2023 ODAV Pavement Evaluation Program Seaside Municipal Airport

Seaside, Oregon

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Prepared for

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1 OVERVIEW

GRI assisted with updating the Oregon Department of Aviation (ODAV) airport pavement management system and developing a five-year plan comprised of maintenance, surface treatment, rehabilitation, and reconstruction projects for the Seaside Municipal Airport in Seaside, Oregon. This project was implemented as part of the ODAV and Federal Aviation Administration (FAA) *Oregon Continuous Aviation System Plan*. The information provided in this report ensures compliance with FAA Grant Assurance Number 11, which outlines that an airport shall have an effective airport pavement maintenance-management program in place to receive federal financial assistance for the construction, reconstruction, or repair of airport pavements.

GRI conducted surveys of the airside pavement at Seaside Municipal Airport in 2023 in accordance with the procedures of Advisory Circular 150/5380-7B and ASTM International (ASTM) D5340. We uploaded the survey data into the PAVER database and used the software to provide a rapid calculation of the pavement condition index (PCI) rating. The PCI is a numerical indicator that defines the functional condition of the pavement based on visual inspection. The scale ranges from zero to 100, where zero represents a pavement in the worst possible condition with no remaining functional life and 100 represents a pavement in the best possible condition with no defects.

2 PAVEMENT INVENTORY

Seaside Municipal Airport is located in Seaside, Oregon, and is owned and operated by the City of Seaside. The airport consists of a single runway, a primary taxiway, and multiple connector taxiways and aprons that serve a variety of general aviation aircraft and military aircraft. The general location of the airport is shown below on the Seaside Municipal Airport Location Map, Figure 2.1.





Figure 2.1: SEASIDE MUNICIPAL AIRPORT LOCATION MAP

The airside pavements at the Seaside Municipal Airport are comprised of asphalt concrete (AC). The airport pavements, delineated by surface type and branch use, are shown on the Seaside Municipal Airport Percent of Pavement Area by Surface Type, Figure 2.2, and on the Seaside Municipal Airport Pavement Area by Branch Use, Figure 2.3, shown below. The pavement inventory, including work history for each pavement section, is displayed spatially on the Seaside Municipal Airport Pavement Pavement Inventory, Figure 2.4. The pavement facilities summarized by branch and section are listed in Tables 1A and 2A, respectively, in Appendix A. The sample unit layout for each section is shown on Figure 1A in Appendix A. We used the sampling rates outlined in Table 3A of Appendix A in our survey. The pavement inventory, including work history for individual airport pavement sections, is provided in the work history report, Table 1F.













ABBREVIATIONS: AC = ASPHALT CONCRETE; Cr. = CRUSHED; Agg. = AGGREGATE





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3 PAVEMENT CONDITION INSPECTION RESULTS

3.1 Introduction

GRI conducted a visual PCI survey of the airside pavements at Seaside Municipal Airport in July 2023. The 2023 survey work was performed on sections last inspected in 2018 in order to update the Seaside Municipal Airport inspection data. GRI performed the 2023 PCI survey in accordance with the methods described in FAA Advisory Circular 150/5380-6C and ASTM D5340 and further discussed in Appendix B of this report.

The PCI is based on the type, severity, and quantity of each distress found in an inspected sample unit. Further discussion of distress types for flexible pavement is provided in Appendix B and summarized in Table 1B in Appendix B. The results of the PCI survey are displayed using a seven-category rating scale in accordance with ASTM D5340. Details of the ASTM PCI rating scale are provided in Table 3-1 below.

PCI Color Legend	PCI Range	PCI Rating and Definition
	86 – 100	GOOD: Pavement has minor or no distresses and should require only routine maintenance.
	71 – 85	SATISFACTORY: Pavement has scattered low-severity distresses that should require only routine maintenance.
	56 – 70	FAIR: Pavement has a combination of generally low- and medium-severity distresses. Maintenance and repair needs may range from routine to major.
	41 – 55	POOR: Pavement has low-, medium-, and high-severity distresses that probably cause some operational problems. M&R needs will be major.
	26 – 40	VERY POOR: Pavement has predominantly medium- and high-severity distresses that cause considerable maintenance and operational problems. M&R needs will be major.
	11 – 25	SERIOUS: Pavement has mainly high-severity distresses that may affect operational safety; immediate repairs are needed.
	0 – 10	FAILED: Pavement deterioration has progressed to the point that safe aircraft operations are no longer possible; complete reconstruction is required.

Table 3-1: ASTM PCI RATING SCALE

3.2 Pavement Condition Index Survey Results

The area-weighted average PCI for all airport pavements at Seaside Municipal Airport is approximately 63. The section PCIs ranged from a low of 15 to a high of 94. The primary distresses observed during the inspection were weathering, longitudinal and transverse cracking, fatigue (alligator) cracking, depression, and patching on AC-surfaced pavements. Section PCIs following our pavement survey are displayed below spatially on the 2023 PCI Survey Results Seaside Municipal Airport, Figure 3.1.



400

Feet

200

0

- (26 40) VERY POOR
- (11 25) SERIOUS
- (0 10) FAILED

SEASIDE MUNICIPAL AIRPORT 2023 PCI SURVEY RESULTS

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FIG. 3.1



The condition distribution of the network by percent of total pavement area is provided on the Seaside Municipal Airport Pavement Condition Rating by Percent of Area, Figure 3.2. A summary of the pavement condition results by branch and section is included in Tables 2B and 3B of Appendix B, respectively. A comparison between the previous inspection and the 2023 inspection is provided in Table 4B in Appendix B. The reinspection report that includes inspection details for individual sample units is provided in Table 1E in Appendix E.



Figure 3.2: SEASIDE MUNICIPAL AIRPORT PAVEMENT CONDITION RATING BY PERCENT OF AREA



4 FUTURE PAVEMENT CONDITION ANALYSIS

4.1 Introduction

In addition to assessing the current condition of a pavement, it is very important from a planning standpoint to be able to predict with reasonable accuracy the future condition. Additional details regarding our future pavement condition analysis, including pavement condition prediction models, are provided in Appendix C. PCI performance curves developed for Seaside Municipal Airport are displayed on Figures 1C through 3C in Appendix C.

4.2 Future Condition Analysis

Using the condition prediction models discussed above, the projected condition of each pavement section was determined for 5- and 10-year periods. Based on this analysis, we project the PCI to decrease from a current value of 63 to a value of 57 in 2028 and 49 in 2033 if no maintenance or rehabilitation work is performed. The projected pavement condition in 5 years and 10 years for each pavement section at Seaside Municipal Airport is displayed spatially on the Future Pavement Condition Seaside Municipal Airport, Figure 4.1, and listed in Table 1C in Appendix C, along with the past and present PCI values for the pavement network.

4.3 Functional Remaining Life

Functional remaining life is the practical amount of time a pavement is in service before requiring rehabilitation, as estimated solely based on visual condition. This is not to be confused with structural remaining life, which requires analysis of the structural capacity of a pavement and typically a field exploration and testing program that includes core explorations and falling weight deflectometer (FWD) deflection tests.

We calculated two forms of functional remaining life based on the current visual condition surveys of the pavement at Seaside Municipal Airport. The first type of functional remaining life is the time until rehabilitation, such as an overlay, is needed. The critical PCI, further discussed in Section C.3 of Appendix C, is the threshold used for this type of functional remaining-life analysis. The second type of functional remaining life is the time until the pavement is no longer operational due to high foreign object debris (FOD) potential and increased safety concerns for trafficking aircraft. A PCI of 40 was set as the trigger point for the end of the pavement's functional service life with regard to FOD potential.

The two types of functional remaining life for each section at Seaside Municipal Airport are summarized in Table 2C in Appendix C.



SECTION PCI







SEASIDE MUNICIPAL AIRPORT FUTURE PAVEMENT CONDITION

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5 MAINTENANCE AND REHABILITATION PROJECT RECOMMENDATIONS

5.1 Introduction

We evaluated M&R needs, as determined from the PAVER analysis results, in order to develop localized maintenance, surface treatment, rehabilitation, and reconstruction needs. Details of our M&R work priorities and unit costs for work activities are provided in Tables 1D and 2D, respectively, in Appendix D.

5.2 Recommended Localized Maintenance

Localized maintenance refers to activities such as crack sealing and patching, which should be performed annually in order to properly maintain aging pavements. Using the PAVER Localized Distress Maintenance Analysis tool, we developed a list of recommended localized maintenance. This list is shown in Table 3D in Appendix D and is independent of the surface treatments, rehabilitation, and reconstruction projects associated with the fiveyear surface treatment and rehabilitation work plan. A summary of total localized maintenance quantities is provided in Table 5-1 below.

Table 5-1: LOCALIZED	MAINTENANCE QUANTITIES
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Localized Maintenance Operation	Quantity
Asphalt Concrete Crack Sealing	23,407 linear feet
Asphalt Concrete Full-Depth Patching	6,439 square feet

5.3 Surface Treatment, Rehabilitation, and Reconstruction Plan

To develop the five-year work plan, we first ran the eliminate backlog scenario with the PAVER M&R Work Planning Module in order to generate a list, organized by year, of surface treatment, rehabilitation, and reconstruction projects. We then reviewed the project list and refined it into practical construction projects for each year. A summary of surface treatment, rehabilitation, and reconstruction quantities is provided in Table 5-2 below, and maps of the project locations by year are shown on the 5-Year Pavement Management Plan Seaside Municipal Airport, Figure 5.1. The complete list of recommended surface treatment, rehabilitation, and reconstruction projects is presented in Table 4D in Appendix D.

Table 5-2: SURFACE TREATMENT, REHABILITATION, AND RECONSTRUCTION QUANTITIES

Treatment Type	Quantity, square feet
Reconstruction	4,886
Overlay	161,097
Fog Seal	6,021
Slurry Seal	133,784







SEASIDE MUNICIPAL AIRPORT 5-YEAR PAVEMENT MANAGEMENT PLAN

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FIG. 5.1



6 **LIMITATIONS**

This report has been prepared to assist the ODAV with pavement-related project planning for the Seaside Municipal Airport. The scope is limited to the specific pavement areas described within this report. The conclusions and recommendations provided in this report are based on information provided by ODAV, estimated costs, and an understanding of the pavement conditions based solely on visual assessment. The surface treatment, rehabilitation, and reconstruction recommendations and project selections provided in this report, as well as their corresponding cost estimates, are based on a practical grouping of projects and an estimate of the structural requirements. It is possible that recommendations based on a structural evaluation would differ materially from the recommendations given within this report. Therefore, the information included in this report should be used solely for project planning purposes, and it should be understood that rehabilitation costs may vary from the cost estimates given within this report.

Because the condition of the airport pavement network is dynamic, an effective maintenance and rehabilitation program should be reviewed and updated on a regular basis. In addition to regularly surveying and updating the pavement condition, completed construction activities should be tracked in the PAVER database. If Seaside Municipal Airport would like to know more about the results presented in this report, please contact the undersigned.

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APPENDIX A

Pavement Inventory Reports and Maps



APPENDIX A

PAVEMENT INVENTORY REPORTS AND MAPS

A.1 PAVEMENT NETWORK

Seaside Municipal Airport is located in Seaside, Oregon, and is owned and operated by the City of Seaside. The pavement network/facilities at Seaside Municipal Airport serve a variety of general aviation aircraft and military aircraft. Seaside Municipal Airport consists of a single runway, a primary taxiway, and multiple connector taxiways and aprons. Airside pavements are comprised of asphalt concrete (AC).

The current airport pavement management system (APMS) network at Seaside Municipal Airport has an approximate area of 308,745 square feet of paved airside facilities. The pavement network has previously been divided (by others) into a hierarchical order of branches, sections, and sample units that facilitate inspection and maintenance planning. The pavement facilities summarized by branch and section are listed in Tables 1A and 2A, respectively. Pavement sections and the sample unit layout for each section are shown on Figure 1A in this appendix.

A.2 BRANCHES

A branch, as defined in the PAVER system, is a facility that is a readily identifiable part of the pavement system and has a distinct function. For airports, branches typically consist of individual runways, taxiways, and aprons. The current pavement network for Seaside Municipal Airport contains nine branches, tabulated in Table 1A and shown on Figure 1A.

A.3 SECTIONS AND SAMPLE UNITS

A pavement section is the smallest management unit used when considering the application and selection of maintenance and rehabilitation (M&R) repairs and treatments and is defined by Section 2.1.8 of ASTM International (ASTM) D5340 as *"a contiguous pavement area having uniform construction, maintenance, usage history, and condition."* All sections should also have the same traffic volume and load intensity. The current pavement network included in the PAVER database for Seaside Municipal Airport contains 14 sections that are managed by the City of Seaside, which are tabulated in Table 2A and shown spatially on Figure 1A.

PAVER assigns a rank, which designates that pavement's prioritization in receiving maintenance and repair. The highest use or priority pavements, such as runways, taxiways, and terminal aprons, are ranked *Primary*, while the surrounding aprons and shoulders are ranked *Secondary* and low-use areas are ranked *Tertiary*. The ranks for all sections are shown on Table 2A.



To facilitate the visual survey of the airport pavement, each section is further subdivided into smaller areas called sample units. Similar sizing of these units is critical, and studies have found that maintaining the size of the sample units to within 40% of the established normal distribution reduces the standard error of the average pavement condition index (PCI) values. To meet this criterion, the ASTM method recommends sample units for flexible pavements be 5,000 \pm 2,000 square feet. The delineation of sample units for each section is displayed on Figure 1A.

A.4 SAMPLE UNIT DELINEATION

For an APMS survey, a PCI confidence level of 92% and an allowable error (e) of eight PCI points are used for all airport pavements. To determine the number of sample units that need to be inspected to achieve the required confidence level and allowable error, the following equation is used:

$$n = \frac{N \times s^2}{\left(\frac{e^2}{4}\right)(N-1) + s^2}$$
 (Equation 1)

where:

n = number of sample units to be inspected

N = total number of samples in the pavement sections

e = allowable error

s = section standard deviation

For the 2023 Seaside Municipal Airport PCI survey, Table 3A was used as a guideline in developing sampling rates for flexible pavement that reflect similar rates used for other large airport pavement networks. In general, this sampling rate distribution provides a 92% confidence level with a standard error of eight PCI points.

Sample unit locations at Seaside Municipal Airport were selected using a systematic random sampling model method. This technique is implemented by first determining the number of sample units needed based on the confidence interval calculated using Equation 1. The first sample unit is randomly placed in the section, and then the remaining sample units are systematically spaced throughout the section at an equal distance apart.

Facility Designation (Branch ID)	Branch Name	Number of Sections	Approximate Area, square feet
A01SS	Apron 01 Seaside	3	105,787
AHOLDSS	Hold Apron Seaside	1	1,409
R16SS	Runway 16/34 Seaside	3	117,850
T01SS	Taxiway 01 Seaside	2	3,954
T02SS	Taxiway 02 Seaside	1	4,886
TA1SS	Taxiway A1 Seaside	1	5,952
TA2SS	Taxiway A2 Seaside	1	4,030
TA3SS	Taxiway A3 Seaside	1	5,952
TASS	Taxiway A Seaside	1	58,925

Table 1A: SEASIDE MUNICIPAL AIRPORT PAVEMENT BRANCHES



Table 2A: SEASIDE MUNICIPAL AIRPORT CURRENT PAVEMENT INVENTORY

									Approximate		
BranchID	Branch Namo	Branch Uso	SectionID	From	То	Pank	Longth foot	Width foot	Area, square		
A0155	Aprop 01 Seaside	APRON	01	Section 02	Fence	P	215	25	4 612	1/1/1965	
A01SS	Apron 01 Seaside	APRON	02	Section 03	Fence	P	347	297	78.769	8/2/1964	AC
A01SS	Apron 01 Seaside	APRON	03	Taxiway 03	Taxiway 04	Р	80	280	22,406	8/3/1961	AC
AHOLDSS	Hold Apron Seaside	APRON	01	T01	West Edge	Р	22	142	1,409	8/29/2016	AC
R16SS	Runway 16/34 Seaside	RUNWAY	01	Runway 34 End (South)	Section 02	Р	160	50	8,000	1/3/1961	AC
R16SS	Runway 16/34 Seaside	RUNWAY	02	Section 01	Section 03	Р	120	50	6,000	1/1/2003	AC
R16SS	Runway 16/34 Seaside	RUNWAY	03	Section 02	Runway 16 End	Р	2,077	50	103,850	8/3/1961	AC
T01SS	Taxiway 01 Seaside	TAXIWAY	01	Taxiway 01	Apron 01	Р	18	36	997	8/3/1961	AC
T01SS	Taxiway 01 Seaside	TAXIWAY	02	T03-01	T01	Р	72	30	2,957	8/29/2016	AC
T02SS	Taxiway 02 Seaside	TAXIWAY	01	Taxiway 01	Apron 01	Р	121	30	4,886	8/3/1961	AC
TA1SS	Taxiway A1 Seaside	TAXIWAY	01	Runway 16 End	Taxiway A	Р	112	50	5,952	8/3/1961	AC
TA2SS	Taxiway A2 Seaside	TAXIWAY	01	Runway 16/34	Taxiway 01	Р	113	30	4,030	8/3/1961	AC
TA3SS	Taxiway A3 Seaside	TAXIWAY	01	Runway 34 End	Taxiway A	Р	112	50	5,952	8/3/1961	AC
TASS	Taxiway A Seaside	TAXIWAY	01	Runway 34 End (South)	Runway 16 End (North)	Р	2,357	25	58,925	8/3/1961	AC

Abbreviations:

P = Primary pavement

LCD = Last Construction Date. The date of the last major rehabilitation (e.g. overlay)

AC = Asphalt Concrete





Table 3A: EXAMPLE SAMPLE RATES FOR AC PAVEMENTS

AC Sampling Rate				
Total Number of Sample Units, N	Sample Units to Survey, n			
1	1			
2-3	2			
4-6	3			
7-13	4			
14-38	5			
39+	6			

Note: AC = Asphalt Concrete



<u>LEGEND</u>

SAMPLE UNITS





SEASIDE MUNICIPAL AIRPORT SAMPLE UNIT LAYOUT

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APPENDIX B

Pavement Condition Index Survey Results



APPENDIX B

PAVEMENT CONDITION INDEX SURVEY RESULTS

B.1 METHODOLOGY

As previously discussed, the PCI is a measure of the pavement's functional surface condition and provides a methodology for assessing the causes of distress and whether the distress is related to a load or climatic conditions. Although the PCI is not a direct measure of structural capacity, it provides a suggestion of the structural needs of the pavement.

The PCI is based on the type, severity, and quantity of each distress found in an inspected sample unit. The results are displayed using a seven-category rating scale in accordance with ASTM D5340. Flexible pavement (e.g., AC and AAC) distress types are presented in Table 1B. A summary of the pavement condition results by branch and section is included in Tables 2B and 3B of Appendix B, respectively.

Flexible Pavement						
PAVER Code	Pavement Distress	Related Cause				
41	Alligator Cracking	Load				
42	Bleeding	Other				
43	43 Block Cracking					
44	Corrugation	Other				
45	Depression	Other				
46	Jet Blast	Other				
47	Joint Reflection Cracking	Climate/ Durability				
48	Longitudinal & Transverse Cracking	Climate/ Durability				
49	Oil Spillage	Other				
50	Patching	Climate/ Durability				
51	Polished Aggregate	Other				
52	Raveling	Climate/ Durability				
53	Rutting	Load				
54	Shoving	Other				
55	Slippage Cracking	Other				
56	Swelling	Other				
57	Weathering	Climate/ Durability				

Table 1B: PAVER DISTRESS CODES FOR FLEXIBLE PAVEMENT



To obtain the section PCI, we extrapolated the PCI of each selected sample unit over the entire section area. Distresses found in sample units classified as "additional"– defined as nonrepresentative instead of random- are not extrapolated over the entire section but merely added to the extrapolated quantity. The PCI rating scale presented previously in Table 3-1 of Section 3.1 is based on ASTM D5340.

Section 4.1 of ASTM D5340, governing PCI surveys, offers this caution:

"The PCI is a numerical indicator that rates the surface condition of the pavement. The PCI provides a measure of the **present condition** of the pavement based on the distress observed on the surface of the pavement, which also indicates the structural integrity and surface operational condition (localized roughness and safety). The PCI **cannot** measure structural capacity, nor does it provide a direct measurement of skid resistance or roughness. It provides an objective and rational basis for determining maintenance and repair needs and priorities. Continuous monitoring of the PCI is used to establish the rate of pavement deterioration, which permits early identification of major rehabilitation needs. The PCI provides feedback on pavement performance for validation or improvement of current pavement design and maintenance procedures."

Based on the limitations of the PCI method, it is imperative that engineers and planners treat the PCI as a tool that will assist them during the M&R planning process. Any major project should always be preceded by an up-to-date, detailed, 100% project-level inspection of the pavement in order to reevaluate maintenance needs prior to the project design process.

B.2 DISTRESS TYPES

Distress tends to fall into one of the following four cause categories:

- **Load-related:** Flexible pavement distresses include alligator/fatigue cracking, corrugation, depression, polished aggregate, rutting, and slippage cracking.
- Climate- and durability-related: Flexible pavement distresses include bleeding, block cracking, joint reflection cracking, longitudinal and transverse (L&T) cracking, swelling, and raveling/weathering.
- **Moisture- and drainage-related:** Flexible pavement distresses include alligator/fatigue cracking, depressions, potholes, and swelling.
- **Other factors:** Oil spillage, jet blast erosion, bleeding, and patching.



As described above, distress may be the result of more than one cause. For example, depressions may be caused by incorrect compaction during construction or by subgrade softening due to environmental factors. In addition, distress may be initiated by one cause but may progress to a distress of higher severity by another cause. Therefore, engineering judgment is critical in analyzing the actual cause or causes of the distress.

B.3 PAVEMENT CONDITION INDEX SURVEY RESULTS

The evaluated Seaside Municipal Airport pavement network consists of 9 branches and 14 sections. A total of 30 sample units were visually inspected in the field. Data from the inspected sample units was input into the PAVER database, and a resultant PCI for each section was computed. Additional details regarding the PCI and distress types observed for each surveyed sample unit are provided in the re-inspection report, Table 1E, in Appendix E. Based on the 2023 PCI survey, the area-weighted average PCI for the entire pavement network at Seaside Municipal Airport is approximately 63, which corresponds to a PCI rating of Fair.

To investigate the rate of deterioration of each pavement section, we compared the PCI results from the 2023 survey to the PCI results from the previous inspection. The variation in PCI between inspections for Seaside Municipal Airport pavement sections is outlined in Table 4B in this appendix.

Branch ID	Number of Sections	Approximate Area, square feet	Use	Area Weighted Average Branch PCI	PCI Category
A01SS	3	105,787	APRON	50	Poor
AHOLDSS	1	1,409	APRON	81	Satisfactory
R16SS	3	117,850	RUNWAY	75	Satisfactory
T01SS	2	3,954	TAXIWAY	84	Satisfactory
T02SS	1	4,886	TAXIWAY	15	Serious
TA1SS	1	5,952	TAXIWAY	73	Satisfactory
TA2SS	1	4,030	TAXIWAY	70	Fair
TA3SS	1	5,952	TAXIWAY	76	Satisfactory
TASS	1	58,925	TAXIWAY	62	Fair

Table 2B: SEASIDE MUNICIPAL AIRPORT CURRENT BRANCH CONDITION REPORT

Use Category	Number of Sections	Total Area, square feet	Area Weighted Average PCI
APRON	4	107,196	51
RUNWAY	3	117,850	75
TAXIWAY	7	83,699	62
ALL	14	308,745	63

Abbreviation: PCI = Pavement Condition Index



BranchID	SectionID	Last Construction Date	Surface Type	Use	Last Inspection Date	Age at Inspection	PCI	PCI Category	PCI % Climate	PCI % Load	PCI % Other
A01SS	01	1/1/1965	AC	APRON	7/1/2023	59	75	Satisfactory	100	0	0
A01SS	02	8/2/1964	AC	APRON	7/1/2023	59	48	Poor	29	47	24
A01SS	03	8/3/1961	AC	APRON	7/1/2023	62	53	Poor	50	50	0
AHOLDSS	01	8/29/2016	AC	APRON	7/1/2023	7	81	Satisfactory	100	0	0
R16SS	01	1/3/1961	AC	RUNWAY	7/1/2023	62	71	Satisfactory	100	0	0
R16SS	02	1/1/2003	AC	RUNWAY	7/1/2023	21	89	Good	100	0	0
R16SS	03	8/3/1961	AC	RUNWAY	7/1/2023	62	74	Satisfactory	100	0	0
T01SS	01	8/3/1961	AC	TAXIWAY	7/1/2023	62	53	Poor	56	44	0
T01SS	02	8/29/2016	AC	TAXIWAY	7/1/2023	7	94	Good	100	0	0
T02SS	01	8/3/1961	AC	TAXIWAY	7/1/2023	62	15	Serious	40	60	0
TA1SS	01	8/3/1961	AC	TAXIWAY	7/1/2023	62	73	Satisfactory	100	0	0
TA2SS	01	8/3/1961	AC	TAXIWAY	7/1/2023	62	70	Fair	100	0	0
TA3SS	01	8/3/1961	AC	TAXIWAY	7/1/2023	62	76	Satisfactory	100	0	0
TASS	01	8/3/1961	AC	TAXIWAY	7/1/2023	62	62	Fair	64	36	0

Abbreviations:

PCI = Pavement Condition Index, AC = Asphalt Concrete



Table 4B: SEASIDE MUNICIPAL AIRPORT COMPARISON OF PREVIOUS INSPECTION AND 2023 RESULTS

			Approximate									
			Area, square			2018 Su	irvey	2	2023 Survey			Rate of
Branch ID	Section ID	Surface Type ¹	feet	LCD ²	PCI ³	PCI Category	Inspection Date	PCI	PCI Category	Age ⁴	∆ PCI/yr⁵	Deterioration
A01SS	01	AC	4,612	1/1/65	100	Good	5/10/2018	75	Satisfactory	53	-4.86	HIGH
A01SS	02	AC	78,769	8/2/64	69	Fair	5/10/2018	48	Poor	54	-4	HIGH
A01SS	03	AC	22,406	8/3/61	67	Fair	5/10/2018	53	Poor	57	-2.72	NORMAL
AHOLDSS	01	AC	1,409	8/29/16	100	Good	5/10/2018	81	Satisfactory	2	-4	NORMAL
R16SS	01	AC	8,000	1/3/61	80	Satisfactory	5/10/2018	71	Satisfactory	57	-1.75	NORMAL
R16SS	02	AC	6,000	1/1/03	95	Good	5/10/2018	89	Good	15	-1	NORMAL
R16SS	03	AC	103,850	8/3/61	81	Satisfactory	5/10/2018	74	Satisfactory	57	-1.36	NORMAL
T01SS	01	AC	997	8/3/61	70	Fair	5/10/2018	53	Poor	57	-3	NORMAL
T01SS	02	AC	2,957	8/29/16	100	Good	5/10/2018	94	Good	2	-1.17	NORMAL
T02SS	01	AC	4,886	8/3/61	51	Poor	5/10/2018	15	Serious	57	-7	HIGH
TA1SS	01	AC	5,952	8/3/61	67	Fair	5/10/2018	73	Satisfactory	57	1.17	NONE
TA2SS	01	AC	4,030	8/3/61	76	Satisfactory	5/10/2018	70	Fair	57	-1	NORMAL
TA3SS	01	AC	5,952	8/3/61	79	Satisfactory	5/10/2018	76	Satisfactory	57	-0.58	NORMAL
TASS	01	AC	58,925	8/3/61	70	Fair	5/10/2018	62	Fair	57	-2	NORMAL

Abbreviations:

¹ AC = Asphalt Concrete

 2 LCD = Last construction date. The date of the last major pavement rehabilitation (e.g. AC overlay)

³ PCI = Pavement Condition Index

⁴ Age = Pavement age in years at the time of the PCI survey in 2018

 5 Δ PCI/yr = Change in PCI points per year between 2018 survey and 2023 survey





APPENDIX C

Future Pavement Condition Analysis



APPENDIX C

PAVEMENT CONDITION ANALYSIS

C.1 METHODOLOGY

In addition to assessing the current condition of a pavement, it is very important from a planning standpoint to be able to predict with reasonable accuracy its future condition. In a pavement management plan (PMP), this is done with the aid of a prediction model. When an APMS is initially implemented, the default models are typically used to predict the future condition of a pavement. However, after PCI surveys are completed, the historical data are then used to refine the models, so they better represent the deterioration of a particular class of pavement based on local climatic conditions, loading, material sources, construction procedures, etc. The importance of accurate prediction models is part of the reason it is essential to conduct periodic, routine surveys in order to track the rate of deterioration.

In PAVER, the pavement deterioration curves are developed based on the "family" model procedure. A pavement "family" is defined as a group of pavements with similar deterioration characteristics. The procedure for developing the prediction models is:

- 1) Define the pavement families.
- 2) Review the data.
- 3) Conduct a data-outlier analysis.
- 4) Model the data.

C.2 PREDICTION MODELS

We developed separate condition prediction models for each pavement "family" at Seaside Municipal Airport. The delineation is based on branch use, surface type, section rank, and structural design life. We use three distinct models for the following "families" of pavements at Seaside Municipal Airport. For each model, we reviewed the data in order to filter out any inconsistent or inaccurate data or any data that fell outside boundary values set by PAVER. After outliers are removed and the data are checked for accuracy and reasonableness, the PAVER program calculates a best-fit curve using a polynomialconstrained, least-squares analysis procedure. This best-fit curve for each family is used in the analysis to predict the average behavior of all sections within each "family." Our condition prediction models for each "family" are provided on Figures 1C through 3C below.





Figure 1C: CONDITION PREDICTION MODEL FOR NORTHWESTERN CATEGORY 4 AC APRONS



Figure 2C: CONDITION PREDICTION MODEL FOR NORTHWESTERN CATEGORY 4 AC RUNWAYS





Figure 3C: CONDITION PREDICTION MODEL FOR NORTHWESTERN CATEGORY 4 AC TAXIWAYS

C.3 CRITICAL PCI

Each of the condition-prediction models has an assigned critical PCI. The critical PCI is the point at which the pavement condition begins to deteriorate more quickly over time. As the condition deteriorates to a worse state, major M&R (rehabilitation/reconstruction) is triggered because the cost to apply localized M&R increases significantly. Pavement sections with PCI above the critical value are given a higher priority for funding during budget analysis in order to prevent them from deteriorating to the point where more costly rehabilitation is necessary. We used the following critical PCI values at Seaside Municipal Airport:

- Runways 60
- Taxiways/Taxilanes 55
- Aprons 50

C.4 FUTURE CONDITION ANALYSIS

As previously discussed, the projected condition of each pavement section was determined for 5- and 10-year periods. The projected pavement conditions in 5 years and 10 years for each pavement section at Seaside Municipal Airport, along with the conditions at the previous inspection, are listed in Table 1C.

C.5 FUNCTIONAL REMAINING LIFE

As mentioned above, functional remaining life is the practical amount of time a pavement is in service before requiring rehabilitation, as estimated based solely on visual condition.



This is not to be confused with structural remaining life, which requires analysis of the structural capacity of a pavement.

We calculated two forms of functional remaining life based on the current visual condition surveys of the pavement at Seaside Municipal Airport: the time until rehabilitation and the time until the pavement is no longer operational due to high foreign object debris potential and increased safety concerns for trafficking aircraft (PCI less than 40). The results of the functional life analysis are provided in Table 2C.

Table 1C: PAST, PRESENT AND FUTURE PCI

		Past Inspection PCI	Current PCI	Predicted F	uture PCI
BranchID	SectionID	2018	2023	2028	2033
A01SS	01	100	75	69	64
A01SS	02	69	48	42	37
A01SS	03	67	53	47	42
AHOLDSS	01	100	81	75	70
R16SS	01	80	71	60	35
R16SS	02	95	89	84	79
R16SS	03	81	74	73	69
T01SS	01	70	53	35	18
T01SS	02	100	94	88	82
T02SS	01	51	15	0	0
TA1SS	01	67	73	70	65
TA2SS	01	76	70	64	53
TA3SS	01	79	76	74	71
TASS	01	70	62	48	31

Abbreviation: PCI = Pavement Condition Index



			-		-	
						Years to End of
		Surface	Current	Years to Major	Major M&R	Functional Service
Branch ID	Section ID	Туре	PCI	M&R	Trigger PCI ¹	Life
A01SS	01	AC	75	> 20	50	> 20
A01SS	02	AC	48	0 - 5	50	6 - 10
A01SS	03	AC	53	0 - 5	50	11 - 15
AHOLDSS	01	AC	81	> 20	50	> 20
R16SS	01	AC	71	0 - 5	60	6 - 10
R16SS	02	AC	89	> 20	60	> 20
R16SS	03	AC	74	11 - 15	60	16 - 20
T01SS	01	AC	53	0 - 5	55	0 - 5
T01SS	02	AC	94	> 20	55	> 20
T02SS	01	AC	15	0 - 5	55	0 - 5
TA1SS	01	AC	73	11 - 15	55	> 20
TA2SS	01	AC	70	6 - 10	55	11 - 15
TA3SS	01	AC	76	> 20	55	> 20
TASS	01	AC	62	0 - 5	55	6 - 10

Table 2C: SEASIDE MUNICIPAL AIRPORT FUNCTIONAL REMAINING LIFE ANALYSIS

Abbreviations:

PCI = Pavement Condition Index, AC = Asphalt Concrete

¹ Major M&R (Maintenance and Rehabilitation) Trigger PCI = Critical PCI





APPENDIX D

Unit Cost Data and Maintenance and Rehabilitation Plan



APPENDIX D

UNIT COST DATA AND MAINTENANCE AND REHABILITATION PLAN

D.1 ANALYSIS METHODOLOGY

We evaluated the M&R needs, as determined from the PAVER analysis results, in order to develop project recommendations for the next five years. The purpose of this analysis is to determine the M&R needs of the Seaside Municipal Airport pavement network condition over time. We used PAVER v7.1.1 software to develop network-level project recommendations for the next five years.

The PAVER M&R Work Planning Module identifies when and where M&R is required and how much it will cost. M&R plans can be developed either by assuming an annual budget or by identifying specific constraints, such as a condition goal, to determine the budget required to meet the goal. The M&R work planning analysis was based on a five-year period beginning on August 1, 2024. A backlog elimination analysis scenario was selected to generate a list of surface treatment, rehabilitation, and reconstruction projects in order to optimize the allocation of capital and establish preservation-based project recommendations. The repair strategies considered for pavement sections in our analysis are as follows:

- Reconstruction Considered for pavements with a PCI less than 40.
- Rehabilitation (AC Overlay) Considered for pavements between 40 PCI and the critical PCI and for pavements exhibiting significant load-related distresses.
- Surface Treatment Treatments (fog seal, slurry seal, thin AC overlay) are applied to an entire pavement section with the intent of slowing the rate of deterioration.
- Localized Maintenance Maintenance performed on a routine basis, such as crack sealing, wide crack repair, and patching.

It should be noted that the five-year list of recommended projects only includes the highest-cost maintenance items and does not include routine localized maintenance (e.g., crack sealing) work that should also be conducted in addition to and concurrently with the five-year work plan.

D.1.1 Pavement Rank and Use Prioritization

Pavement sections are assigned a rank to establish their relative importance in the overall pavement network, which is most commonly defined by their use (e.g., Taxiway, Apron, Runway). The PAVER analysis uses the combination of the section rank and the branch use



to define the priority of each section during the M&R analysis. Table 1D displays the branch use and section rank prioritization schema we used for analysis.

_	Section Rank							
Branch Use	Primary	Secondary	Tertiary					
RUNWAY	1	3	6					
TAXIWAY	2	5	8					
APRON	4	7	9					

Table 1D: M&R WORK PRIORITY BY BRANCH USE AND SECTION RANK

D.2 MAINTENANCE POLICIES AND UNIT COSTS

Distress-maintenance policies are policies that determine what type of work should be applied to a specific distress type and severity. For example, on an AC pavement, a medium-severity longitudinal/transverse crack would be repaired by crack sealing. Policies for all the distress types and severities are established by ASTM D5340.

Although our work scope does not include budget analysis, we did assign construction costs to the maintenance work so that PAVER would allocate M&R projects that were approximately equal in costs for each year of the five-year period. The anticipated cost of performing M&R is based on cost tables that relate M&R work type costs to PCI. We reviewed the unit costs from the 2018 report and updated them by reviewing the bid tabulations for recent projects within the vicinity of Seaside Municipal Airport and information provided by the ODAV Pavement Maintenance Program (PMP) project team. The costs for reconstruction are based on the existing pavement sections present within each branch use at Seaside Municipal Airport. The costs represent the fully loaded costs and include aspects of the project such as administration, contingencies, mobilization, and striping. The cost tables used in the analysis are presented in Table 2D below.



Type of M&R	Work Type	Unit Cost	Work Unit
Maine MQ.D	Complete Reconstruction with AC	\$17.32	Sq Ft
Major M&R	Cold Mill and Overlay – 2 Inches Thick	\$7.64	Sq Ft
Curfe en Transforment (Clabel) MQ.D.	Surface Treatment - Slurry Seal	\$0.52	Sq Ft
Surface Treatment (Global) M&R	Surface Treatment - Fog Seal	\$0.31	Sq Ft
	Crack Sealing - AC	\$3.12	Ft
	Crack Sealing - PCC	\$23.4	Ft
Less' ed Decesti e M0-D	Crack Sealing – Wide Cracks	\$51.48	Ft
Localized Preventive M&R	Joint Sealing – PCC	\$7.80	Ft
	AC Patching – Full Depth	\$78.00	Sq Ft
	PCC Patching – Full Depth	\$156.00	Sq Ft

Table 2D: REGION 1 UNIT COST DATA

D.3 RECOMMENDED LOCALIZED MAINTENANCE

In order to properly maintain aging pavements, localized M&R activities such as crack sealing and patching should be performed on a routine basis. A list of recommended localized maintenance activities is provided in Table 3D of this appendix.

D.4 RECOMMENDED SURFACE TREATMENT, REHABILITATION, AND RECONSTRUCTION PROJECTS

Surface treatment, rehabilitation, and reconstruction projects refer to activities such as slurry seal/fog seals, AC overlays, and reconstruction. A list of recommended projects is provided in Table 4D of this appendix.

Table 3D: SEASIDE MUNICIPAL AIRPORT NETWORK MAINTENANCE REPORT

Branch ID	Section ID	Distress	Severity	Action	Work Quantity	Unit	Unit Cost	Work Cost	Section Total
A01SS	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	113	Ft	\$3.12	\$353	\$353
A01SS	02	Long. & Trans. Cracking	Low	Crack Sealing - AC	3,449	Ft	\$3.12	\$10,763	
A01SS	02	Long. & Trans. Cracking	Medium	Crack Sealing - AC	546	Ft	\$3.12	\$1,703	
A01SS	02	Long. & Trans. Cracking	Medium	Patching - AC Deep	2,324	SqFt	\$78.00	\$181,289	\$270,331
A01SS	02	Long. & Trans. Cracking	High	Patching - AC Deep	279	SqFt	\$78.00	\$21,774	_
A01SS	02	Depression	High	Patching - AC Deep	703	SqFt	\$78.00	\$54,802	
A01SS	03	Long. & Trans. Cracking	Low	Crack Sealing - AC	1,713	Ft	\$3.12	\$5,343	_
A01SS	03	Long. & Trans. Cracking	Medium	Crack Sealing - AC	200	Ft	\$3.12	\$624	\$84,252
A01SS	03	Long. & Trans. Cracking	Medium	Patching - AC Deep	1,003	SqFt	\$78.00	\$78,285	
AHOLDSS	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	68	Ft	\$3.12	\$212	\$212
R16SS	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	110	Ft	\$3.12	\$343	\$2.097
R16SS	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	562	Ft	\$3.12	\$1,753	\$2,097
R16SS	02	Long. & Trans. Cracking	Low	Crack Sealing - AC	87	Ft	\$3.12	\$271	\$271
R16SS	03	Long. & Trans. Cracking	Low	Crack Sealing - AC	8,520	Ft	\$3.12	\$26,582	\$27.360
R16SS	03	Long. & Trans. Cracking	Medium	Crack Sealing - AC	249	Ft	\$3.12	\$778	<i>\$21,300</i>
T01SS	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	3	Ft	\$3.12	\$10	
T01SS	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	136	Ft	\$3.12	\$423	\$2,799
T01SS	01	Long. & Trans. Cracking	Medium	Patching - AC Deep	30	SqFt	\$78.00	\$2,366	
T02SS	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	138	Ft	\$3.12	\$431	
T02SS	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	69	Ft	\$3.12	\$215	\$122,387
T02SS	01	Long. & Trans. Cracking	Medium	Patching - AC Deep	1,561	SqFt	\$78.00	\$121,741	
TA1SS	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	125	Ft	\$3.12	\$390	
TA1SS	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	35	Ft	\$3.12	\$109	\$811
TA1SS	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	100	Ft	\$3.12	\$312	
TA2SS	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	15	Ft	\$3.12	\$47	\$702
TA2SS	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	210	Ft	\$3.12	\$655	\$702
TA3SS	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	74	Ft	\$3.12	\$231	¢1 11 <i>1</i>
TA3SS	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	283	Ft	\$3.12	\$883	φ1,114
TASS	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	5,285	Ft	\$3.12	\$16,488	
TASS	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	1,317	Ft	\$3.12	\$4,109	\$62,669
TASS	01	Long. & Trans. Cracking	Medium	Patching - AC Deep	539	SqFt	\$78.00	\$42,072	

Abbreviations:

Long. = Longitudinal; Trans. = Transverse; AC = Asphalt Concrete; Ft = Feet; SqFt = Square Feet



Table 4D: FIVE-YEAR GLOBAL MAINTENANCE AND REHABILITATION PLAN

Action Year	Branch ID	Section ID	Branch Use	Surface Type	Current PCI	Action	Area, square feet	Unit Cost per square foot	Total Cost
2024	T02SS	01	TAXIWAY	AC	15	Reconstruction	4,886	\$17.32	\$84,625
	A01SS	01	APRON	AC	75	Fog Seal	4,612	\$0.31	\$1,430
	AHOLDSS	01	APRON	AC	81	Fog Seal	1,409	\$0.31	\$437
	R16SS	01	RUNWAY	AC	71	Slurry Seal	8,000	\$0.52	\$4,160
2025	R16SS	02	RUNWAY	AC	89	Slurry Seal	6,000	\$0.52	\$3,120
2025	R16SS	03	RUNWAY	AC	74	Slurry Seal	103,850	\$0.52	\$54,002
	TA1SS	01	TAXIWAY	AC	71	Slurry Seal	5,952	\$0.52	\$3,095
	TA2SS	01	TAXIWAY	AC	70	Slurry Seal	4,030	\$0.52	\$2,096
	TA3SS	01	TAXIWAY	AC	76	Slurry Seal	5,952	\$0.52	\$3,095
	A01SS	02	APRON	AC	48	Overlay	78,769	\$7.64	\$601,795
2026	A01SS	03	APRON	AC	53	Overlay	22,406	\$7.64	\$171,190
	T01SS	01	TAXIWAY	AC	53	Overlay	997	\$7.64	\$7,617
2028	TASS	01	TAXIWAY	AC	62	Overlay	58,925	\$7.64	\$450,207

Abbreviations:

PCI = Pavement Condition Index, AC = Asphalt Concrete

Cost Summary	
2024 Total Project Cost	\$84,625
2025 Total Project Cost	\$71,434
2026 Total Project Cost	\$780,602
2027 Total Project Cost	\$0
2028 Total Project Cost	\$450,207
Total 5-Year Project Cost	\$1,386,868





APPENDIX E

Reinspection Report

Re-Inspection Report

ODA_2	23Survey_11-	21-23											
Generat	ed Date		12/5/2023										Page 1 of 15
Network	: Seaside				Name:	Seas	ide Municipa	al					
Branch:	A01SS		Name:	Apron	01 Seaside		Use:	APRON	[Area:	105,78	87 SqFt	
Section:	01	of	3	From:	Section 02			To:	Fence		La	st Const.:	1/1/1965
Surface	AC	Family:	2023_Region_AC	n1_Cat4_Apro	Zone:	56S		Cate	gory: A		Ra	unk: P	
Area:		4,612 SqFt	Lengt	h:	215 Ft		Width:		25 Ft				
Slabs:		Slab Len	gth:	Ft	Sla	ab Width:		Ft		Joint Ler	ngth:	I	Ft
Shoulde	r:	Street Ty	pe:		Gr	ade: 0				Lanes:	0		
Section	Comments:												
Work D	ate: 1/1/1965	We	ork Type: N	ew Constructio	on - AC		С	ode: NC-	-AC	Is Ma	ajor M&R	t: True	
Last Ins	p. Date: 7/1/2	2023	Tota	alSamples:	1		Surveye	d: 1					
Conditio Inspection	ons: PCI: on Comments:	75											
Sample	Number: 01	Тур	e: R	А	rea:	4612	.00 SqFt		PCI: 75	5			
Sample	Comments:												
48 L	& T CR		L	113.00	Ft								
57 V	VEATHERING	Ĵ	L	2306.00	SqFt								
57 V	VEATHERING	Ì	М	2306.00	SqFt								

Netwo	ork: Seaside				Name:	Sea	side Munici	pal					
Bran	ch: A01SS		Name:	Apron	01 Seaside	e	Use:	AP	PRON	Are	a: 10	5,787 SqFt	
Sectio	on: 03	of 3	3	From:	Faxiway 0	3			To: Taxi	way 04		Last Const.	8/3/1961
Surfa	ce: AC	Family: 20	023_Regior _AC	n1_Cat4_Apro	Zone:	568			Category:	A		Rank: P	
Area:	: 22,4	406 SqFt	Length	:	80 Ft		Width:		280 F	ţ			
Slabs	:	Slab Length	1:	Ft	SI	ab Width:			Ft		Joint Length:]	Ft
Shoul	lder:	Street Type	:		G	rade: 0					Lanes: 0		
Sectio	on Comments:												
Work	A Date: 8/1/1961	Work	Type: Sul	obase - Aggreg	gate			Code:	SB-AG		Is Major M	&R: False	
Work	A Date: 8/2/1961	Work	Type: Bas	se Course - Ag	ggregate			Code:	BA-AG		Is Major M	&R: False	
Work	A Date: 8/3/1961	Work	Type: Ne	w Constructio	n - AC			Code:	NC-AC		Is Major M	&R: True	
Work	A Date: 8/1/1996	Work	Type: Cra	ack Sealing - A	AC		(Code:	CS-AC		Is Major M	&R: False	
Work	A Date: 9/1/2009	Work	Type: Cra	ack Sealing - A	AC		(Code:	CS-AC		Is Major M	&R: False	
Work	Date: 9/1/2016	Work	Type: Cra	ack Sealing - A	AC		(Code:	CS-AC		Is Major M	&R: False	
Last 1	Insp. Date: 7/1/202	3	Tota	Samples: (5		Survey	yed: 3	3				
Cond	itions: PCI: 53												
Inspe	ction Comments:												
Samp	ole Number: 02	Туре:	R	А	rea:	400	0.00 SqFt		PCI:	65			
Samp	le Comments:												
48	L & T CR		L	310.00	Ft								
48	L & T CR		М	100.00	Ft								
50	PATCHING		L	270.00	SqFt								
57	WEATHERING		L	4000.00	SqFt								
Samp	le Number: 05	Туре:	R	A	rea:	400	0.00 SqFt		PCI:	28			
Samp	le Comments:												
41	ALLIGATOR CP		м	440.00	SaFt								
48	L&TCP		I.	190.00	Ft								
50	PATCHING		L	180.00	SaFt								
57	WEATHERING		L L	4000.00	SaFt								
Samn	le Number: 06	Type:	R	A	rea:	320).00 SaFt		PCI:	70			
Samp	ole Comments:	- J F • •				230							
18			T	200.00	Ft								
+0 19			L	200.00	1'l E+								
40 57	WEATHEDING		L	3200.00	ri SaFt								
51	WEATHERING		L	5200.00	Sqrt								

Netw	ork: Seaside			Name:	Seaside Municip	bal		
Bran	ch: A01SS		Name:	Apron 01 Seaside	Use:	APRON	Area: 10	5,787 SqFt
Sectio	on: 02	of 3		From: Section 03		To: Fence		Last Const.: 8/2/1964
Surfa	ce: AC	Family: 202	23_Region AC	n1_Cat4_Apro Zone:	568	Category: A		Rank: P
Area:	78,76	9 SqFt	Length	1: 347 Ft	Width:	297 Ft		
Slabs	:	Slab Length:		Ft Slat	o Width:	Ft	Joint Length:	Ft
Shoul	der:	Street Type:		Gra	de: 0		Lanes: 0	
Sectio	on Comments:							
Work	Date: 8/1/1964	Work '	Гуре: Ва	se Course - Aggregate	(Code: BA-AG	Is Major M	&R: False
Work	Date: 8/2/1964	Work '	Type: Ne	ew Construction - AC	(Code: NC-AC	Is Major M	&R: True
Work	Date: 8/1/1996	Work '	Type: Cr	ack Sealing - AC	(Code: CS-AC	Is Major M	&R: False
Work	Date: 9/1/2009	Work '	Type: Cr	ack Sealing - AC	(Code: CS-AC	Is Major M	&R: False
Work	Date: 9/1/2016	Work '	Type: Cr	ack Sealing - AC	(Code: CS-AC	Is Major M	&R: False
Last 1	nsp. Date: 7/1/2023		Tota	lSamples: 16	Survey	ed: 6		
Cond	itions: PCI: 48							
Inspe	ction Comments:							
Samp	le Number: 05	Type:	R	Area:	5600.00 SqFt	PCI: 42	2	
Samp	le Comments:							
41	ALLIGATOR CR		М	80.00 SqFt				
45	DEPRESSION		М	120.00 SqFt				
45	DEPRESSION		М	90.00 SqFt				
48	L & T CR		L	227.00 Ft				
48	L & T CR		M	80.00 Ft				
50 57	PATCHING		M	10.00 SqFt 5600.00 SqFt				
Some	le Number: 07	Type	D	5000.00 Sqrt	5000 00 SaEt	DCI. 24	1	
Samp	le Comments:	i ype.	К	Alea.	5000.00 SqFt	I CI. 24	t	
Sump								
41	ALLIGATOR CR		M	432.00 SqFt				
48			L	230.00 Ft				
40 50	PATCHING		IVI I	512.00 SaFt				
53	RUTTING		L	20.00 SqFt				
57	WEATHERING		L	5000.00 SqFt				
Samp	le Number: 08	Туре:	А	Area:	5600.00 SqFt	PCI: 11	1	
Samp	le Comments:				-			
41	ALLIGATOR CR		М	400.00 SqFt				
41	ALLIGATOR CR		H	216.00 SqFt				
43	L & T CP		н т	000.00 SqFt				
48	L&TCR		M	49.00 Ft				
48	L&TCR		M	50.00 Ft				
50	PATCHING		М	24.00 SqFt				
57	WEATHERING		L	5600.00 SqFt				
Samp	le Number: 10	Type:	R	Area:	5600.00 SqFt	PCI: 54	4	
Samp	le Comments:							
41	ALLIGATOR CR		М	70.00 SqFt				
48	L & T CR		L	80.00 Ft				
48	L & T CR		L	210.00 Ft				
48	L & T CR		L	65.00 Ft				
50	PATCHING		L	43.00 SqFt				
50 50	PATCHING		L M	50.00 SqFt				
50 57	WEATHERING		L	5600.00 SqFt				

Samp	le Number: 12	Type: R	Area:	5000.00 SqFt	PCI: 53	
Samp	le Comments:					
41	ALLIGATOR CR	М	39.00 SqFt			
45	DEPRESSION	L	42.00 SqFt			
48	L & T CR	L	48.00 Ft			
48	L & T CR	L	140.00 Ft			
50	PATCHING	L	50.00 SqFt			
50	PATCHING	L	350.00 SqFt			
57	WEATHERING	L	5000.00 SqFt			
Samp	le Number: 14	Type: R	Area:	5000.00 SqFt	PCI: 80	
Samp	le Comments:					
48	L & T CR	L	155.00 Ft			
50	PATCHING	L	150.00 SqFt			
57	WEATHERING	L	5000.00 SqFt			

Network	: Seaside				Name:	Seas	ide Municip	al				
Branch:	AHOLDSS		Name:	Hold Ap	ron Seaside		Use:	APRO	N	Area:	1,409 SqFt	
Section:	01	of	1 F	From: T()1			To:	West Edg	e	Last Const.:	8/29/2016
Surface:	AC	Family:	2023_Region1_ n_AC	_Cat4_Apro	Zone:	56S		Cat	egory: A		Rank: P	
Area:	1,40	9 SqFt	Length:		22 Ft		Width:		142 Ft			
Slabs:		Slab Leng	gth:	Ft	Slab V	Width:		Ft		Joint Len	gth: F	t
Shoulder	:	Street Ty	pe:		Grad	e: 0				Lanes:	0	
Section (Comments:											
Work Da	nte: 8/28/2016	Wo	rk Type: Base	Course - Agg	gregate		С	ode: BA	A-AG	Is Ma	jor M&R: False	
Work Da	nte: 8/29/2016	Wo	rk Type: New	Construction	- AC		C	ode: NC	C-AC	Is Ma	ijor M&R: True	
Last Insp	D. Date: 7/1/2023		TotalSa	amples: 1			Surveye	ed: 1				
Conditio	ns: PCI: 81											
Inspectio	on Comments:											
Sample N	Number: 01	Туре	e: R	Are	ea:	1409	.00 SqFt		PCI: 81			
Sample (Comments:											
48 L	& T CR		L	68.00 F	't							
57 W	/EATHERING		L	1409.00 S	qFt							

Netwo	·k:	Seaside				Name	: Sea	side Munic	ipal				
Branch	ı:	R16SS		Nam	e: Runw	ay 16/34 S	Seaside	Use	: RL	JNWAY	Area:	117,850) SqFt
Section	: 03	;	of 3	3	From:	Section 02	2			To: Runv	vay 16 End	Las	t Const.: 8/3/1961
Surfac	e: A	С	Family: 20 w	023_Reg ay_AC	gion1_Cat4_Ru	n Zone:	568			Category:	А	Ran	ık: P
Area:		103,8	50 SqFt	Len	gth:	2,077 Ft		Width:		50 Ft			
Slabs:			Slab Length	:	Ft	S	Slab Width:			Ft	J	loint Length:	Ft
Should	er:		Street Type	:		(Grade: 0				I	Lanes: 0	
Section	Comr	ments:											
Work	Date:	8/1/1961	Work	Туре:	Subbase - Aggi	egate			Code:	SB-AG		Is Major M&R:	False
Work 1	Date:	8/2/1961	Work	Туре:	Base Course - A	Aggregate			Code:	BA-AG		Is Major M&R:	False
Work	Date:	8/3/1961	Work	Туре:	New Construct	ion - AC			Code:	NC-AC		Is Major M&R:	True
Work 1	Date:	8/1/1996	Work	Туре:	Crack Sealing -	• AC			Code:	CS-AC		Is Major M&R:	False
Work	Date:	5/2/2005	Work	Туре:	Patching - AC	Shallow			Code:	PA-AS		Is Major M&R:	False
Work	Date:	5/3/2005	Work	Туре:	Crack Sealing -	AC			Code:	CS-AC		Is Major M&R:	False
Work	Date:	5/4/2005	Work	Туре:	Surface Treatm	ent - Slurry	y Seal		Code:	ST-SS		Is Major M&R:	False
Work	Date:	9/1/2009	Work	Туре:	Crack Sealing -	AC			Code:	CS-AC		Is Major M&R:	False
Work	Date:	9/1/2016	Work	Туре:	Crack Sealing -	AC			Code:	CS-AC		Is Major M&R:	False
Work	Date:	9/2/2016	Work	Туре:	Oregon Slurry	Seal			Code:	OR-SS		Is Major M&R:	False
Last In	sp. Da	te: 7/1/2023		Т	otalSamples:	20		Surve	yed: 5	5			
Condit	ions:	PCI: 74											
Inspec	tion Co	omments:											
Sample	e Numl	ber: 01	Туре:	R		Area:	500	0.00 SqFt		PCI:	78		
Sample	e Comi	ments:						-					
18	I & T	CP		т	122.00	Et.							
48	L&T	CR		L	60.00	Ft Ft							
48	L & T	CR		М	60.00	Ft							
57	WEAT	THERING		L	5000.00	SqFt							
Sample	e Numl	ber: 07	Type:	R		Area:	500	0.00 SqFt		PCI:	75		
Sample	e Com	ments:											
48	L & T	CR		L	205.00	Ft							
48	L & T	CR		L	181.00	Ft							
57	WEAT	THERING		L	5000.00	SqFt							
Sample Sample	e Numl e Comi	ber: 12 ments:	Туре:	R		Area:	500	0.00 SqFt		PCI:	75		
48	L&Т	CR		L	151.00) Ft							
48	L&T	CR		L	227.00	Ft							
57	WEAT	THERING		L	5000.00	SqFt							
Sample	e Numl	ber: 17	Туре:	R		Area:	500	0.00 SqFt		PCI:	71		
Sample	e Comi	ments:											
48	L & T	CR		L	303.00	Ft							
48 57	L & T	CR		L I	240.00	Ft ScFt							
Samul	Num	her 20	Tune	D D	5000.00	Area	500	0.00 SaFt		рсь	70		
Sample	e Com	ments:	туре.	ĸ		1 11 UA .	500	oloo bqrt		101.	70		
10	T 0₋ T	CD		т	245.00	E4							
48 48	∟&Т [&т	CR CR		L I	345.00 206.00	Ft Ft							
57	WEAT	THERING		L	5000.00	SqFt							

Network	: Seaside				Nam	e:	Seasid	le Munic	ipal						
Branch:	R16SS		Name:	Runwa	y 16/34	Seaside		Use	: RI	UNWA	AΥ	Area	1: 1	17,850 SqFt	
Section:	01	of	3	From: I	Runway	34 End (South)			To:	Section	n 02		Last Const.:	1/3/1961
Surface:	AC	Family: 2	2023_Region vay_AC	1_Cat4_Run	Zone	e: 56	S			Cate	gory: A	A Contraction of the second se		Rank: P	
Area:		8,000 SqFt	Length	:	160 Ft	t	V	Width:			50 Ft				
Slabs:		Slab Lengt	h:	Ft		Slab Wie	dth:			Ft			Joint Length:	Ft	
Shoulder	:	Street Type	e:			Grade:	0						Lanes: 0		
Section (Comments:	Displaced Thresho	old												
Work Da	ate: 1/1/1961	Wor	k Type: Sub	base - Aggreg	gate				Code:	SB-	AG		Is Major I	M&R: False	
Work Da	ate: 1/2/1961	Wor	k Type: Bas	se Course - Ag	ggregate	;			Code:	BA-	AG		Is Major I	M&R: False	
Work Da	ate: 1/3/1961	Wor	k Type: Nev	w Constructio	n - AC				Code:	NC-	AC		Is Major I	M&R: True	
Work Da	ate: 8/1/1996	Wor	k Type: Cra	ck Sealing - A	мС				Code:	CS-	AC		Is Major I	M&R: False	
Work Da	nte: 5/2/2005	Wor	k Type: Cra	ck Sealing - A	мС				Code:	CS-	AC		Is Major I	M&R: False	
Work Da	ate: 5/3/2005	Wor	k Type: Sur	face Treatmer	nt - Slur	ry Seal			Code:	ST-	SS		Is Major I	M&R: False	
Work Da	ate: 9/1/2009	Wor	k Type: Cra	ck Sealing - A	AC				Code:	CS-	AC		Is Major I	M&R: False	
Work Da	nte: 9/1/2016	Wor	k Type: Cra	ck Sealing - A	AC				Code:	CS-	AC		Is Major I	M&R: False	
Work Da	ate: 9/2/2016	Wor	k Type: Ore	egon Slurry Se	al				Code:	OR-	SS		Is Major I	M&R: False	
Last Insp	. Date: 7/1/	2023	Total	Samples: 2	2			Surve	yed:	2					
Conditio	ns: PCI:	71													
Inspectio	on Comments	:													
Sample I	Number: 01	Туре:	R	Α	rea:		5000.0	0 SqFt			PCI:	74			
Sample (Comments:														
48 L	& T CR		L	135.00	Ft										
48 L	& T CR		L	35.00	Ft										
48 L	& T CR		L	42.00	Ft										
48 L	& T CR		М	50.00	Ft										
48 L	& T CR		М	50.00	Ft										
57 W	/EATHERING	í	L	5000.00	SqFt										
Sample N	Number: 02	Туре:	R	А	rea:		3000.0	00 SqFt			PCI:	65			
Sample (Comments:														
48 L	& T CR		L	350.00	Ft										
48 L	& T CR		M	10.00	Ft										
57 W	/EATHERING	Ĵ	L	3000.00	SqFt										

Network	Seaside				Name:	Seaside Muni	cipal			
Duanah	DIGS		Nome	D	16/24 Spac: 1-	Jusice Infully	Pm		A H 004	117 850 SaEt
Branch:	K1055		Name:	Kunway	10/34 Seaside	US	e: RU	JINWAY	Area:	117,830 SqFt
Section:	02	0	f 3	From: Se	ection 01			To: Section (03	Last Const.: 1/1/2003
Surface:	AC	Family:	2023_Region way_AC	1_Cat4_Run	Zone: 5	56S		Category: A		Rank: P
Area:		6,000 SqFt	Length:		120 Ft	Width:		50 Ft		
Slabs:		Slab Len	igth:	Ft	Slab W	idth:		Ft	Joint Lei	ngth: Ft
Shoulder:		Street Ty	ype:		Grade:	. 0			Lanes:	0
Section Co	mments:									
Work Date	e: 1/1/1961	W	ork Type: Sub	base - Aggrega	ate		Code:	SB-AG	Is M	ajor M&R: False
Work Date	e: 1/2/1961	W	ork Type: Bas	e Course - Agg	gregate		Code:	BA-AG	Is M	ajor M&R: False
Work Date	e: 1/1/2003	W	ork Type: Ove	rlay - AC Thir	1		Code:	OL-AT	Is M	ajor M&R: True
Work Date	e: 5/2/2005	W	ork Type: Sur	face Treatment	t - Slurry Seal		Code:	ST-SS	Is M	ajor M&R: False
Work Date	e: 9/1/2009	W	ork Type: Cra	ck Sealing - A	С		Code:	CS-AC	Is M	ajor M&R: False
Work Date	e: 9/1/2016	W	ork Type: Cra	ck Sealing - A	С		Code:	CS-AC	Is M	ajor M&R: False
Work Date	e: 9/2/2016	W	ork Type: Ore	gon Slurry Sea	ıl		Code:	OR-SS	Is M	ajor M&R: False
Last Insp.	Date: 7/1/2	2023	Total	Samples: 1		Surv	eyed:	1		
Conditions	s: PCI:	89								
Inspection	Comments:									
Sample Nu	mber: 01	Туг	e: R	Ar	ea:	6000.00 SqFt		PCI: 89		
Sample Co	omments:									
48 L&	T CR		L	87.00 H	- Ft					
57 WE	ATHERING		L	6000.00 S	SqFt					

Networ	k: Seaside				Name:	Sea	side Munio	cipal						
Branch	: T01SS		Nam	e: Taxiw	ay 01 Seasi	de	Use	e: TA	AXIWAY	7	Area:	3	3,954 SqFt	
Section	: 01	0	f 2	From:	Taxiway 01	l			To: A	pron 01			Last Const.:	8/3/1961
Surface	e: AC	Family:	2023_Reg way_AC	gion1_Cat4_Tax	Zone:	568			Catego	y: A			Rank: P	
Area:		997 SqFt	Len	gth:	18 Ft		Width:		3	5 Ft				
Slabs:		Slab Ler	igth:	Ft	Sla	ab Width:			Ft		Joint I	ength:	F	ft
Should	er:	Street T	ype:		Gi	rade: 0					Lanes:	0		
Section	Comments:													
Work I	Date: 8/1/1961	W	ork Type:	Subbase - Aggre	egate			Code:	SB-AC	ŕ	Is	Major Ma	&R: False	
Work I	Date: 8/2/1961	W	ork Type:	Base Course - A	ggregate			Code:	BA-AG	ĩ	Is	Major Ma	&R: False	
Work I	Date: 8/3/1961	W	ork Type:	New Construction	on - AC			Code:	NC-AC	2	Is	Major Ma	&R: True	
Work I	Date: 8/1/1996	W	ork Type:	Crack Sealing -	AC			Code:	CS-AC	2	Is	Major Ma	&R: False	
Work I	Date: 5/2/2005	W	ork Type:	Patching - AC S	hallow			Code:	PA-AS		Is	Major Ma	&R: False	
Work I	Date: 5/3/2005	W	ork Type:	Crack Sealing -	AC			Code:	CS-AC	1	Is	Major Ma	&R: False	
Last In	sp. Date: 7/1/20	023	T	otalSamples:	1		Surv	eyed:	1					
Conditi	ons: PCI: 5	53												
Inspect	ion Comments:													
Sample	Number: 01	Tyj	pe: R	A	rea:	97	7.00 SqFt		PC	CI: 53				
Sample	Comments:													
41	ALLIGATOR CR		М	12.00	SqFt									
48	L&TCR		L	106.00	Ft Et									
48 48	L & T CR		L M	27.00	гı Ft									
57	WEATHERING		L	977.00	SqFt									

Network:	Seaside				Name:	Seas	ide Municij	pal					
Branch:	T01SS		Name:	Taxiway	01 Seaside		Use:	TAXI	WAY	Area:		3,954 SqFt	
Section:	02	of	2 Fi	rom: T	03-01			To	: T01			Last Const.: 8/29/20	16
Surface:	AC	Family:	2023_Region1_ way_AC	Cat4_Taxi	Zone:	56S		Ca	tegory: A	۱.		Rank: P	
Area:		2,957 SqFt	Length:		72 Ft		Width:		30 Ft				
Slabs:		Slab Len	gth:	Ft	Slab	Width:		Ft		J	loint Length:	Ft	
Shoulder:		Street Ty	pe:		Grad	le: 0				1	Lanes: 0		
Section Co	omments:												
Work Date	e: 8/28/2016	We	ork Type: Base (Course - Agg	gregate			Code: B	A-AG		Is Major I	M&R: False	
Work Date	e: 8/29/2016	We	ork Type: New C	Construction	- AC			Code: N	C-AC		Is Major I	M&R: True	
Last Insp.	Date: 7/1/20)23	TotalSa	mples: 1			Survey	ved: 1					
Conditions Inspection	s: PCI: Comments:	94											
Sample Nu	imber: 01	Тур	e: R	Ar	ea:	2957	7.00 SqFt		PCI:	94			
Sample Co	omments:												
57 WE	EATHERING		L	2957.00 \$	SqFt								

Network:	Seaside				Name:	Seas	side Munici _l	pal					
Branch:	T02SS		Nai	me: Taxi	iway 02 Seasio	le	Use:	TA	XIWAY	Area:	4	4,886 SqFt	
Section:	01	(of 1	From:	Taxiway 01				To: Apron 0)1		Last Const.:	8/3/1961
Surface:	AC	Family:	2023_R way_AC	egion1_Cat4_Ta C	axi Zone:	56S			Category: A			Rank: P	
Area:		4,886 SqFt	Le	ength:	121 Ft		Width:		30 Ft				
Slabs:		Slab Le	ngth:	F	't Sla	b Width:			Ft	Joint L	ength:	F	t
Shoulder:		Street T	ype:		Gr	ade: 0				Lanes:	0		
Section Co	omments:												
Work Dat	e: 8/1/1961	W	ork Type	: Subbase - Agg	gregate		(Code:	SB-AG	Is I	Major Ma	&R: False	
Work Dat	e: 8/2/1961	W	Vork Type	: Base Course -	Aggregate		(Code:	BA-AG	Is I	Major Ma	&R: False	
Work Dat	e: 8/3/1961	W	Vork Type	: New Construc	tion - AC		(Code:	NC-AC	Is I	Major Ma	&R: True	
Work Dat	e: 8/1/1996	W	ork Type	: Crack Sealing	- AC		(Code:	CS-AC	Is I	Major Ma	&R: False	
Work Dat	e: 5/1/2005	W	Vork Type	: Crack Sealing	- AC		(Code:	CS-AC	Is I	Major Ma	&R: False	
Work Dat	e: 5/2/2005	W	Vork Type	: Patching - AC	Shallow		(Code:	PA-AS	Is I	Major Ma	&R: False	
Last Insp.	Date: 7/1	/2023	,	TotalSamples:	1		Survey	ed: 1					
Condition	s: PCI:	15											
Inspection	Comments	:											
Sample Nu	umber: 01	Ту	pe: 1	R	Area:	3538	3.00 SqFt		PCI: 1	5			
Sample Co	omments:												
41 AL	LIGATOR	CR	М	848.0	0 SqFt								
41 AL	LIGATOR	CR	М	28.0	0 SqFt								
41 AL	LIGATOR	CR	М	142.0	0 SqFt								
48 L &	& T CR		L	50.0	0 Ft								
48 L &	& T CR		М	100.0	0 Ft								
50 PA	TCHING		L	480.0	0 SqFt								
57 WE	EATHERIN	G	L	3538.0	0 SqFt								

Network: Seaside		Name:	Seaside Municipal		
Branch: TA1SS	Name:	Taxiway A1 Seaside	Use: TA	XIWAY Ar	ea: 5,952 SqFt
Section: 01	of 1 F	rom: Runway 16 End		To: Taxiway A	Last Const.: 8/3/1961
Surface: AC	Family: 2023_Region1_ way_AC	Cat4_Taxi Zone: 3	58	Category: A	Rank: P
Area:	5,952 SqFt Length:	112 Ft	Width:	50 Ft	
Slabs:	Slab Length:	Ft Slab W	idth:	Ft	Joint Length: Ft
Shoulder:	Street Type:	Grade:	0		Lanes: 0
Section Comments:					
Work Date: 8/1/1961	Work Type: Subba	se - Aggregate	Code:	SB-AG	Is Major M&R: False
Work Date: 8/2/1961	Work Type: Base	Course - Aggregate	Code:	BA-AG	Is Major M&R: False
Work Date: 8/3/1961	Work Type: New	Construction - AC	Code:	NC-AC	Is Major M&R: True
Work Date: 8/1/1996	Work Type: Crack	Sealing - AC	Code:	CS-AC	Is Major M&R: False
Work Date: 9/1/2009	Work Type: Crack	Sealing - AC	Code:	CS-AC	Is Major M&R: False
Work Date: 9/1/2016	Work Type: Crack	Sealing - AC	Code:	CS-AC	Is Major M&R: False
Last Insp. Date: 7/1/2	023 TotalSa	mples: 1	Surveyed: 1	1	
Conditions: PCI:	71				
Inspection Comments:					
Sample Number: 01	Type: R	Area:	5952.00 SqFt	PCI: 71	
Sample Comments:					
 47 JT REF. CR 48 L & T CR 48 L & T CR 50 PATCHING 57 WEATWENDIG 	L L M L	100.00 Ft 125.00 Ft 35.00 Ft 110.00 SqFt			
JI WEATHERING	L	5752.00 SYFL			

Network:	Seaside				Name: Se	aside Municip	al			
Branch:	TA2SS		Name:	Taxiway	A2 Seaside	Use:	TA	XIWAY	Area:	4,030 SqFt
Section:	01	of	` 1	From: Ru	inway 16/34		,	To: Taxiway	01	Last Const.: 8/3/1961
Surface:	AC	Family:	2023_Regio way_AC	n1_Cat4_Taxi	Zone: 56S			Category: A		Rank: P
Area:		4,030 SqFt	Lengtl	ı:	113 Ft	Width:		30 Ft		
Slabs:		Slab Len	gth:	Ft	Slab Width	:]	Ft	Joint Length:	Ft
Shoulder:		Street Ty	pe:		Grade:	0			Lanes: 0	
Section Co	omments:									
Work Dat	e: 8/1/1961	Wo	ork Type: Su	bbase - Aggrega	ite	C	Code:	SB-AG	Is Major I	M&R: False
Work Dat	e: 8/2/1961	Wo	ork Type: Ba	se Course - Agg	regate	C	Code:	BA-AG	Is Major I	M&R: False
Work Dat	e: 8/3/1961	Wo	ork Type: Ne	w Construction	- AC	C	Code:	NC-AC	Is Major I	M&R: True
Work Dat	e: 8/1/1996	Wo	ork Type: Cr	ack Sealing - A	C	C	Code:	CS-AC	Is Major I	M&R: False
Work Dat	e: 9/1/2009	Wo	ork Type: Cr	ack Sealing - A	c	C	Code:	CS-AC	Is Major I	M&R: False
Work Dat	e: 9/1/2016	Wo	ork Type: Cr	ack Sealing - A	C	C	Code:	CS-AC	Is Major I	M&R: False
Last Insp.	Date: 7/1/2	2023	Tota	ISamples: 1		Survey	ed: 1			
Condition	s: PCI:	70								
Inspection	Comments:									
Sample N	umber: 01	Тур	e: R	Ar	ea: 403	30.00 SqFt		PCI: 70		
Sample Co	omments:									
48 L&	Ł T CR		L	210.00 F	't					
48 L &	k T CR		М	15.00 F	ťt					
50 PA	TCHING		L	200.00 S	qFt					
57 WI	EATHERING	i	L	4030.00 S	qFt					

Network: Seaside		Name:	Seaside Municipal		
Branch: TA3SS	Name:	Taxiway A3 Seaside	use:	TAXIWAY A	rea: 5,952 SqFt
Section: 01	of 1	From: Runway 34 E	nd	To: Taxiway A	Last Const.: 8/3/1961
Surface: AC	Family: 2023_Region1 way_AC	_Cat4_Taxi Zone:	56S	Category: A	Rank: P
Area:	5,952 SqFt Length:	112 Ft	Width:	50 Ft	
Slabs:	Slab Length:	Ft Slab	Width:	Ft	Joint Length: Ft
Shoulder:	Street Type:	Grad	le: 0		Lanes: 0
Section Comments:					
Work Date: 8/1/1961	Work Type: Subb	ase - Aggregate	Code	e: SB-AG	Is Major M&R: False
Work Date: 8/2/1961	Work Type: Base	Course - Aggregate	Code	e: BA-AG	Is Major M&R: False
Work Date: 8/3/1961	Work Type: New	Construction - AC	Code	e: NC-AC	Is Major M&R: True
Work Date: 8/1/1996	Work Type: Crack	Sealing - AC	Code	e: CS-AC	Is Major M&R: False
Work Date: 9/1/2009	Work Type: Crack	s Sealing - AC	Code	e: CS-AC	Is Major M&R: False
Work Date: 9/1/2016	Work Type: Crack	Sealing - AC	Code	e: CS-AC	Is Major M&R: False
Last Insp. Date: 7/1/2	023 TotalS	amples: 1	Surveyed:	1	
Conditions: PCI:	76				
Inspection Comments:					
Sample Number: 01	Type: R	Area:	5952.00 SqFt	PCI: 76	
Sample Comments:					
48 L & T CR	L	78.00 Ft			
48 L & T CR	L	205.00 Ft			
48 L & T CR	Μ	24.00 Ft			
48 L & T CR	Μ	50.00 Ft			
57 WEATHERING	L	5952.00 SqFt			

Netwo	ork:	Seaside					Nan	ne: S	easide Munic	cipal							
Bran	:h:	TASS		Na	ame:	Taxiw	ay A Se	aside	Use	e: TA	AXIWAY	1	Area:		58,925	SqFt	
Sectio	n: 01		of	1	Fr	om:	Runway	y 34 End (Sc	outh)		To: Run	way 16	End (Nort	h)	Last	Const.:	8/3/1961
Surfa	ce: AC	C	Family: 2	2023_H way_A	Region1_0 .C	Cat4_Tax	i Zon	e: 56S			Category:	: A	×		Ran	k: P	
Area:		58,9	25 SqFt	L	ength:		2,357 F	ft	Width:		25 1	Ft					
Slabs	:		Slab Lengt	h:		Ft		Slab Widt	h:		Ft		Joint	Length:		F	t
Shoul	der:		Street Type	e:				Grade:	0				Lanes	s: 0			
Sectio	n Comn	nents:															
Work	Date:	8/1/1961	Wor	k Typ	e: Subbas	se - Aggr	egate			Code:	SB-AG		Is	Major N	M&R:	False	
Work	Date:	8/2/1961	Wor	k Typ	e: Base C	Course - A	Aggregat	e		Code:	BA-AG		Is	Major N	M&R:	False	
Work	Date:	8/3/1961	Wor	k Typ	e: New C	constructi	on - AC			Code:	NC-AC		Is	Major N	∕I&R:	True	
Work	Date: :	5/2/2005	Wor	k Typ	e: Patchir	ng - AC S	Shallow			Code:	PA-AS		Is	Major N	∕I&R:	False	
Work	Date:	5/3/2005	Wor	k Typ	e: Crack	Sealing -	AC			Code:	CS-AC		Is	Major N	M&R:	False	
Work	Date:	9/1/2009	Wor	k Typ	e: Crack	Sealing -	AC			Code:	CS-AC		Is	Major N	∕I&R:	False	
Last	nsp. Da	te: 7/1/2023	5		TotalSar	nples:	12		Surv	eyed:	5						
Cond	itions:	PCI: 62															
Inspe	ction Co	omments:															
Samp	le Numb	ber: 04	Туре:		R	1	Area:	5	000.00 SqFt		PCI:	68					
Samp	le Comr	nents:															
48	L & T	CR		L		328.00	Ft										
48	L & T	CR		L		121.00	Ft										
48	L & T	CR		Μ		40.00	Ft										
57	WEAT	HERING		L		5000.00	SqFt										
Samp	le Numb le Comr	ber: 08	Туре:		R	L	Area:	5	000.00 SqFt		PCI:	65					
Samp	le Comr	nents:															
48	L & T	CR		L		339.00	Ft										
48	L&T	CR		L		148.00	Ft										
48 50		UNG		M		50.00	Ft SaEt										
50 57	WEAT	THERING		L		5000.00	SqFt										
Samn	le Numł	her: 10	Type:		A	2000100	Area:	5	000.00 SaFt		PCI	2.5					
Samp	le Comr	nents:	- 5 P - 1														
41	ALLIC	GATOR CR		м		450.00	SaFt										
48	L&T	CR		L		127.00	Ft										
48	L & T	CR		L		100.00	Ft										
48	L & T	CR		М		52.00	Ft										
50	PATC	HING		L		228.00	SqFt										
57	WEAT	HERING		L	D	5000.00	SqFt				DCI	(2)					
Samp	ie Numr le Comr	nents:	I ype:		ĸ	Ĺ	Area:	5	000.00 SqFt		PCI	63					
~p		CD.		Ŧ		100.05	T:										
48 48	L&I	CR CP		L		180.00	Ft Et										
48	L & Т L & Т	CR		L M		140.00	Ft										
48	L&T	CR		M		144.00	Ft										
57	WEAT	HERING		L		5000.00	SqFt										
Samp	le Numł	ber: 12	Туре:		R		Area:	3	925.00 SqFt		PCI:	64					
Samp	le Comr	nents:															
48	L&Т	CR		L		71.00	Ft										
48	L & T	CR		L		149.00	Ft										
48	L & T	CR		L		250.00	Ft										
48	L & T	CR		М		70.00	Ft										
57	WEAT	HERING		L		3925.00	SqFt										



APPENDIX F

Work History Report

Work History Report

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Network:	Seaside M	unicipal Branch: A01SS	Apron	01 Seaside	Section:	01	Surface:AC
L.C.D. 1/1/1	965 Us	se: APRON Rank: P L	ength: 215	.00 (Ft) Wid	lth: 25.0	0 (Ft) True	Area: 4612 (SqFt)
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R		Comments
1/1/1965	NC-AC	New Construction - AC	0.00	0.00		Unknown	
Network:	Seaside M	unicipal Branch: A01SS	Apron	01 Seaside	Section:	02	Surface:AC
L.C.D. 8/2/1	964 Us	se: APRON Rank: P L	ength: 347	.00 (Ft) Wid	ith: 297.0	0 (Ft) True	Area: 78769 (SqFt)
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R		Comments
9/1/2016	CS-AC	Crack Sealing - AC	0.00	0.00			
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00			
8/1/1996	CS-AC	Crack Sealing - AC	0.00	0.10		circa 1996	
8/2/1964	NC-AC	New Construction - AC	0.00	1.75			
8/1/1964	BA-AG	Base Course - Aggregate	0.00	6.00			
Network:	Seaside M	unicipal Branch: A01SS	Apron	01 Seaside	Section:	03	Surface:AC
L.C.D. 8/3/1	961 Us	se: APRON Rank: P L	ength: 80	.00 (Ft) Wid	lth: 280.0	0 (Ft) True	Area: 22406 (SqFt)
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R		Comments
9/1/2016	CS-AC	Crack Sealing - AC	0.00	0.00			
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00			
8/1/1996	CS-AC	Crack Sealing - AC	0.00	0.10		circa 1996	
8/3/1961	NC-AC	New Construction - AC	0.00	1.75			
8/2/1961	BA-AG	Base Course - Aggregate	0.00	6.00			
8/1/1961	SB-AG	Subbase - Aggregate	0.00	6.00			
Network:	Seaside M	unicipal Branch: AHOL	DSS Hold A	Apron Seasid	Section:	01	Surface:AC
L.C.D. 8/29/	2016 Us	se: APRON Rank: P L	ength: 22	.00 (Ft) Wid	ith: 142.0	0 (Ft) True	Area: 1409 (SqFt)
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R		Comments
8/29/2016	NC-AC	New Construction - AC	0.00	3.00		ODOT Mix	
8/28/2016	BA-AG	Base Course - Aggregate	0.00	6.00			
Network:	Seaside M	unicipal Branch: R16SS	Runwa	ay 16/34 Sea	Section:	01	Surface:AC
L.C.D. 1/3/1	961 Us	se: RUNWAY Rank: P L	ength: 160	.00 (Ft) Wid	ith: 50.0	0 (Ft) True	Area: 8000 (SqFt)
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R		Comments
9/2/2016	OR-SS	Oregon Slurry Seal	0.00	0.00			~
9/1/2016	CS-AC	Crack Sealing - AC	0.00	0.00			
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00			
5/3/2005	ST-SS	Surface Treatment - Slurry Seal	0.00	0.10			
5/2/2005	CS-AC	Crack Sealing - AC	0.00	0.10			
8/1/1996	CS-AC	Crack Sealing - AC	0.00	0.10		circa 1996	
1/3/1961	NC-AC	New Construction - AC	0.00	2.00			
1/2/1961	BA-AG	Base Course - Aggregate	0.00	6.00			
1/1/1961	SB-AG	Subbase - Aggregate	0.00	6.00			

Work History Report

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Network: Seaside Municipal Branch: R16S			Runwa	ny 16/34 Sea	Section:	02	Surface:AC
L.C.D. 1/1/2	003 Us	se: RUNWAY Rank: P L	ength: 120	.00 (Ft) Wi	dth: 50.0	0 (Ft) True Area:	6000 (SqFt)
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Com	ments
9/2/2016	OR-SS	Oregon Slurry Seal	0.00	0.00			
9/1/2016	CS-AC	Crack Sealing - AC	0.00	0.00			
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00			
5/2/2005	ST-SS	Surface Treatment - Slurry Seal	0.00	0.10			
1/1/2003	OL-AT	Overlay - AC Thin	0.00	2.00			
1/2/1961	BA-AG	Base Course - Aggregate	0.00	6.00			
1/1/1961	SB-AG	Subbase - Aggregate	0.00	6.00			
Network:	Seaside M	unicipal Branch: R16SS	Runwa	ny 16/34 Sea	Section:	03	Surface:AC
L.C.D. 8/3/1	961 Us	se: RUNWAY Rank: P L	ength: 2,077	.00 (Ft) Wi	dth: 50.0	0 (Ft) True Area:	103850 (SqFt)
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Com	ments
9/2/2016	OR-SS	Oregon Slurry Seal	0.00	0.00			
9/1/2016	CS-AC	Crack Sealing - AC	0.00	0.00			
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00			
5/4/2005	ST-SS	Surface Treatment - Slurry Seal	0.00	0.10			
5/3/2005	CS-AC	Crack Sealing - AC	0.00	0.10			
5/2/2005	PA-AS	Patching - AC Shallow	0.00	3.00			
8/1/1996	CS-AC	Crack Sealing - AC	0.00	0.10		circa 1996	
8/3/1961	NC-AC	New Construction - AC	0.00	2.00			
8/2/1961	BA-AG	Base Course - Aggregate	0.00	6.00			
8/1/1961	SB-AG	Subbase - Aggregate	0.00	6.00			
Network:	Seaside M	unicipal Branch: T01SS	Taxiw	ay 01 Seasid	Section:	01	Surface:AC
L.C.D. 8/3/1	961 Us	se: TAXIWAY Rank: P L	ength: 18	.00 (Ft) Wi	dth: 36.0	0 (Ft) True Area:	997 (SqFt)
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Com	ments
5/3/2005	CS-AC	Crack Sealing - AC	0.00	0.10			
5/2/2005	PA-AS	Patching - AC Shallow	0.00	3.00			
8/1/1996	CS-AC	Crack Sealing - AC	0.00	0.10		circa 1996	
8/3/1961	NC-AC	New Construction - AC	0.00	2.00			
8/2/1961	BA-AG	Base Course - Aggregate	0.00	6.00			
8/1/1961	SB-AG	Subbase - Aggregate	0.00	6.00			
Network:	Seaside M	unicipal Branch: T01SS	Taxiwa	ay 01 Seasid	Section:	02 0 (Tr) T i	Surface:AC
L.C.D. 8/29/	2016 Us	se: IAXIWAY Rank: P L	Length: 72	.00 (Ft) Wi	ath: 30.0	U(Ft) True Area:	2957 (SqFt)
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Com	ments
8/29/2016	NC-AC	New Construction - AC	0.00	3.00		ODOT Mix	
8/28/2016	BA-AG	Base Course - Aggregate	0.00	6.00			

Work History Report

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Network:	Seaside M	unicipal Branch: T02SS	Taxiw	ay 02 Seasid	Section:	01		Surface:AC
L.C.D. 8/3/1	961 Us	se: TAXIWAY Rank: P I	ength: 121	.00 (Ft) Wie	dth: 30.0	0 (Ft) Tr	ue Area:	4886 (SqFt)
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R		Comr	nents
5/2/2005	PA-AS	Patching - AC Shallow	0.00	3.00				
5/1/2005	CS-AC	Crack Sealing - AC	0.00	0.10				
8/1/1996	CS-AC	Crack Sealing - AC	0.00	0.10		circa 199	6	
8/3/1961	NC-AC	New Construction - AC	0.00	2.00				
8/2/1961	BA-AG	Base Course - Aggregate	0.00	6.00				
8/1/1961	SB-AG	Subbase - Aggregate	0.00	6.00				
Network:	Seaside M	unicipal Branch: TA1SS	5 Taxiw	ay A1 Seasid	Section:	01		Surface:AC
L.C.D. 8/3/19	961 U	se: TAXIWAY Rank: P I	ength: 112	.50 (Ft) Wie	d th: 50.0	0 (Ft) Tr	ue Area:	5952 (SaFt)
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R		Comr	nents
9/1/2016	CS-AC	Crack Sealing - AC	0.00	0.00				
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00				
8/1/1996	CS-AC	Crack Sealing - AC	0.00	0.10		circa 199	6	
8/3/1961	NC-AC	New Construction - AC	0.00	2.00				
8/2/1961	BA-AG	Base Course - Aggregate	0.00	6.00				
8/1/1961	SB-AG	Subbase - Aggregate	0.00	6.00				
Network:	Seaside M	unicipal Branch: TA289	S Taxiw	av A2 Seasid	Section:	01		Surface: AC
Network:	Seaside M 961 U	unicipal Branch: TA2SS	5 Taxiw	ay A2 Seasid	Section:	01 0 (Ft) Tr	ue Area:	Surface:AC 4030 (SaFt)
Network: L.C.D. 8/3/19 Work Date	Seaside M 961 U Work Code	unicipal Branch: TA2SS se: TAXIWAY Rank: P I Work Description	5 Taxiw Length: 113 Cost	ay A2 Seasid .00 (Ft) Wid Thickness (in)	Section: dth: 30.0 Major M&R	01 0 (Ft) Tr	rue Area: Comr	Surface:AC 4030 (SqFt) nents
Network: L.C.D. 8/3/19 Work Date 9/1/2016	Seaside M 961 U: Work Code CS-AC	unicipal Branch: TA2SS se: TAXIWAY Rank: P I Work Description Crack Sealing - AC	5 Taxiw Length: 113 Cost 0.00	ay A2 Seasid .00 (Ft) Wit Thickness (in) 0.00	Section: dth: 30.0 Major M&R	01 0 (Ft) Tr	rue Area: Comr	Surface:AC 4030 (SqFt) nents
Network: L.C.D. 8/3/19 Work Date 9/1/2016 9/1/2009	Seaside M 961 U: Work Code CS-AC CS-AC	unicipal Branch: TA2SS se: TAXIWAY Rank: P I Work Description Crack Sealing - AC Crack Sealing - AC	5 Taxiw Length: 113 Cost 0.00 0.00	ay A2 Seasid .00 (Ft) Wite Thickness (in) 0.00 0.00	Section: dth: 30.0 Major M&R	01 0 (Ft) Tr	rue Area: Comr	Surface:AC 4030 (SqFt) nents
Network: L.C.D. 8/3/19 Work Date 9/1/2016 9/1/2009 8/1/1996	Seaside M 961 U: Work Code CS-AC CS-AC CS-AC	unicipal Branch: TA2SS se: TAXIWAY Rank: P I Work Description Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC	5 Taxiw ength: 113 Cost 0.00 0.00 0.00	ay A2 Seasid .00 (Ft) Wit Thickness (in) 0.00 0.00 0.10	Section: dth: 30.0 Major M&R	01 0 (Ft) Tr circa 1990	rue Area: Comr 6	Surface:AC 4030 (SqFt) nents
Network: L.C.D. 8/3/19 Work Date 9/1/2016 9/1/2009 8/1/1996 8/3/1961	Seaside M 961 Us Work Code CS-AC CS-AC CS-AC NC-AC	unicipal Branch: TA2SS se: TAXIWAY Rank: P I Work Description Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC New Construction - AC	S Taxiw Length: 113 Cost 0.00 0.00 0.00 0.00	ay A2 Seasid .00 (Ft) Wit Thickness (in) 0.00 0.00 0.10 2.00	Section: dth: 30.0 Major M&R 	01 0 (Ft) Tr circa 1990	rue Area: Comr	Surface:AC 4030 (SqFt) nents
Network: L.C.D. 8/3/19 Work Date 9/1/2016 9/1/2009 8/1/1996 8/3/1961 8/2/1961	Seaside M 961 U: Work Code CS-AC CS-AC CS-AC CS-AC NC-AC BA-AG	unicipal Branch: TA2SS se: TAXIWAY Rank: P I Work Description Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC New Construction - AC Base Course - Aggregate	S Taxiw Length: 113 Cost 0.00 0.00 0.00 0.00 0.00 0.00	ay A2 Seasid .00 (Ft) Wit Thickness (in) 0.00 0.00 0.10 2.00 6.00	Section: dth: 30.0 Major M&R 	01 0 (Ft) Tr circa 1990	rue Area: Comr 6	Surface:AC 4030 (SqFt) nents
Network: L.C.D. 8/3/19 Work Date 9/1/2016 9/1/2009 8/1/1996 8/3/1961 8/2/1961 8/1/1961	Seaside M 961 US Work CS-AC CS-AC CS-AC CS-AC NC-AC BA-AG SB-AG	unicipal Branch: TA2SS se: TAXIWAY Rank: P I Work Description Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC New Construction - AC Base Course - Aggregate Subbase - Aggregate	S Taxiw Length: 113 Cost 0.00 0.00 0.00 0.00 0.00 0.00	ay A2 Seasid .00 (Ft) Wit Thickness (in) 0.00 0.00 0.10 2.00 6.00 6.00	Section: dth: 30.0 Major M&R □ □ □ □ □ □ □ □ □ □ □ □ □	01 0 (Ft) Tr circa 1996	rue Area: Comr 6	Surface:AC 4030 (SqFt) nents
Network: L.C.D. 8/3/19 Work Date 9/1/2016 9/1/2009 8/1/1996 8/3/1961 8/2/1961 8/1/1961	Seaside M 961 US Work Code CS-AC CS-AC CS-AC NC-AC BA-AG SB-AG	unicipal Branch: TA2SS se: TAXIWAY Rank: P I Work Description Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC New Construction - AC Base Course - Aggregate Subbase - Aggregate	S Taxiw Length: 113 Cost 0.00 0.00 0.00 0.00 0.00 0.00 0.00	ay A2 Seasid .00 (Ft) Wit Thickness (in) 0.00 0.00 0.10 2.00 6.00 6.00	Section: dth: 30.0 Major M&R	01 0 (Ft) Tr circa 1990	rue Area: Comr 6	Surface:AC 4030 (SqFt) nents
Network: L.C.D. 8/3/19 Work Date 9/1/2016 9/1/2009 8/1/1996 8/3/1961 8/2/1961 8/2/1961 8/1/1961	Seaside M 961 U: Work Code CS-AC CS-AC CS-AC NC-AC BA-AG SB-AG Seaside M	unicipal Branch: TA2SS se: TAXIWAY Rank: P I Work Description Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC New Construction - AC Base Course - Aggregate Subbase - Aggregate	S Taxiw Length: 113 Cost 0.00 0.	ay A2 Seasid .00 (Ft) Win Thickness (in) 0.00 0.00 0.10 2.00 6.00 6.00 6.00	Section: dth: 30.0 Major M&R Section:	01 0 (Ft) Tr circa 1990 01	rue Area: Comr 6	Surface:AC 4030 (SqFt) nents Surface:AC
Network: L.C.D. 8/3/19 Work Date 9/1/2016 9/1/2009 8/1/1996 8/3/1961 8/2/1961 8/2/1961 8/1/1961 Network: L.C.D. 8/3/19	Seaside M 961 U: Work Code CS-AC CS-AC CS-AC CS-AC NC-AC BA-AG SB-AG SB-AG Seaside M 961 U:	unicipal Branch: TA2SS se: TAXIWAY Rank: P I Work Description Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC New Construction - AC Base Course - Aggregate Subbase - Aggregate unicipal Branch: TA3SS se: TAXIWAY Rank: P I	Cost Cost 0.00	ay A2 Seasid .00 (Ft) Wit Thickness (in) 0.00 0.00 0.10 2.00 6.00 6.00 6.00 ay A3 Seasid .50 (Ft) Wit	Section: dth: 30.0 Major M&R □ □ □ □ □ □ □ □ □ □ □ □ □	01 0 (Ft) Tr circa 1990 01 0 (Ft) Tr	rue Area: Comr 6	Surface:AC 4030 (SqFt) nents Surface:AC 5952 (SqFt)
Network: L.C.D. 8/3/19 9/1/2016 9/1/2009 8/1/1996 8/3/1961 8/2/1961 8/1/1961 Network: L.C.D. 8/3/19 Work Date	Seaside M 961 U: Work Code CS-AC CS-AC CS-AC NC-AC BA-AG SB-AG SB-AG SB-AG SB-AG	unicipal Branch: TA2SS se: TAXIWAY Rank: P I Work Description Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC New Construction - AC Base Course - Aggregate Subbase - Aggregate unicipal Branch: TA3SS se: TAXIWAY Rank: P I Work Description	S Taxiw Length: 113 Cost 0.00 0.	ay A2 Seasid .00 (Ft) Wit Thickness (in) 0.00 0.00 0.10 2.00 6.00 6.00 ay A3 Seasid .50 (Ft) Wit Thickness (in)	Section: dth: 30.0 Major M&R □ □ □ Section: dth: 50.0 Major M&R	01 0 (Ft) Tr circa 1990 01 0 (Ft) Tr	rue Area: Comr 6 -ue Area: Comr	Surface:AC 4030 (SqFt) nents Surface:AC 5952 (SqFt) nents
Network: L.C.D. 8/3/19 9/1/2016 9/1/2009 8/1/1996 8/3/1961 8/2/1961 8/2/1961 8/1/1961 Network: L.C.D. 8/3/19 Work Date 9/1/2016	Seaside M 961 U: Code CS-AC CS-AC CS-AC NC-AC BA-AG SB-AG SB-AG SB-AG Seaside M 961 U: Work Code CS-AC	unicipal Branch: TA2SS se: TAXIWAY Rank: P I Work Description Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC New Construction - AC Base Course - Aggregate Subbase - Aggregate unicipal Branch: TA3SS se: TAXIWAY Rank: P I Work Description Crack Sealing - AC	S Taxiw Length: 113 Cost 0.00 0.	ay A2 Seasid .00 (Ft) Wit Thickness (in) 0.00 0.00 0.10 2.00 6.00 6.00 6.00 ay A3 Seasid .50 (Ft) Wit Thickness (in) 0.00	Section: dth: 30.0 Major M&R □ □ □ □ □ □ □ □ □ □ □ □ □	01 0 (Ft) Tr circa 1990 01 0 (Ft) Tr	rue Area: Comr 6 rue Area: Comr	Surface:AC 4030 (SqFt) nents Surface:AC 5952 (SqFt) nents
Network: L.C.D. 8/3/19 9/1/2016 9/1/2009 8/1/1996 8/3/1961 8/2/1961 8/1/1961 Network: L.C.D. 8/3/19 Work Date 9/1/2016 9/1/2009	Seaside M 961 U: Code CS-AC CS-AC CS-AC CS-AC BA-AG SB-AG SB-AG SB-AG SB-AG SB-AG CS-AC CS-AC CS-AC	unicipal Branch: TA2SS se: TAXIWAY Rank: P I Work Description Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC New Construction - AC Base Course - Aggregate Subbase - Aggregate unicipal Branch: TA3SS se: TAXIWAY Rank: P I Work Description Crack Sealing - AC Crack Sealing - AC	S Taxiw Length: 113 Cost 0.00 0.	ay A2 Seasid .00 (Ft) Win Thickness (in) 0.00 0.00 0.10 2.00 6.00 6.00 6.00 6.00 6.00 6.00 6.0	Section: dth: 30.0 Major M&R □ □ □ □ □ □ □ □ □ □ □ □ □	01 0 (Ft) Tr circa 1990 01 0 (Ft) Tr	rue Area: Comr 6 rue Area: Comr	Surface:AC 4030 (SqFt) nents Surface:AC 5952 (SqFt) nents
Network: L.C.D. 8/3/19 9/1/2016 9/1/2009 8/1/1996 8/3/1961 8/2/1961 8/1/1961 Network: L.C.D. 8/3/19 Work Date 9/1/2016 9/1/2009 8/1/1996	Seaside M 961 U Work Code CS-AC CS-AC CS-AC NC-AC BA-AG SB-AG Seaside M 961 U Work Code CS-AC CS-AC	unicipal Branch: TA2SS se: TAXIWAY Rank: P I Work Description Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC New Construction - AC Base Course - Aggregate Subbase - Aggregate unicipal Branch: TA3SS se: TAXIWAY Rank: P I Work Description Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC	S Taxiw Length: 113 Cost 0.00 0.	ay A2 Seasid .00 (Ft) Wit Thickness (in) 0.00 0.00 0.10 2.00 6.00 6.00 6.00 6.00 50 (Ft) Wit Thickness (in) 0.00 0.00 0.10	Section: dth: 30.0 Major M&R □ □ □ □ Section: dth: 50.0 Major M&R □ □ □ □ □ □ □ □ □ □ □ □ □	01 0 (Ft) Tr circa 1990 01 0 (Ft) Tr circa 1990	rue Area: Comr 6 rue Area: Comr 6	Surface:AC 4030 (SqFt) nents Surface:AC 5952 (SqFt) nents
Network: L.C.D. 8/3/19 9/1/2016 9/1/2009 8/1/1996 8/3/1961 8/2/1961 8/2/1961 8/1/1961 Network: L.C.D. 8/3/19 Work Date 9/1/2016 9/1/2009 8/1/1996 8/3/1961	Seaside M 961 U: Work Code CS-AC CS-AC CS-AC NC-AC BA-AG SB-AG SB-AG SB-AG SB-AG SB-AG Vork Code CS-AC CS-AC CS-AC CS-AC	unicipal Branch: TA2SS se: TAXIWAY Rank: P I Work Description Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC New Construction - AC Base Course - Aggregate Subbase - Aggregate unicipal Branch: TA3SS se: TAXIWAY Rank: P I Work Description Crack Sealing - AC Crack Sealing - AC	S Taxiw length: 113 Cost 0.00 0.	ay A2 Seasid .00 (Ft) Win Thickness (in) 0.00 0.00 0.10 2.00 6.00 6.00 6.00 6.00 5.0 (Ft) Win Thickness (in) 0.00 0.00 0.10 2.00	Section: dth: 30.0 Major M&R □ □ □ □ Section: dth: 50.0 Major M&R □ □ □ □ □ □ □ □ □ □ □ □ □	01 0 (Ft) Tr circa 1990 01 0 (Ft) Tr circa 1990	rue Area: Comr 6 rue Area: Comr 6	Surface:AC 4030 (SqFt) nents Surface:AC 5952 (SqFt) nents
Network: L.C.D. 8/3/19 9/1/2016 9/1/2009 8/1/1996 8/3/1961 8/2/1961 8/1/1961 Network: L.C.D. 8/3/19 Work Date 9/1/2016 9/1/2009 8/1/1996 8/3/1961 8/2/1961	Seaside M 961 U: Code CS-AC CS-AC CS-AC CS-AC BA-AG SB-AG SB-AG SB-AG Seaside M 961 U: Work Code CS-AC CS-AC CS-AC CS-AC CS-AC CS-AC SBA-AG	unicipal Branch: TA2SS se: TAXIWAY Rank: P I Work Description Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC New Construction - AC Base Course - Aggregate Subbase - Aggregate unicipal Branch: TA3SS se: TAXIWAY Rank: P I Work Description Crack Sealing - AC Crack Sealing - AC New Construction - AC Base Course - Aggregate	S Taxiw Length: 113 Cost 0.00 0.	ay A2 Seasid .00 (Ft) Win Thickness (in) 0.00 0.00 0.10 2.00 6.00 6.00 ay A3 Seasid .50 (Ft) Win Thickness (in) 0.00 0.00 0.10 2.00 6.00	Section: dth: 30.0 Major M&R □ □ □ □ □ □ □ □ □ □ □ □ □	01 0 (Ft) Tr circa 1990 01 0 (Ft) Tr circa 1990	rue Area: Comr 6 -ue Area: Comr 6	Surface:AC 4030 (SqFt) nents Surface:AC 5952 (SqFt) nents

Work History Report

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Network:	Seaside M	unicipal Branch: TASS	Taxiw	ay A Seaside	Section:	01 Surface:AC
L.C.D. 8/3/1	961 Us	se: TAXIWAY Rank: P L	ength: 2,357	.00 (Ft) Wie	dth: 25.0	0 (Ft) True Area: 58925 (SqFt)
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00		
5/3/2005	CS-AC	Crack Sealing - AC	0.00	0.10		
5/2/2005	PA-AS	Patching - AC Shallow	0.00	3.00		
8/3/1961	NC-AC	New Construction - AC	0.00	2.00		
8/2/1961	BA-AG	Base Course - Aggregate	0.00	6.00		
8/1/1961	SB-AG	Subbase - Aggregate	0.00	6.00		

Work History Report

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Pavement Database: ODA_2023Survey_MASTER DB-12-15-2023-1pm

Summary:

Work Description	Section Count	Area Total (SqFt)	Thickness Avg (in)	Thickness STD (in)
Base Course - Aggregate	13	304,133.00	6.00	0.00
Crack Sealing - AC	31	940,343.00	0.05	0.05
New Construction - AC	13	302,745.00	1.96	0.69
Oregon Slurry Seal	3	117,850.00	0.00	0.00
Overlay - AC Thin	1	6,000.00	2.00	0.00
Patching - AC Shallow	4	168,658.00	3.00	0.00
Subbase - Aggregate	10	220,998.00	6.00	0.00
Surface Treatment - Slurry Seal	3	117,850.00	0.10	0.00