAY **Area:** 387,523 SqFt

Section: 6450 of 6 **From:** - **To:** - **Last Const.:** 1/1/1977

Surface: AC **Family:** CA653-GA-RW-AC **Zone:** **Category:** **Rank:** P

Area: 25,000 SqFt **Length:** 250 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: 1/1/1977 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 5 **Surveyed:** 2

Conditions: **PCI:** 34

Inspection Comments:

Sample Number: 148 **Type:** R **Area:** 5000.00 SqFt **PCI:** 32

Sample Comments:

43	BLOCK CR	M	5000.00	SqFt
52	RAVELING	L	3500.00	SqFt
52	RAVELING	M	1500.00	SqFt

Sample Number: 150 **Type:** R **Area:** 5000.00 SqFt **PCI:** 35

Sample Comments:

43	BLOCK CR	L	1500.00	SqFt
43	BLOCK CR	M	3500.00	SqFt
52	RAVELING	L	4000.00	SqFt
52	RAVELING	M	1000.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: RW 7-25 **Name:** RUNWAY 7-25 **Use:** RUNWAY **Area:** 375,128 SqFt

Section: 6202 of 5 **From:** - **To:** - **Last Const.:** 1/1/2008

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

Area: 18,750 SqFt **Length:** 75 Ft **Width:** 250 Ft

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

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

Section Comments:

Work Date: 1/1/1943 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 1/1/2008 **Work Type:** Mill and Overlay **Code:** ML-OVL **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 5 **Surveyed:** 2

Conditions: **PCI:** 76

Inspection Comments:

Sample Number: 101 **Type:** R **Area:** 3750.00 SqFt **PCI:** 76

Sample Comments:

48	L & T CR	L	24.00	Ft
57	WEATHERING	L	1875.00	SqFt
57	WEATHERING	M	1875.00	SqFt

Sample Number: 103 **Type:** R **Area:** 3750.00 SqFt **PCI:** 76

Sample Comments:

48	L & T CR	L	10.00	Ft
57	WEATHERING	L	1875.00	SqFt
57	WEATHERING	M	1875.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: RW 7-25 **Name:** RUNWAY 7-25 **Use:** RUNWAY **Area:** 375,128 SqFt

Section: 6205 of 5 **From:** - **To:** - **Last Const.:** 1/1/2016

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

Area: 324,750 SqFt **Length:** 4,470 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: 1/1/1989 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 1/1/2016 **Work Type:** Mill and Overlay **Code:** ML-OVL **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 86 **Surveyed:** 18

Conditions: **PCI:** 89

Inspection Comments:

Sample Number: 108 **Type:** R **Area:** 3750.00 SqFt **PCI:** 94

Sample Comments:

57	WEATHERING	L	3750.00	SqFt

Sample Number: 114 **Type:** R **Area:** 3750.00 SqFt **PCI:** 89

Sample Comments:

48	L & T CR	L	35.00	Ft
57	WEATHERING	L	3750.00	SqFt

Sample Number: 120 **Type:** R **Area:** 3750.00 SqFt **PCI:** 90

Sample Comments:

48	L & T CR	L	15.00	Ft
57	WEATHERING	L	3750.00	SqFt

Sample Number: 126 **Type:** R **Area:** 3750.00 SqFt **PCI:** 89

Sample Comments:

48	L & T CR	L	15.00	Ft
56	SWELLING	L	4.00	SqFt
57	WEATHERING	L	3750.00	SqFt

Sample Number: 132 **Type:** R **Area:** 3750.00 SqFt **PCI:** 89

Sample Comments:

48	L & T CR	L	22.00	Ft
56	SWELLING	L	5.00	SqFt
57	WEATHERING	L	3750.00	SqFt

Sample Number: 138 **Type:** R **Area:** 3750.00 SqFt **PCI:** 83

Sample Comments:

48	L & T CR	L	68.00	Ft
48	L & T CR	M	10.00	Ft
57	WEATHERING	L	3750.00	SqFt

Sample Number: 141 **Type:** R **Area:** 3750.00 SqFt **PCI:** 89

Sample Comments:

48	L & T CR	L	42.00	Ft
57	WEATHERING	L	3750.00	SqFt

Sample Number: 145 **Type:** R **Area:** 3750.00 SqFt **PCI:** 82

Sample Comments:

48	L & T CR	L	82.00	Ft
48	L & T CR	M	10.00	Ft
57	WEATHERING	L	3750.00	SqFt

Sample Number: 150 **Type:** R **Area:** 3750.00 SqFt **PCI:** 89

Sample Comments:

48	L & T CR	L	61.00	Ft
57	WEATHERING	L	3750.00	SqFt

Sample Number: 154 **Type:** R **Area:** 3750.00 SqFt **PCI:** 89

Sample Comments:

48	L & T CR	L	41.00	Ft
57	WEATHERING	L	3750.00	SqFt

Sample Number: 158 **Type:** R **Area:** 3750.00 SqFt **PCI:** 90

Sample Comments:

48	L & T CR	L	16.00	Ft
57	WEATHERING	L	3750.00	SqFt

Sample Number: 162 **Type:** R **Area:** 3750.00 SqFt **PCI:** 90

Sample Comments:

48	L & T CR	L	25.00	Ft
57	WEATHERING	L	3725.00	SqFt

Sample Number: 167 **Type:** R **Area:** 3750.00 SqFt **PCI:** 90

Sample Comments:

48	L & T CR	L	12.00	Ft
57	WEATHERING	L	3750.00	SqFt

Sample Number: 171 **Type:** R **Area:** 3750.00 SqFt **PCI:** 94

Sample Comments:

57	WEATHERING	L	3750.00	SqFt

Sample Number: 176 **Type:** R **Area:** 3750.00 SqFt **PCI:** 90

Sample Comments:

48	L & T CR	L	25.00	Ft
57	WEATHERING	L	3750.00	SqFt

Sample Number: 181 **Type:** R **Area:** 3750.00 SqFt **PCI:** 87

Sample Comments:

48	L & T CR	L	78.00	Ft
57	WEATHERING	L	3750.00	SqFt

Sample Number: 186 **Type:** R **Area:** 3750.00 SqFt **PCI:** 89

Sample Comments:

48	L & T CR	L	58.00	Ft
57	WEATHERING	L	3750.00	SqFt

Sample Number: 191 **Type:** R **Area:** 3750.00 SqFt **PCI:** 91

Sample Comments:

48	L & T CR	L	9.00	Ft
57	WEATHERING	L	3750.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: RW 7-25 **Name:** RUNWAY 7-25 **Use:** RUNWAY **Area:** 375,128 SqFt

Section: 6210 of 5 **From:** - **To:** - **Last Const.:** 1/1/2008

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

Area: 11,378 SqFt **Length:** 75 Ft **Width:** 150 Ft

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

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

Section Comments:

Work Date: 1/1/1943 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 1/1/2008 **Work Type:** Mill and Overlay **Code:** ML-OVL **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 3 **Surveyed:** 1

Conditions: **PCI:** 84

Inspection Comments:

Sample Number: 197 **Type:** R **Area:** 3750.00 SqFt **PCI:** 84

Sample Comments:

48	L & T CR	L	41.00	Ft
57	WEATHERING	L	3375.00	SqFt
57	WEATHERING	M	375.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: RW 7-25 **Name:** RUNWAY 7-25 **Use:** RUNWAY **Area:** 375,128 SqFt

Section: 6215 of 5 **From:** - **To:** - **Last Const.:** 1/1/2016

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

Area: 7,125 SqFt **Length:** 95 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: 1/1/1943 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 1/1/2016 **Work Type:** Mill and Overlay **Code:** ML-OVL **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 2 **Surveyed:** 1

Conditions: **PCI:** 91

Inspection Comments:

Sample Number: 106 **Type:** R **Area:** 3375.00 SqFt **PCI:** 91

Sample Comments:

48	L & T CR	L	5.00	Ft
57	WEATHERING	L	3375.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: RW 7-25 **Name:** RUNWAY 7-25 **Use:** RUNWAY **Area:** 375,128 SqFt

Section: 6220 of 5 **From:** - **To:** - **Last Const.:** 1/1/2016

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

Area: 13,125 SqFt **Length:** 175 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: 1/1/1943 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 1/1/2016 **Work Type:** Mill and Overlay **Code:** ML-OVL **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 3 **Surveyed:** 1

Conditions: **PCI:** 88

Inspection Comments:

Sample Number: 194 **Type:** R **Area:** 3750.00 SqFt **PCI:** 88

Sample Comments:

48	L & T CR	L	65.00	Ft
57	WEATHERING	L	3750.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: TL T-HANG **Name:** T-HANGAR TAXILANES **Use:** TAXILANE **Area:** 50,850 SqFt

Section: 4320 of 3 **From:** - **To:** - **Last Const.:** 1/1/2002

Surface: AC **Family:** CA653-GA-TW-AC **Zone:** **Category:** **Rank:** P

Area: 31,261 SqFt **Length:** 1,300 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: 1/1/2002 **Work Type:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 7 **Surveyed:** 2

Conditions: **PCI:** 64

Inspection Comments:

Sample Number: 160 **Type:** R **Area:** 5000.00 SqFt **PCI:** 69

Sample Comments:

48	L & T CR	L	136.00	Ft
48	L & T CR	M	100.00	Ft
52	RAVELING	L	1000.00	SqFt
57	WEATHERING	L	4000.00	SqFt

Sample Number: 250 **Type:** R **Area:** 4172.00 SqFt **PCI:** 59

Sample Comments:

48	L & T CR	L	522.00	Ft
48	L & T CR	M	100.00	Ft
52	RAVELING	L	834.00	SqFt
57	WEATHERING	L	3338.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: TL T-HANG **Name:** T-HANGAR TAXILANES **Use:** TAXILANE **Area:** 50,850 SqFt

Section: 4340 of 3 **From:** - **To:** - **Last Const.:** 1/1/2010

Surface: AC **Family:** CA653-GA-TW-AC **Zone:** **Category:** **Rank:** P

Area: 8,491 SqFt **Length:** 340 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: 1/1/2010 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 2 **Surveyed:** 1

Conditions: **PCI:** 85

Inspection Comments:

Sample Number: 300 **Type:** R **Area:** 4241.00 SqFt **PCI:** 85

Sample Comments:

48	L & T CR	L	32.00	Ft
57	WEATHERING	L	3817.00	SqFt
57	WEATHERING	M	424.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 142,094 SqFt

Section: 102 of 5 **From:** - **To:** - **Last Const.:** 1/1/2011

Surface: AC **Family:** CA653-GA-TW-AC **Zone:** **Category:** **Rank:** P

Area: 22,287 SqFt **Length:** 465 Ft **Width:** 38 Ft

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

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

Section Comments:

Work Date: 1/1/2011 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 5 **Surveyed:** 1

Conditions: **PCI:** 85

Inspection Comments:

Sample Number: 102 **Type:** R **Area:** 3500.00 SqFt **PCI:** 85

Sample Comments:

52	RAVELING	L	350.00	SqFt
57	WEATHERING	L	3150.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 142,094 SqFt

Section: 105 of 5 **From:** - **To:** - **Last Const.:** 1/1/1977

Surface: AC **Family:** CA653-GA-TW-AC **Zone:** **Category:** **Rank:** P

Area: 93,280 SqFt **Length:** 2,580 Ft **Width:** 40 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:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 23 **Surveyed:** 3

Conditions: **PCI:** 51

Inspection Comments:

Sample Number: 113 **Type:** R **Area:** 4000.00 SqFt **PCI:** 54

Sample Comments:

48	L & T CR	L	279.00	Ft
48	L & T CR	M	212.00	Ft
52	RAVELING	L	4000.00	SqFt
56	SWELLING	L	32.00	SqFt

Sample Number: 122 **Type:** R **Area:** 4000.00 SqFt **PCI:** 48

Sample Comments:

48	L & T CR	L	333.00	Ft
48	L & T CR	M	40.00	Ft
50	PATCHING	M	360.00	SqFt
52	RAVELING	L	3640.00	SqFt
56	SWELLING	L	158.00	SqFt

Sample Number: 133 **Type:** R **Area:** 4000.00 SqFt **PCI:** 52

Sample Comments:

43	BLOCK CR	L	2000.00	SqFt
48	L & T CR	L	142.00	Ft
48	L & T CR	M	100.00	Ft
52	RAVELING	L	4000.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 142,094 SqFt

Section: 110 of 5 **From:** - **To:** - **Last Const.:** 7/1/2011

Surface: AC **Family:** CA653-GA-TW-AC **Zone:** **Category:** **Rank:** P

Area: 16,319 SqFt **Length:** 400 Ft **Width:** 40 Ft

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

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

Section Comments:

Work Date: 7/1/2011 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 3 **Surveyed:** 1

Conditions: **PCI:** 82

Inspection Comments:

Sample Number: 128 **Type:** R **Area:** 5081.00 SqFt **PCI:** 82

Sample Comments:

48	L & T CR	L	19.00	Ft
57	WEATHERING	L	4065.00	SqFt
57	WEATHERING	M	1016.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 142,094 SqFt

Section: 115 of 5 **From:** - **To:** - **Last Const.:** 1/1/2014

Surface: AC **Family:** CA653-GA-TW-AC **Zone:** **Category:** **Rank:** P

Area: 5,905 SqFt **Length:** 60 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: 1/1/1977 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 1/1/2014 **Work Type:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 2 **Surveyed:** 1

Conditions: **PCI:** 86

Inspection Comments:

Sample Number: 224 **Type:** R **Area:** 2953.00 SqFt **PCI:** 86

Sample Comments:

48	L & T CR	L	28.00	Ft
57	WEATHERING	L	2805.00	SqFt
57	WEATHERING	M	148.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: TW A **Name:** TAXIWAY A **Use:** TAXIWAY **Area:** 142,094 SqFt

Section: 125 of 5 **From:** - **To:** - **Last Const.:** 1/1/2002

Surface: AC **Family:** CA653-GA-TW-AC **Zone:** **Category:** **Rank:** P

Area: 4,303 SqFt **Length:** 80 Ft **Width:** 40 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

Last Insp. Date: 1/24/2022 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 52

Inspection Comments:

Sample Number: 108 **Type:** R **Area:** 4303.00 SqFt **PCI:** 52

Sample Comments:

48	L & T CR	L	314.00	Ft
48	L & T CR	M	187.00	Ft
52	RAVELING	L	3873.00	SqFt
52	RAVELING	M	430.00	SqFt
56	SWELLING	L	42.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: TW B **Name:** TAXIWAY B **Use:** TAXIWAY **Area:** 173,763 SqFt

Section: 210 of 2 **From:** - **To:** - **Last Const.:** 1/1/2002

Surface: AC **Family:** CA653-GA-TW-AC **Zone:** **Category:** **Rank:** P

Area: 67,896 SqFt **Length:** 35 Ft **Width:** 1,850 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:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 18 **Surveyed:** 3

Conditions: **PCI:** 73

Inspection Comments:

Sample Number: 102 **Type:** R **Area:** 3500.00 SqFt **PCI:** 73

Sample Comments:

48	L & T CR	L	212.00	Ft
52	RAVELING	L	350.00	SqFt
57	WEATHERING	L	3150.00	SqFt

Sample Number: 109 **Type:** R **Area:** 3500.00 SqFt **PCI:** 73

Sample Comments:

48	L & T CR	L	212.00	Ft
57	WEATHERING	L	2800.00	SqFt
57	WEATHERING	M	700.00	SqFt

Sample Number: 114 **Type:** R **Area:** 3500.00 SqFt **PCI:** 72

Sample Comments:

48	L & T CR	L	150.00	Ft
48	L & T CR	M	50.00	Ft
57	WEATHERING	L	2800.00	SqFt
57	WEATHERING	M	700.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: TW B **Name:** TAXIWAY B **Use:** TAXIWAY **Area:** 173,763 SqFt

Section: 215 of 2 **From:** - **To:** - **Last Const.:** 1/1/2002

Surface: AC **Family:** CA653-GA-TW-AC **Zone:** **Category:** **Rank:** P

Area: 105,867 SqFt **Length:** 35 Ft **Width:** 2,990 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:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 28 **Surveyed:** 4

Conditions: **PCI:** 64

Inspection Comments:

Sample Number: 123 **Type:** R **Area:** 3500.00 SqFt **PCI:** 61

Sample Comments:

48	L & T CR	L	278.00	Ft
48	L & T CR	M	100.00	Ft
56	SWELLING	L	40.00	SqFt
57	WEATHERING	L	2800.00	SqFt
57	WEATHERING	M	700.00	SqFt

Sample Number: 133 **Type:** R **Area:** 3500.00 SqFt **PCI:** 66

Sample Comments:

48	L & T CR	L	200.00	Ft
48	L & T CR	M	100.00	Ft
57	WEATHERING	L	2800.00	SqFt
57	WEATHERING	M	700.00	SqFt

Sample Number: 138 **Type:** R **Area:** 3500.00 SqFt **PCI:** 64

Sample Comments:

48	L & T CR	L	294.00	Ft
48	L & T CR	M	6.00	Ft
57	WEATHERING	L	2800.00	SqFt
57	WEATHERING	M	700.00	SqFt

Sample Number: 143 **Type:** R **Area:** 3500.00 SqFt **PCI:** 66

Sample Comments:

48	L & T CR	L	249.00	Ft
48	L & T CR	M	70.00	Ft
57	WEATHERING	L	2800.00	SqFt
57	WEATHERING	M	700.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: TW C **Name:** TAXIWAY C **Use:** TAXIWAY **Area:** 294,018 SqFt

Section: 310 of 8 **From:** - **To:** - **Last Const.:** 1/1/2002

Surface: AC **Family:** CA653-GA-TW-AC **Zone:** **Category:** **Rank:** P

Area: 13,657 SqFt **Length:** 308 Ft **Width:** 43 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 - AC **Code:** NC-AC **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 3 **Surveyed:** 1

Conditions: **PCI:** 33

Inspection Comments:

Sample Number: 135 **Type:** R **Area:** 5376.00 SqFt **PCI:** 33

Sample Comments:

48	L & T CR	L	136.00	Ft
48	L & T CR	M	600.00	Ft
50	PATCHING	L	410.00	SqFt
52	RAVELING	L	4821.00	SqFt
52	RAVELING	M	145.00	SqFt
54	SHOVING	L	40.00	SqFt
54	SHOVING	M	15.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: TW C **Name:** TAXIWAY C **Use:** TAXIWAY **Area:** 294,018 SqFt

Section: 312 of 8 **From:** - **To:** - **Last Const.:** 4/1/2022

Surface: AC **Family:** CA653-GA-TW-AC **Zone:** **Category:** **Rank:** P

Area: 12,746 SqFt **Length:** 370 Ft **Width:** 35 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 - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 4/1/2022 **Work Type:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Last Insp. Date: 3/11/2019 **TotalSamples:** 9 **Surveyed:** 2

Conditions: **PCI:** 44 **NOTE: *** Pre-Construction PCI *****

Inspection Comments:

Sample Number: 135 **Type:** R **Area:** 4188.00 SqFt **PCI:** 38

Sample Comments:

48	L & T CR	L	63.00	Ft
48	L & T CR	M	478.00	Ft
52	RAVELING	L	4083.00	SqFt
52	RAVELING	M	105.00	SqFt
54	SHOVING	L	40.00	SqFt
54	SHOVING	M	14.00	SqFt
56	SWELLING	L	8.00	SqFt

Sample Number: 141 **Type:** R **Area:** 3500.00 SqFt **PCI:** 51

Sample Comments:

48	L & T CR	L	268.00	Ft
48	L & T CR	M	220.00	Ft
52	RAVELING	L	350.00	SqFt
56	SWELLING	L	60.00	SqFt
57	WEATHERING	L	3150.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: TW C **Name:** TAXIWAY C **Use:** TAXIWAY **Area:** 294,018 SqFt

Section: 315 of 8 **From:** - **To:** - **Last Const.:** 4/1/2022

Surface: AC **Family:** CA653-GA-TW-AC **Zone:** **Category:** **Rank:** P

Area: 24,500 SqFt **Length:** 700 Ft **Width:** 35 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:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Work Date: 4/1/2022 **Work Type:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Last Insp. Date: 3/11/2019 **TotalSamples:** 12 **Surveyed:** 2

Conditions: **PCI:** 70 **NOTE: *** Pre-Construction PCI *****

Inspection Comments:

Sample Number: 146 **Type:** R **Area:** 3500.00 SqFt **PCI:** 71

Sample Comments:

48	L & T CR	L	243.00	Ft
52	RAVELING	L	525.00	SqFt
57	WEATHERING	L	2975.00	SqFt

Sample Number: 154 **Type:** R **Area:** 3500.00 SqFt **PCI:** 68

Sample Comments:

48	L & T CR	L	310.00	Ft
52	RAVELING	L	420.00	SqFt
57	WEATHERING	L	3080.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: TW C **Name:** TAXIWAY C **Use:** TAXIWAY **Area:** 294,018 SqFt

Section: 325 of 8 **From:** - **To:** - **Last Const.:** 1/1/2002

Surface: AC **Family:** CA653-GA-TW-AC **Zone:** **Category:** **Rank:** P

Area: 5,247 SqFt **Length:** 88 Ft **Width:** 69 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:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 59

Inspection Comments:

Sample Number: 112 **Type:** R **Area:** 5247.00 SqFt **PCI:** 59

Sample Comments:

48	L & T CR	L	301.00	Ft
48	L & T CR	M	57.00	Ft
54	SHOVING	L	66.00	SqFt
54	SHOVING	M	26.00	SqFt
57	WEATHERING	L	4198.00	SqFt
57	WEATHERING	M	1049.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: TW C **Name:** TAXIWAY C **Use:** TAXIWAY **Area:** 294,018 SqFt

Section: 330 of 8 **From:** - **To:** - **Last Const.:** 4/1/2022

Surface: AC **Family:** CA653-GA-TW-AC **Zone:** **Category:** **Rank:** P

Area: 44,997 SqFt **Length:** 1,215 Ft **Width:** 35 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:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Work Date: 4/1/2022 **Work Type:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Last Insp. Date: 3/11/2019 **TotalSamples:** 13 **Surveyed:** 3

Conditions: **PCI:** 67 **NOTE: *** Pre-Construction PCI *****

Inspection Comments:

Sample Number: 102 **Type:** R **Area:** 3500.00 SqFt **PCI:** 70

Sample Comments:

48	L & T CR	L	279.00	Ft
52	RAVELING	L	874.00	SqFt
52	RAVELING	M	6.00	SqFt

Sample Number: 105 **Type:** R **Area:** 3500.00 SqFt **PCI:** 66

Sample Comments:

48	L & T CR	L	315.00	Ft
52	RAVELING	L	1600.00	SqFt
57	WEATHERING	M	1900.00	SqFt

Sample Number: 108 **Type:** R **Area:** 3500.00 SqFt **PCI:** 65

Sample Comments:

48	L & T CR	L	300.00	Ft
52	RAVELING	L	3100.00	SqFt
57	WEATHERING	M	400.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: TW C **Name:** TAXIWAY C **Use:** TAXIWAY **Area:** 294,018 SqFt

Section: 345 of 8 **From:** - **To:** - **Last Const.:** 1/1/2012

Surface: AC **Family:** CA653-GA-TW-AC **Zone:** **Category:** **Rank:** P

Area: 86,977 SqFt **Length:** 1,125 Ft **Width:** 70 Ft

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

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

Section Comments:

Work Date: 1/1/2012 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 22 **Surveyed:** 3

Conditions: **PCI:** 86

Inspection Comments:

Sample Number: 352 **Type:** R **Area:** 3750.00 SqFt **PCI:** 82

Sample Comments:

45	DEPRESSION	L	45.00	SqFt
57	WEATHERING	L	3375.00	SqFt
57	WEATHERING	M	375.00	SqFt

Sample Number: 361 **Type:** R **Area:** 3750.00 SqFt **PCI:** 91

Sample Comments:

57	WEATHERING	L	3562.00	SqFt
57	WEATHERING	M	188.00	SqFt

Sample Number: 371 **Type:** R **Area:** 5455.00 SqFt **PCI:** 85

Sample Comments:

48	L & T CR	L	28.00	Ft
57	WEATHERING	L	4909.00	SqFt
57	WEATHERING	M	546.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: TW D **Name:** TAXIWAY D **Use:** TAXIWAY **Area:** 210,050 SqFt

Section: 405 of 5 **From:** - **To:** - **Last Const.:** 1/1/2002

Surface: AC **Family:** CA653-GA-TW-AC **Zone:** **Category:** **Rank:** P

Area: 50,628 SqFt **Length:** 1,200 Ft **Width:** 35 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:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 11 **Surveyed:** 3

Conditions: **PCI:** 68

Inspection Comments:

Sample Number: 301 **Type:** R **Area:** 4049.00 SqFt **PCI:** 64

Sample Comments:

48	L & T CR	L	347.00	Ft
48	L & T CR	M	25.00	Ft
57	WEATHERING	L	2025.00	SqFt
57	WEATHERING	M	2024.00	SqFt

Sample Number: 304 **Type:** R **Area:** 3500.00 SqFt **PCI:** 70

Sample Comments:

48	L & T CR	L	187.00	Ft
48	L & T CR	M	25.00	Ft
57	WEATHERING	L	2625.00	SqFt
57	WEATHERING	M	875.00	SqFt

Sample Number: 306 **Type:** R **Area:** 3500.00 SqFt **PCI:** 70

Sample Comments:

48	L & T CR	L	185.00	Ft
48	L & T CR	M	15.00	Ft
57	WEATHERING	L	2625.00	SqFt
57	WEATHERING	M	875.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: TW D **Name:** TAXIWAY D **Use:** TAXIWAY **Area:** 210,050 SqFt

Section: 415 of 5 **From:** - **To:** - **Last Const.:** 1/1/1943

Surface: AC **Family:** CA653-GA-TW-AC **Zone:** **Category:** **Rank:** P

Area: 7,000 SqFt **Length:** 140 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: 1/1/1943 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 2 **Surveyed:** 1

Conditions: **PCI:** 23

Inspection Comments:

Sample Number: 98 **Type:** R **Area:** 3500.00 SqFt **PCI:** 23

Sample Comments:

43	BLOCK CR	M	2975.00	SqFt
43	BLOCK CR	H	525.00	SqFt
52	RAVELING	L	3325.00	SqFt
52	RAVELING	M	175.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: TW D **Name:** TAXIWAY D **Use:** TAXIWAY **Area:** 210,050 SqFt

Section: 425 of 5 **From:** - **To:** - **Last Const.:** 1/1/2014

Surface: AC **Family:** CA653-GA-TW-AC **Zone:** **Category:** **Rank:** P

Area: 27,118 SqFt **Length:** 700 Ft **Width:** 35 Ft

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

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

Section Comments:

Work Date: 1/1/1943 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 1/1/2014 **Work Type:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 7 **Surveyed:** 1

Conditions: **PCI:** 89

Inspection Comments:

Sample Number: 124 **Type:** R **Area:** 3500.00 SqFt **PCI:** 89

Sample Comments:

48	L & T CR	L	31.00	Ft
57	WEATHERING	L	3500.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: TW D **Name:** TAXIWAY D **Use:** TAXIWAY **Area:** 210,050 SqFt

Section: 427 of 5 **From:** - **To:** - **Last Const.:** 1/1/2014

Surface: AC **Family:** CA653-GA-TW-AC **Zone:** **Category:** **Rank:** P

Area: 40,335 SqFt **Length:** 1,100 Ft **Width:** 35 Ft

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

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

Section Comments:

Work Date: 1/1/1943 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 1/1/2014 **Work Type:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 11 **Surveyed:** 2

Conditions: **PCI:** 90

Inspection Comments:

Sample Number: 135 **Type:** R **Area:** 3500.00 SqFt **PCI:** 90

Sample Comments:

48	L & T CR	L	17.00	Ft
57	WEATHERING	L	3500.00	SqFt

Sample Number: 138 **Type:** R **Area:** 3846.00 SqFt **PCI:** 91

Sample Comments:

48	L & T CR	L	8.00	Ft
57	WEATHERING	L	3846.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: TW D **Name:** TAXIWAY D **Use:** TAXIWAY **Area:** 210,050 SqFt

Section: 430 of 5 **From:** - **To:** - **Last Const.:** 1/1/2016

Surface: AAC **Family:** CA653-GA-TW-AAC-APC **Zone:** **Category:** **Rank:** P

Area: 84,969 SqFt **Length:** 2,100 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: 1/1/1943 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 1/1/2016 **Work Type:** Mill and Overlay **Code:** ML-OVL **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 21 **Surveyed:** 3

Conditions: **PCI:** 88

Inspection Comments:

Sample Number: 105 **Type:** R **Area:** 5441.00 SqFt **PCI:** 89

Sample Comments:

48	L & T CR	L	73.00	Ft
57	WEATHERING	L	5441.00	SqFt

Sample Number: 111 **Type:** R **Area:** 3500.00 SqFt **PCI:** 86

Sample Comments:

48	L & T CR	L	91.00	Ft
57	WEATHERING	L	3500.00	SqFt

Sample Number: 115 **Type:** R **Area:** 3500.00 SqFt **PCI:** 87

Sample Comments:

48	L & T CR	L	72.00	Ft
57	WEATHERING	L	3500.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: TW E **Name:** TAXIWAY E **Use:** TAXIWAY **Area:** 198,202 SqFt

Section: 505 of 5 **From:** - **To:** - **Last Const.:** 1/1/2014

Surface: AC **Family:** CA653-GA-TW-AC **Zone:** **Category:** **Rank:** P

Area: 17,197 SqFt **Length:** 35 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: 1/1/1943 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 1/1/2014 **Work Type:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 5 **Surveyed:** 1

Conditions: **PCI:** 91

Inspection Comments:

Sample Number: 101 **Type:** R **Area:** 3500.00 SqFt **PCI:** 91

Sample Comments:

57	WEATHERING	L	3325.00	SqFt
57	WEATHERING	M	175.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: TW E **Name:** TAXIWAY E **Use:** TAXIWAY **Area:** 198,202 SqFt

Section: 510 of 5 **From:** - **To:** - **Last Const.:** 1/1/2014

Surface: AC **Family:** CA653-GA-TW-AC **Zone:** **Category:** **Rank:** P

Area: 24,594 SqFt **Length:** 35 Ft **Width:** 720 Ft

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

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

Section Comments:

Work Date: 1/1/1943 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 1/1/2014 **Work Type:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 7 **Surveyed:** 1

Conditions: **PCI:** 90

Inspection Comments:

Sample Number: 108 **Type:** R **Area:** 3500.00 SqFt **PCI:** 90

Sample Comments:

48	L & T CR	L	21.00	Ft
57	WEATHERING	L	3500.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: TW E **Name:** TAXIWAY E **Use:** TAXIWAY **Area:** 198,202 SqFt

Section: 515 of 5 **From:** - **To:** - **Last Const.:** 7/1/2011

Surface: AC **Family:** CA653-GA-TW-AC **Zone:** **Category:** **Rank:** P

Area: 52,494 SqFt **Length:** 50 Ft **Width:** 1,050 Ft

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

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

Section Comments:

Work Date: 7/1/2011 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 13 **Surveyed:** 2

Conditions: **PCI:** 84

Inspection Comments:

Sample Number: 116 **Type:** R **Area:** 3500.00 SqFt **PCI:** 86

Sample Comments:

57	WEATHERING	L	2800.00	SqFt
57	WEATHERING	M	700.00	SqFt

Sample Number: 123 **Type:** R **Area:** 3500.00 SqFt **PCI:** 83

Sample Comments:

48	L & T CR	L	10.00	Ft
57	WEATHERING	L	2800.00	SqFt
57	WEATHERING	M	700.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: TW E **Name:** TAXIWAY E **Use:** TAXIWAY **Area:** 198,202 SqFt

Section: 520 of 5 **From:** - **To:** - **Last Const.:** 1/1/2014

Surface: AC **Family:** CA653-GA-TW-AC **Zone:** **Category:** **Rank:** P

Area: 27,412 SqFt **Length:** 35 Ft **Width:** 900 Ft

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

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

Section Comments:

Work Date: 1/1/2014 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 8 **Surveyed:** 1

Conditions: **PCI:** 91

Inspection Comments:

Sample Number: 201 **Type:** R **Area:** 3503.00 SqFt **PCI:** 91

Sample Comments:

57	WEATHERING	L	3328.00	SqFt
57	WEATHERING	M	175.00	SqFt

Network: EVB **Name:** NEW SMYRNA BEACH MUNICIPAL AIRPORT

Branch: TW E **Name:** TAXIWAY E **Use:** TAXIWAY **Area:** 198,202 SqFt

Section: 530 of 5 **From:** - **To:** - **Last Const.:** 1/1/2018

Surface: AC **Family:** CA653-GA-TW-AC **Zone:** **Category:** **Rank:** P

Area: 76,505 SqFt **Length:** 2,100 Ft **Width:** 35 Ft

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

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

Section Comments:

Work Date: 1/1/1940 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 1/1/2018 **Work Type:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Last Insp. Date: 1/24/2022 **TotalSamples:** 14 **Surveyed:** 2

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 202 **Type:** R **Area:** 5168.00 SqFt **PCI:** 94

Sample Comments:

57	WEATHERING	L	5168.00	SqFt

Sample Number: 209 **Type:** R **Area:** 5075.00 SqFt **PCI:** 94

Sample Comments:

57	WEATHERING	L	5075.00	SqFt

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