2024 ODAV Pavement Evaluation Program Prospect State Airport

Prospect, Oregon

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Prepared for

State of Oregon Department of Aviation 3040 25th Street SE Salem, OR 97302-2595

Prepared by



16520 SW Upper Boones Ferry Road, Suite 100 Tigard, OR 97224-7661 (503) 641-3478 | www.gri.com



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1 OVERVIEW

GRI assisted with updating the Oregon Department of Aviation (ODAV) airport pavement management system and developing a 5-year plan comprising maintenance, surface treatment, rehabilitation, and reconstruction projects for the Prospect State Airport in Prospect, 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, and repair of airport pavements.

GRI conducted surveys of the airside pavement at Prospect State Airport in 2024 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. PCI is a numerical indicator that defines the functional condition of the pavement based on visual inspection. The scale ranges from 0 to 100, where 0 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

Prospect State Airport is in Prospect, Oregon, and is owned and operated by ODAV. The airport consists of one runway, two connector taxiways, and one main apron that serve a variety of general aviation aircraft. The general location of the airport is shown below, on the Prospect State Airport Location Map, Figure 2.1.





Figure 2.1: PROSPECT STATE AIRPORT LOCATION MAP

The airside pavements at the Prospect State Airport are composed of asphalt concrete (AC), AC overlaid with AC, and surface-treated pavements. The airport pavements, delineated by surface type and branch use, are shown on the Prospect State Airport Percent of Pavement Area by Surface Type, Figure 2.2, and on the Prospect State Airport Pavement Area by Branch Use, Figure 2.3, shown below. The pavement inventory, including the work history for each pavement section, is displayed spatially on the Prospect State Airport Pavement Inventory, Figure 2.4. The pavement facilities summarized by branch and section are summarized in Tables 2A and 3A, 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 1A of Appendix A in our survey. The pavement inventory, including the work history for individual airport pavement sections, is provided in the work history report presented in Appendix F.



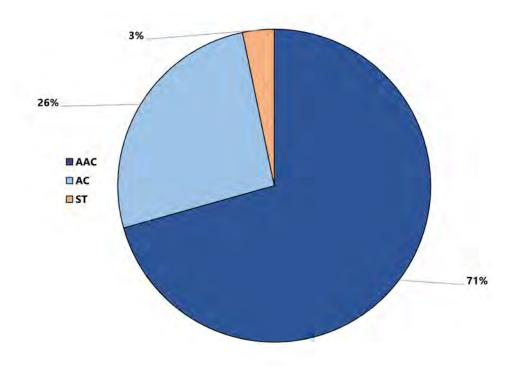


Figure 2.2: PROSPECT STATE AIRPORT PERCENT OF PAVEMENT AREA BY SURFACE TYPE

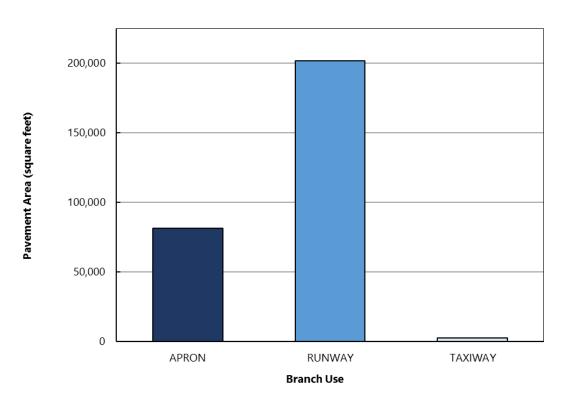
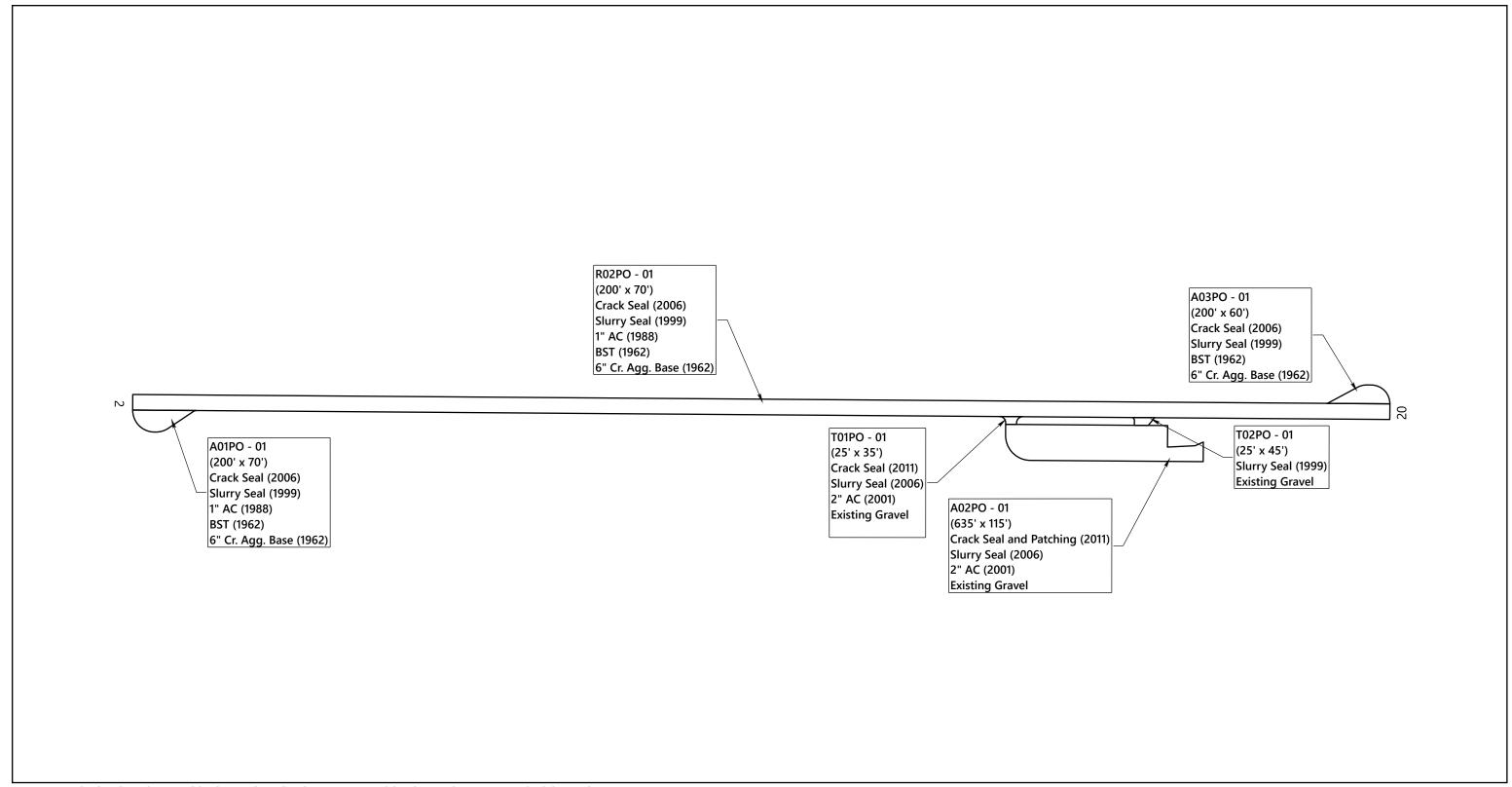
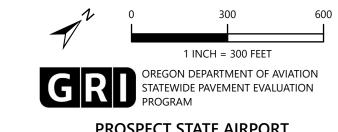


Figure 2.3: PROSPECT STATE AIRPORT PAVEMENT AREA BY BRANCH USE



ABBREVIATIONS: AC = ASPHALT CONCRETE; Cr. = CRUSHED; Agg. = AGGREGATE; BST = BITUMINOUS SURFACE TREATMENT



PROSPECT STATE AIRPORT
PAVEMENT INVENTORY

FIG. 2.4



3 PAVEMENT CONDITION INSPECTION RESULTS

3.1 Introduction

GRI conducted a visual PCI survey of the airside pavements at Prospect State Airport in August 2024. The 2024 survey work was performed on sections last inspected in 2019 in order to update the Prospect State Airport inspection data. GRI performed the 2024 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.

Table 3-1: ASTM PCI RATING SCALE

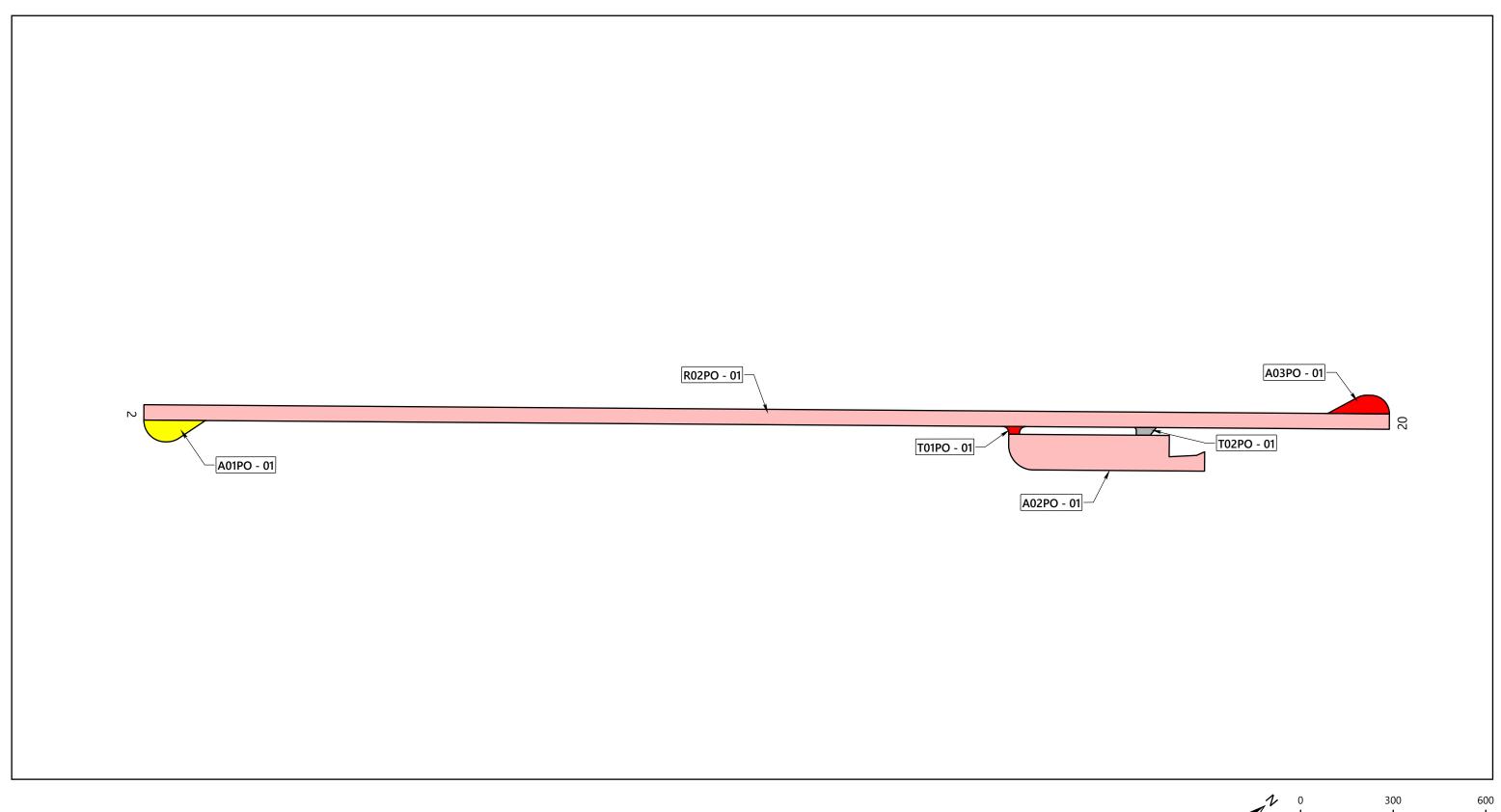
PCI Color Legend	PCI Range	PCI Rating and Definition
	86 – 100	GOOD: Pavement has minor or no distresses and should require only routine maintenance.
	71 – 85	SATISFACTORY: Pavement has scattered low-severity distresses that should require only routine maintenance.
	56 – 70	FAIR: Pavement has a combination 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.

Abbreviations: ASTM = ASTM International; PCI = Pavement Condition Index; M&R = maintenance and rehabilitation



3.2 Pavement Condition Index Survey Results

The area-weighted average PCI for all airport pavements at Prospect State Airport is approximately 54. The section PCIs ranged from a low of 0 to a high of 61. The primary distresses observed during the inspection were weathering, longitudinal and transverse cracking, fatigue (alligator) cracking, block cracking, patching, and raveling on AC-surfaced pavements. Section PCIs following our pavement survey are displayed spatially on the Prospect State Airport 2024 PCI Survey Results, Figure 3.1, below.





(86 - 100) GOOD

(71 - 85) SATISFACTORY

(56 - 70) FAIR

(41 - 55) POOR

(26 - 40) VERY POOR

(11 - 25) SERIOUS

(0 - 10) FAILED





PROSPECT STATE AIRPORT 2024 PCI SURVEY RESULTS



The condition distribution of the network by percent of total pavement area is provided on the Prospect State 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 2024 inspection is provided in Table 4B in Appendix B. The re-inspection report that includes inspection details for individual sample units is presented in Appendix E.

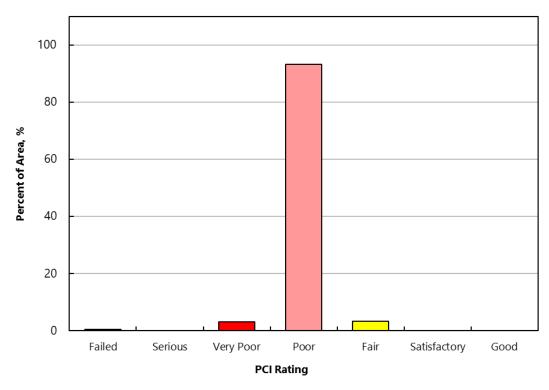


Figure 3.2: PROSPECT STATE AIRPORT PAVEMENT CONDITION RATING BY PERCENT OF AREA

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 Prospect State 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 five- and 10-year periods. Based on this analysis, we project the PCI to decrease from its current value of 54 to values of 45 in 2029 and 37 in



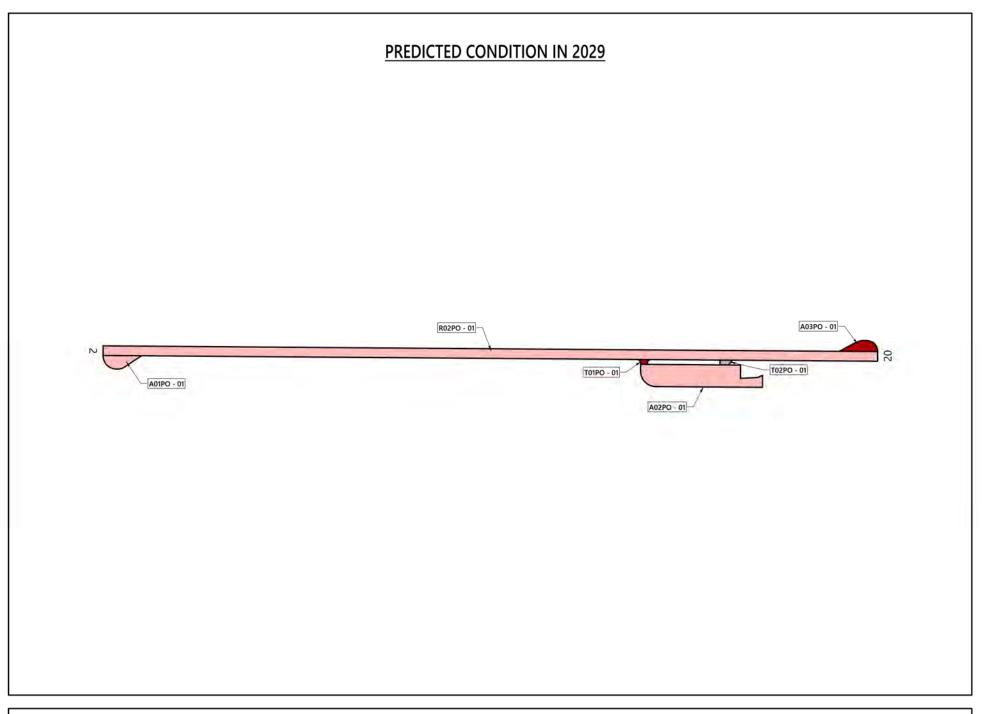
2034 if no maintenance or rehabilitation work is performed. The projected pavement condition in five years and 10 years for each pavement section at Prospect State Airport is displayed spatially on the Prospect State Airport Future Pavement Condition, Figure 4.1, and listed in Table 1C in Appendix C, along with the past and present PCI values for the pavement network.

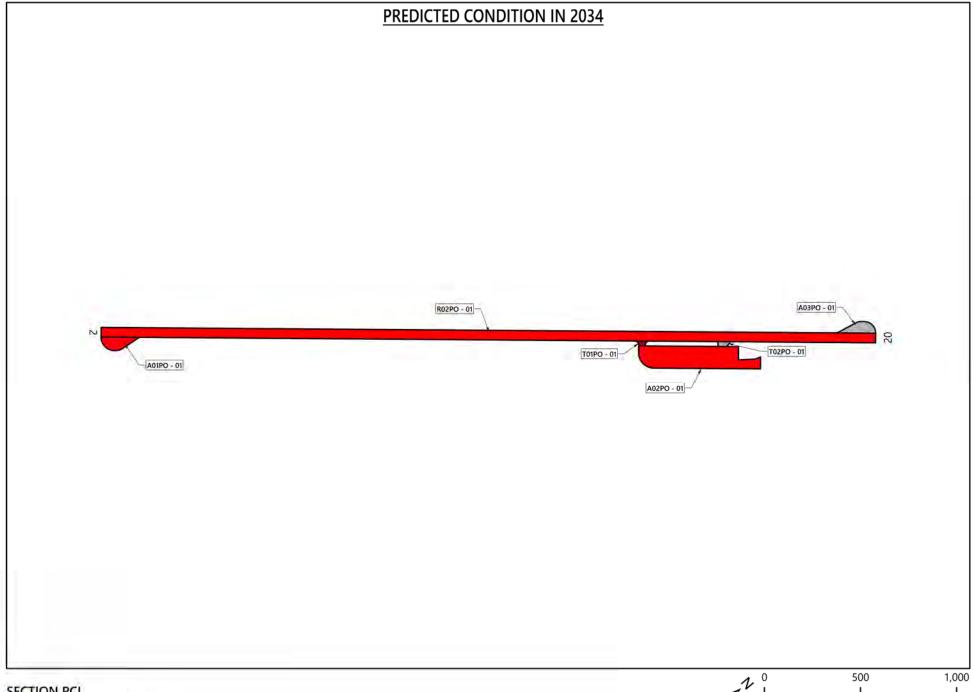
4.3 Functional Remaining Life

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 deflection tests.

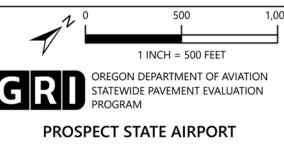
We calculated two forms of functional remaining life based on the current visual condition surveys of the pavement at Prospect State Airport. The first type of functional remaining life is the time until rehabilitation, such as an overlay, is needed. The critical PCI, further discussed in Section C.3 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 Prospect State Airport are summarized in Table 2C in Appendix C.









FUTURE PAVEMENT CONDITION



5 MAINTENANCE AND REHABILITATION PROJECT RECOMMENDATIONS

5.1 Introduction

We evaluated maintenance and rehabilitation (M&R) needs, as determined from the PAVER analysis results, in order to develop localized maintenance, surface treatment, rehabilitation, and reconstruction needs. The 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 summarized in Table 3D in Appendix D and is independent of the surface treatments, rehabilitation, and reconstruction projects associated with the five-year 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

Localized Maintenance Operation	Quantity, linear feet or square feet
Asphalt Concrete Crack Sealing	22,393
Asphalt Concrete Full-Depth Patching	4,584

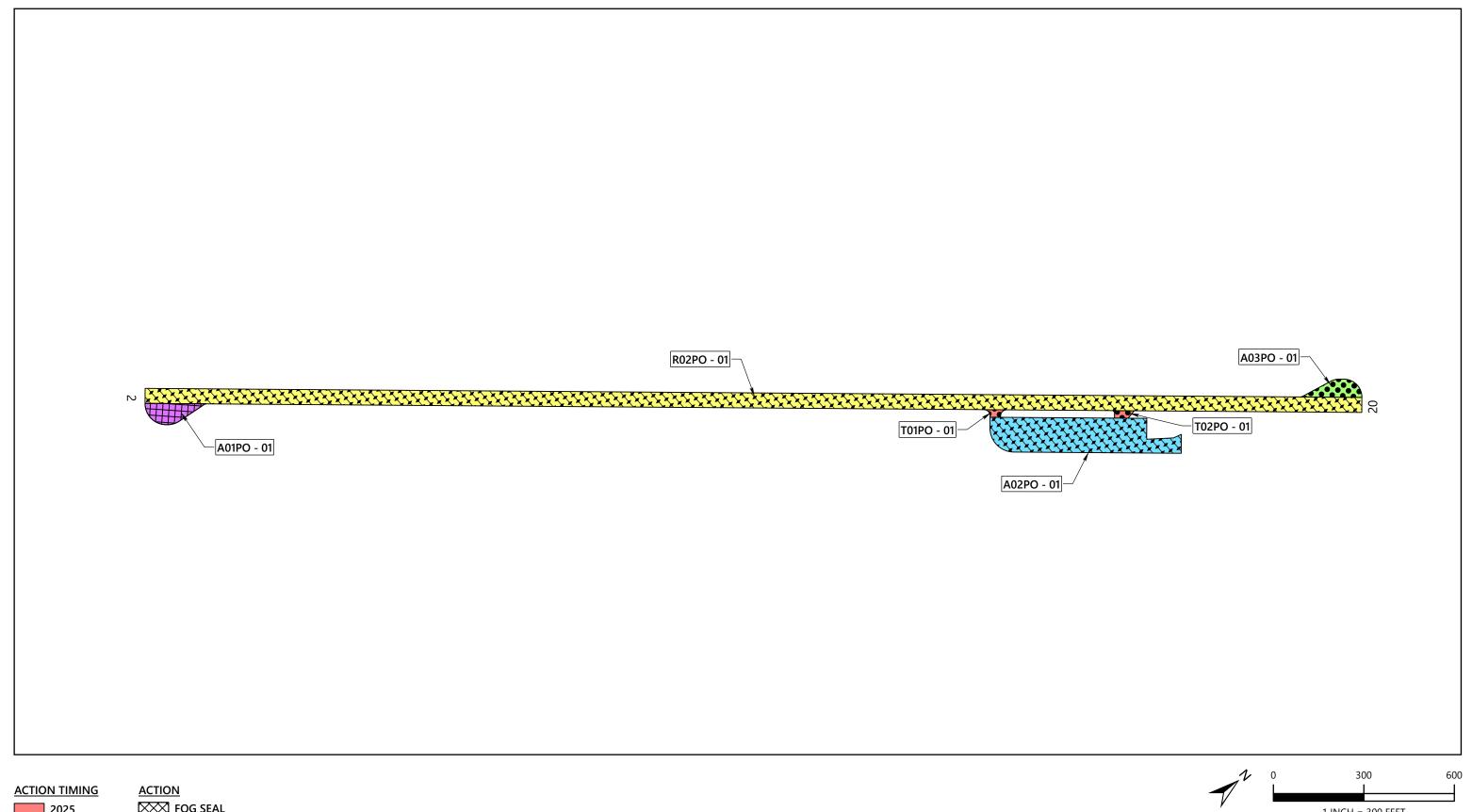
5.3 Surface Treatment, Rehabilitation, and Reconstruction Plan

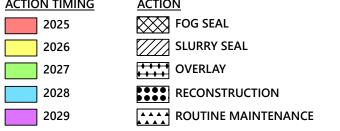
To develop the 5-year work plan, we first ran the eliminate backlog scenario with the PAVER M&R Work Planning Module in order to generate a list, organized by year, of surface treatment, rehabilitation, and reconstruction projects. We then reviewed the project list and refined it into practical construction projects for each year. A summary of surface treatment, rehabilitation, and reconstruction quantities is provided in Table 5-2.

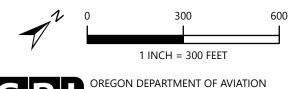
Table 5-2: SURFACE TREATMENT, REHABILITATION, AND RECONSTRUCTION QUANTITIES

Treatment Type	Quantity, square feet
Reconstruction	10,358
Overlay	265,975
Fog Seal	9,268
Slurry Seal	0

Maps of the project locations by year are shown on the Prospect State Airport 5-Year Pavement Management Plan, Figure 5.1. The complete list of recommended surface treatment, rehabilitation, and reconstruction projects is presented in Table 4D in Appendix D.







OREGON DEPARTMENT OF AVIATION STATEWIDE PAVEMENT EVALUATION

PROSPECT STATE AIRPORT 5-YEAR PAVEMENT MANAGEMENT PLAN



6 **LIMITATIONS**

This report has been prepared to assist ODAV with pavement-related project planning for the Prospect State 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 M&R program should be reviewed and updated on a regular basis. The pavement condition should be regularly surveyed and updated, and completed construction activities should be tracked in the PAVER database. If Prospect State Airport would like to know more about the results presented in this report, please contact the undersigned.

Submitted for GRI, FD PROFA

RENEWS: 06/2025

Lindsi A. Hammond, PE

Principal

Matthew A. Haynes, PE

Project Engineer

Ana Coca, PhD

Staff Engineer

This document has been submitted electronically.



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Pavement Inventory Reports and Maps



APPENDIX A

PAVEMENT INVENTORY REPORTS AND MAPS

A.1 PAVEMENT NETWORK

Prospect State Airport is located in Prospect, Oregon, and is owned and operated by the Oregon Department of Aviation (ODAV). The pavement network / facilities at Prospect State Airport serve a variety of general aviation aircraft. Prospect State Airport consists of one runway, two connector taxiways, and one main apron. The types of airside pavements include asphalt concrete (AC), AC overlaid with AC, and surface-treated pavements.

The current airport pavement management system (APMS) network at Prospect State Airport has an approximate area of 285,601 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 are summarized by branch and section in Tables 2A and 3A, 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 Prospect State Airport contains six branches, information about which are tabulated in Table 2A 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 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 Prospect State Airport contains six sections that are managed by ODAV, information about which is tabulated in Table 3A and the locations of which are shown spatially on Figure 1A.

PAVER assigns a rank that designates a pavement's prioritization in receiving maintenance and repair. The highest use or priority pavements, such as runways, taxiways, and terminal aprons, are ranked "Primary," the surrounding aprons and shoulders are ranked "Secondary," and low-use areas are ranked "Tertiary." The ranks for all sections are shown on Table 3A.



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 that 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 8 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:

$$n = \frac{N \times s^2}{\left(e^2/4\right)(N-1)+s^2}$$
 (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 2024 Prospect State Airport PCI survey, Table 1A 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 Prospect State 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 equal distances apart.



Table 1A: EXAMPLE SAMPLE RATES FOR ASPHALT CONCRETE PAVEMENTS

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

Table 2A: PROSPECT STATE AIRPORT PAVEMENT BRANCHES

Facility Designation			Approximate Area,
(Branch ID)	Branch Name	Number of Sections	square feet
A01PO	Apron 01 Prospect	1	9,268
A02PO	Apron 02 Prospect	1	64,225
A03PO	Apron 03 Prospect	1	7,918
R02PO	Runway 2/20 Prospect	1	201,750
T01PO	Taxiway 01 Prospect	1	1,047
T02PO	Taxiway 02 Prospect	1	1,393



Table 3A: PROSPECT STATE AIRPORT CURRENT PAVEMENT INVENTORY

Approximate Area, square											
Branch ID	Branch Name	Branch Use	Section ID	From	То	Rank	Length, feet	Width, feet	feet	LCD	Surface Type
A01PO	Apron 01 Prospect	APRON	01	Runway 02 End		Р	200	70	9,268	9/1/1988	AC
A02PO	Apron 02 Prospect	APRON	01	Taxiway 01, 02	Fence	Р	635	115	64,225	8/1/2001	AC
A03PO	Apron 03 Prospect	APRON	01	Runway 20 End		Р	200	60	7,918	1/1/1988	ST
R02PO	Runway 2/20 Prospect	RUNWAY	01	Runway 02 End	Runway 20 End	Р	4,035	50	201,750	9/1/1995	AAC
T01PO	Taxiway 01 Prospect	TAXIWAY	01	Runway 2/20	Apron 02	Р	25	35	1,047	8/1/2001	AC
T02PO	Taxiway 02 Prospect	TAXIWAY	01	Runway 2/20	Apron 02	Р	25	45	1,393	9/1/1999	ST

Abbreviations:

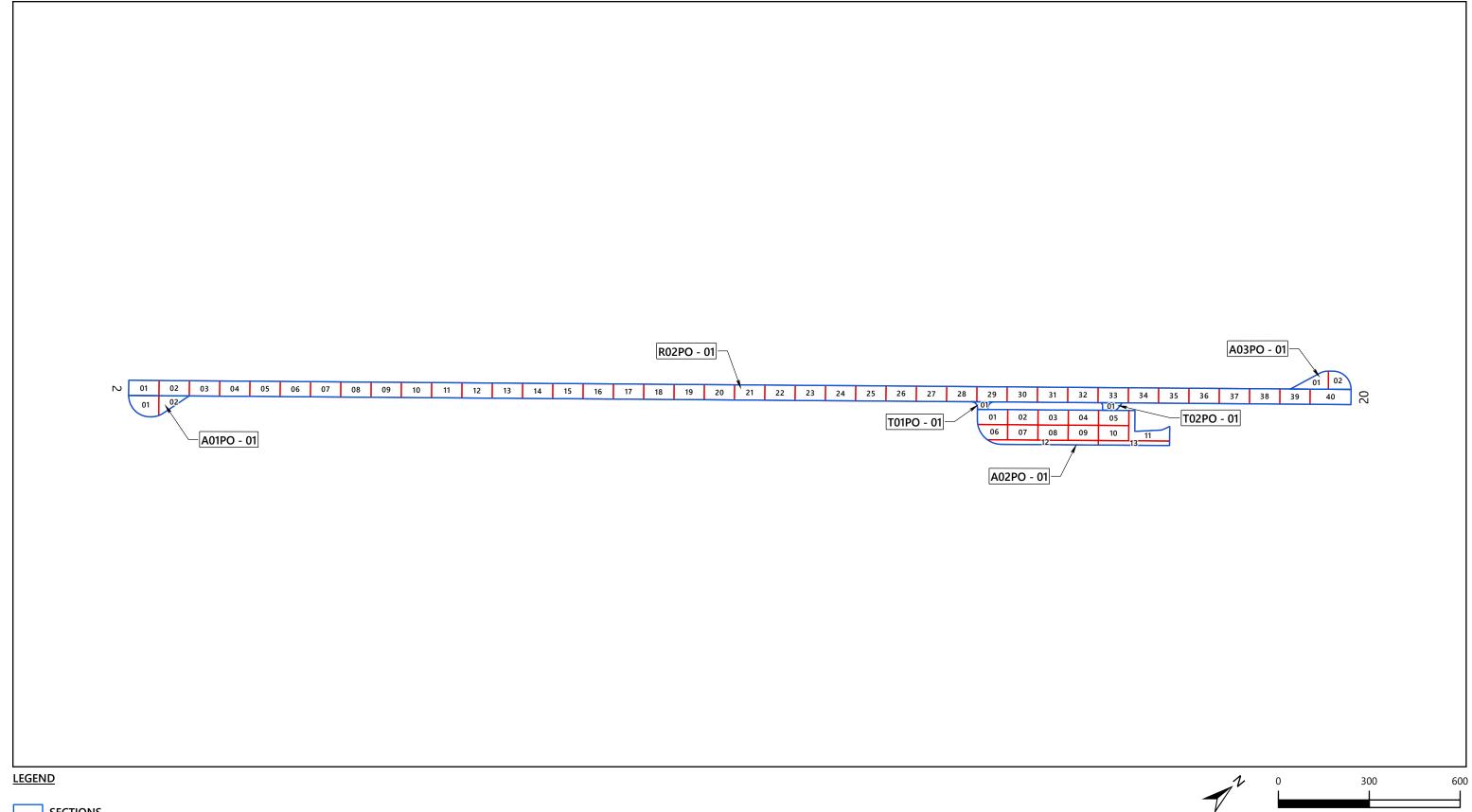
-- = no value

P = Primary pavement

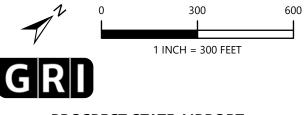
LCD = Last construction date. The date of the last major rehabilitation (e.g., overlay).

AC = asphalt concrete, AAC = AC overlaid with AC, ST = surface treated





SECTIONS
SAMPLE UNIT



PROSPECT STATE AIRPORT
SAMPLE UNIT LAYOUT

FIG. 1A



APPENDIX B

Pavement Condition Index Survey Results



APPENDIX B

PAVEMENT CONDITION INDEX SURVEY RESULTS

B.1 METHODOLOGY

As previously discussed, the Pavement Condition Index (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 PCI is not a direct measure of structural capacity, it provides a suggestion of the structural needs of the pavement.

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 International (ASTM) D5340. Flexible pavement (e.g., asphalt concrete [AC] and AC overlaid with AC) 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.

Table 1B: PAVER DISTRESS CODES FOR FLEXIBLE PAVEMENT

PAVER Code	Pavement Distress	Related Cause
41	Alligator Cracking	Load
42	Bleeding	Other
43	Block Cracking	Climate/Durability
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



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" (i.e., 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 in Table 3-1 of Section 3.1 is based on ASTM D5340.

Section 4.1 of ASTM D5340, which governs 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 maintenance and rehabilitation 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 Prospect State Airport pavement network consists of six branches and six sections. A total of 17 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 presented in Appendix E. Based on the 2024 PCI survey, the area-weighted average PCI for the entire pavement network at Prospect State Airport is approximately 54, which corresponds to a PCI rating of Poor.

To investigate the rate of deterioration of each pavement section, we compared the PCI results from the 2024 survey to the PCI results from the previous inspection. The variation in PCI between inspections for Prospect State Airport pavement sections is outlined in Table 4B in this appendix.

Table 2B: PROSPECT STATE AIRPORT CURRENT BRANCH CONDITION REPORT

Branch ID	Number of Sections	Approximate Area, square feet	Use	Area Weighted Average Branch PCI	PCI Category
A01PO	1	9,268	APRON	61	Fair
A02PO	1	64,225	APRON	54	Poor
A03PO	1	7,918	APRON	26	Serious
R02PO	1	201,750	RUNWAY	55	Poor
T01PO	1	1,047	TAXIWAY	28	Very Poor
T02PO	1	1,393	TAXIWAY	0	Failed

Use Category	Number of Sections	Total Area, square feet	Area Weighted Average PCI
APRON	3	81,411	52
RUNWAY	1	201,750	55
TAXIWAY	2	2,440	12
ALL	6	285,601	54

Abbreviation: PCI = Pavement Condition Index



Table 3B: PROSPECT STATE AIRPORT 2024 PAVEMENT CONDITION INDEX SURVEY RESULTS

BranchID	SectionID	Last Construction Date	Surface Type	Use	Last Inspection Date	Age at Inspection	PCI	PCI Category	PCI % Climate	PCI % Load	PCI % Other
A01PO	01	9/1/1988	AC	APRON	8/1/2024	36	61	Fair	100	0	0
A02PO	01	8/1/2001	AC	APRON	8/1/2024	23	54	Poor	71	29	0
A03PO	01	1/1/1988	ST	APRON	8/1/2024	37	26	Very Poor	50	45	5
R02PO	01	9/1/1995	AAC	RUNWAY	8/1/2024	29	55	Poor	70	30	0
T01PO	01	8/1/2001	AC	TAXIWAY	8/1/2024	23	28	Very Poor	74	26	0
T02PO	01	9/1/1999	ST	TAXIWAY	8/1/2024	25	0	Failed	6	94	0

Abbreviations:

PCI = Pavement Condition Index; AC = asphalt concrete; AAC = AC overlaid with AC; ST = surface treated



Table 4B: PROSPECT STATE AIRPORT COMPARISON OF PREVIOUS INSPECTION AND 2024 RESULTS

	Approximate Area, square		2019 Survey			2024 Survey				Rate of		
Branch ID	Section ID	Surface Type	feet	LCD ²	PCI ³	PCI Category	Inspection Date	PCI	PCI Category	Age ⁴	Δ PCI/yr⁵	Deterioration
A01PO	01	AC	9,268	9/1/88	53	Poor	5/13/2019	61	Fair	31	1.47	NONE
A02PO	01	AC	64,225	8/1/01	57	Fair	5/13/2019	54	Poor	18	-1	NORMAL
A03PO	01	ST	7,918	1/1/88	23	Serious	5/13/2019	26	Very Poor	31	0.48	NONE
R02PO	01	AAC	201,750	9/1/95	46	Poor	5/13/2019	55	Poor	24	2	NONE
T01PO	01	AC	1,047	8/1/01	50	Poor	5/13/2019	28	Very Poor	18	-4.23	HIGH
T02PO	01	ST	1,393	9/1/99	27	Very Poor	5/13/2019	0	Failed	20	-5	HIGH

Abbreviations:



 $^{^{\}rm 1}$ AC = asphalt concrete; AAC = AC overlaid with AC; ST = surface treatment

 $^{^2}$ 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 2019

 $^{^5\,\}Delta$ PCI/yr = Change in PCI points per year between 2019 survey and 2024 survey



APPENDIX C

Future Pavement Condition Analysis



APPENDIX C

FUTURE 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, this is done with the aid of a prediction model. When an airport pavement management system is initially implemented, the default models are typically used to predict the future condition of a pavement. However, after Pavement Condition Index (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 prediction models is as follows:

- 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 Prospect State Airport. The delineation is based on branch use, surface type, section rank, and structural design life. We use four distinct models for the following "families" of pavements at Prospect State Airport. For each model, we reviewed the data to filter out any inconsistent or inaccurate data or any data that falls 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 polynomial-constrained, 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.



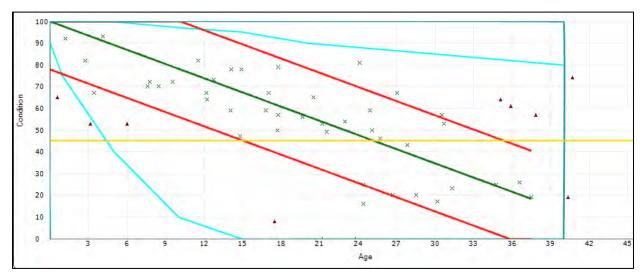


Figure 1C: CONDITION PREDICTION MODEL FOR REGION 2 CATEGORY 5 ASPHALT CONCRETE APRONS

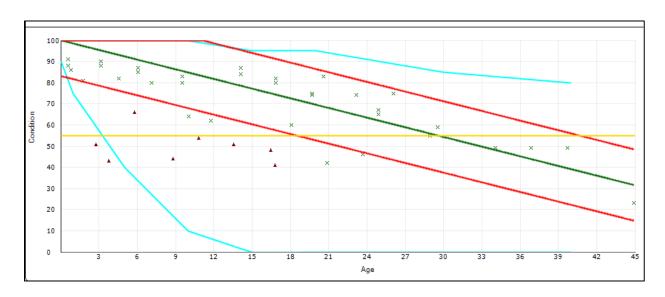


Figure 2C: CONDITION PREDICTION MODEL FOR REGION 2 CATEGORY 5 ASPHALT CONCRETE RUNWAYS



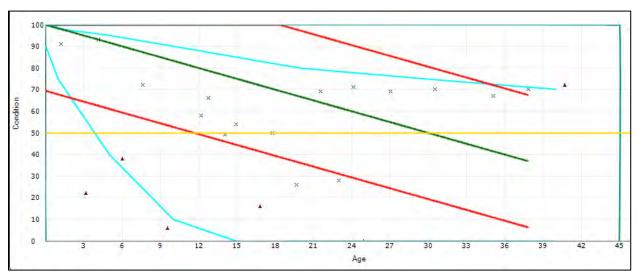


Figure 3C: CONDITION PREDICTION MODEL FOR REGION 2 CATEGORY 5 ASPHALT CONCRETE TAXIWAYS

C.3 CRITICAL PAVEMENT CONDITION INDEX

Each condition-prediction model 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 maintenance and rehabilitation (M&R) 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 Prospect State Airport:

Runways: 55

Taxiways/Taxilanes: 50

Aprons: 45

C.4 FUTURE CONDITION ANALYSIS

As previously discussed, the projected condition of each pavement section was determined for five- and 10-year periods. The projected pavement conditions in five years and 10 years for each pavement section at Prospect State 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 Prospect State 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 (i.e., a PCI of 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 Future PCI	
Br	anch ID	Section ID	2019	2024	2029	2034
NE	TWORK		48	54	45	37
Α	A01PO	01	53	61	50	39
Δ	A02PO	01	57	54	43	32
Α	A03PO	01	23	26	15	4
R	R02PO	01	46	55	48	40
Т	T01PO	01	50	28	19	11
Т	T02PO	01	27	0	0	0

Abbreviations: PCI = Pavement Condition Index; -- = no value



Table 2C: PROSPECT STATE AIRPORT FUNCTIONAL REMAINING LIFE ANALYSIS

						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
A01PO	01	AC	61	6 - 10	45	6 - 10
A02PO	01	AC	54	0 - 5	45	6 - 10
A03PO	01	ST	26	0 - 5	45	0 - 5
R02PO	01	AAC	55	0 - 5	55	6 - 10
T01PO	01	AC	28	0 - 5	50	0 - 5
T02PO	01	ST	0	0 - 5	50	0 - 5

Abbreviations:

PCI = Pavement Condition Index; AC = asphalt concrete; AAC = AC overlaid with AC; ST = surface treatment; M&R = maintenance and rehabilitation



¹ Major M&R 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 maintenance and rehabilitation (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 Prospect State Airport pavement network condition over time. We used PAVER v7.1.2 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, 2025. 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 Pavement Condition Index (PCI) less than 40.
- **Rehabilitation (Asphalt Concrete [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 5-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.

Table 1D: MAINTENANCE AND REHABILITATION WORK PRIORITY BY BRANCH USE AND SECTION RANK

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

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 International 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 cost to PCI. We reviewed the unit costs from the 2019 report and updated them by reviewing the bid tabulations for recent projects within the vicinity of Prospect State Airport and information provided by the Oregon Department of Aviation Pavement Maintenance Program project team. The costs for reconstruction are based on the existing pavement sections present within each branch use at Prospect State 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.



Table 2D: REGION 2 UNIT COST DATA

Type of M&R	Work Type	Unit Cost per Square Foot
Main MARD	Complete Reconstruction with AC	\$19.05
Major M&R	Cold Mill and Overlay—2 Inches Thick	\$8.41
Conform Treatment (Clabal) MOD	Surface Treatment—Slurry Seal	\$0.50
Surface Treatment (Global) M&R	Surface Treatment—Fog Seal	\$0.33
	Crack Sealing—AC	\$2.75
	Crack Sealing—PCC	\$17.00
Landinad Drawativa MOJD	Wide Crack Repair	\$75.00
Localized Preventive M&R	Joint Sealing—PCC	\$12.00
	AC Patching—Full Depth	\$75.00
	PCC Patching—Full Depth	\$140.00

Abbreviations: M&R = Maintenance and Rehabilitation; AC = asphalt concrete; PCC = portland cement concrete

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: PROSPECT STATE AIRPORT NETWORK MAINTENANCE REPORT

Branch ID	Section ID	Distress	Severity	Action	Work Quantity	Unit	Unit Cost	Work Cost	Section Total
A01PO	01	Long. & Trans. Cracking	Low	Crack Sealing—AC	33	Ft	\$2.75	\$91	\$1,139
A01PO	01	Long. & Trans. Cracking	Medium	Crack Sealing—AC	381	Ft	\$2.75	\$1,048	\$1,159
A02PO	01	Block Cracking	Medium	Crack Sealing—AC	2,193	Ft	\$2.75	\$6,031	
A02PO	01	Long. & Trans. Cracking	Low	Crack Sealing—AC	270	Ft	\$2.75	\$742	\$67,445
A02PO	01	Long. & Trans. Cracking	Medium	Crack Sealing—AC	4,381	Ft	\$2.75	\$12,049	\$07, 44 5
A02PO	01	Alligator Cracking	Medium	Patching—AC Deep	648	SqFt	\$75.00	\$48,623	
A03PO	01	Long. & Trans. Cracking	Medium	Crack Sealing—AC	726	Ft	\$2.75	\$1,997	
A03PO	01	Long. & Trans. Cracking	Low	Crack Sealing—AC	39	Ft	\$2.75	\$107	\$73,190
A03PO	01	Alligator Cracking	Medium	Patching—AC Deep	948	SqFt	\$75.00	\$71,086	
R02PO	01	Long. & Trans. Cracking	Medium	Crack Sealing—AC	12,482	Ft	\$2.75	\$34,324	
R02PO	01	Long. & Trans. Cracking	Low	Crack Sealing—AC	1,654	Ft	\$2.75	\$4,549	\$144,730
R02PO	01	Alligator Cracking	Medium	Patching—AC Deep	1,411	SqFt	\$75.00	\$105,856	
T01PO	01	Long. & Trans. Cracking	Medium	Crack Sealing—AC	234	Ft	\$2.75	\$644	\$2,889
T01PO	01	Alligator Cracking	Medium	Patching—AC Deep	30	SqFt	\$75.00	\$2,246	\$2,009
T02PO	01	Alligator Cracking	High	Patching—AC Deep	1,547	SqFt	\$75.00	\$116,042	\$116,042

Abbreviations:

Long. = longitudinal; Trans. = transverse; AC = asphalt concrete; AAC = AC overlaid with AC; ST = surface treated; Ft = feet; SqFt = square feet



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

							Area, square		
Action Year	Branch ID	Section ID	Branch Use	Surface Type	Current PCI	Action	feet	Unit Cost per square foot	Total Cost
2025	T01PO	01	TAXIWAY	AC	28	Reconstruction	1,047	\$19.05	\$19,945
2025	T02PO	01	TAXIWAY	ST	0	Reconstruction	1,393	\$19.05	\$26,536
2026	R02PO	01	RUNWAY	AAC	55	Overlay	201,750	\$8.41	\$1,696,633
2027	A03PO	01	APRON	ST	26	Reconstruction	7,918	\$19.05	\$150,836
2028	A02PO	01	APRON	AC	54	Overlay	64,225	\$8.41	\$540,105
2029	A01PO	01	APRON	AC	61	Fog Seal	9,268	\$0.33	\$3,058

Abbreviations:
PCI = Pavement Condition Index; AC = asphalt concrete; AAC = AC overlaid with AC; ST = surface treated

Cost Summary	
2025 Total Project Cost	\$46,481
2026 Total Project Cost	\$1,696,633
2027 Total Project Cost	\$150,836
2028 Total Project Cost	\$540,105
2029 Total Project Cost	\$3,058
Total Five-Year Project Cost	\$2,437,115





APPENDIX E

Reinspection Report

	uica Dutt		12/	24/2024										
Netwo	ork: Prospect					Nar	me:	Prospect State	=					
Branc	ch: A01PO			Name:	Apron	01 Pro	spect	Us	e: Al	PRON	Are	ea:	9,268 SqFt	
Sectio	on: 01		of 1		From:	Runwa	y 02 End			To: -			Last Const.:	9/1/198
Surfa	ce: AC	Family	7: 202 5_A	4_Region Apron_AC	2_Cat	Zon	ne: 64	4S		Category:	J		Rank: P	
Area:		9,268 SqFt		Length	:	200 1	Ft	Width:		70 F	t			
Slabs	:	Slab I	Length:		Ft		Slab Wi	dth:		Ft		Joint Length:	F	t
Shoul		Street	t Type:				Grade:	0				Lanes: 0		
Sectio	on Comments:													
Work	Date: 9/1/1962		Work T	ype: Bas	se Course - A	Aggrega:	te		Code:	BA-AG		Is Major M	&R: False	
Work	Date: 9/1/1962		Work 1	ype: Sur	face Course	- BST			Code:	SU-SB		Is Major M	&R: True	
Work	Date: 8/1/1988		Work 1	ype: Ne	w Constructi	on - Ini	tial		Code:	NC-IN		Is Major M	&R: True	
Work	Date: 9/1/1988		Work T	ype: Ov	erlay - AC T	hin			Code:	OL-AT		Is Major M	&R: True	
Work	Date: 9/1/1999		Work 1	ype: Sur	face Treatme	ent - Slu	ırry Seal		Code:	ST-SS		Is Major M	&R: False	
Work	Date: 9/1/1999		Work 1	ype: Cra	ck Sealing -	AC			Code:	CS-AC		Is Major M	&R: False	
Work	Date: 9/1/2001		Work 1	ype: Cra	ck Sealing -	AC			Code:	CS-AC		Is Major M	&R: False	
Work	Date: 9/1/2006		Work T	ype: Cra	ick Sealing -	AC			Code:	CS-AC		Is Major M	&R: False	
Last l	Insp. Date: 8/1/2	2024		Total	Samples:	2		Surv	eyed:	2				
Cond	itions: PCI:	61												
Inspe	ction Comments:													
Samp	le Number: 01	7	Гуре:	R	I	Area:		5911.00 SqFt		PCI:	68			
Samp	le Comments:													
Distres	ss Descripti	on	Sev	erity	Quantity	7	Density	Deduct	Comn	nents				
48	L & T CR]	L	6.00	Ft	0.1	2.5						
48	L & T CR]	М	62.00	Ft	1.0	11.5						
50	PATCHING]	M	372.00	SqFt	6.3	21.9						
57	WEATHERING	ł	1	L	5911.00	SqFt	100.0	6.0						
Samp	le Number: 02	7	Гуре:	R		Area:		3357.00 SqFt		PCI:	49			
Samp	le Comments:													
Distres	ss Description	on	Sev	erity	Quantity	7	Density	Deduct	Comn	nents				
48	L & T CR]	L	27.00	Ft	0.8	4.6						
48	L & T CR]	M	246.00	Ft	7.3	31.4						
48	L & T CR		1	М	73.00	Ft	2.2	16.4						
50	PATCHING]	M	486.00	SqFt	14.5	32.8						
57	WEATHERING	t]	L	3357.00	SqFt	100.0	6.0						

n -	10000					. == -	т .		G. E.
Branch:		Name:	Apron 02 Pros		Use			rea: 64,225	
Section:		of 1	From: Taxiwa				Fence		Const.: 8/1/200
Surface	: AC	Family: 2024_Regio 5_Apron_A		e: 64S		Cat	egory: J	Rank	: P
Area:	64,22	25 SqFt Length	h: 635 F	't	Width:		115 Ft		
Slabs:		Slab Length:	Ft	Slab Widt	h:	Ft		Joint Length:	Ft
Shoulde		Street Type:		Grade:	0			Lanes: 0	
	Comments:								
Work D	Pate: 9/1/1962	Work Type: Ba	ase Course - Aggregat	e		Code: BA	-AG	Is Major M&R:	False
Work D	Pate: 8/1/2001	Work Type: No	ew Construction - AC			Code: NO	C-AC	Is Major M&R:	True
Work D	Pate: 9/1/2006	Work Type: Cr	rack Sealing - AC			Code: CS	-AC	Is Major M&R:	False
Work D	Pate: 9/2/2006	Work Type: St	urface Treatment - Slu	rry Seal		Code: ST	-SS	Is Major M&R:	False
Work D	Pate: 6/1/2011	Work Type: Ca	rack Sealing - AC			Code: CS	-AC	Is Major M&R:	False
Work D	Pate: 6/2/2011	Work Type: Pa	ntching - AC Deep			Code: PA	-AD	Is Major M&R:	False
Last Ins	sp. Date: 8/1/2024	Tota	alSamples: 13		Surve	yed: 5			
Conditio	ons: PCI: 54								
Inspecti	on Comments:								
_	Number: 01	Type: R	Area:	4	993.00 SqFt		PCI: 66		
Sample	Comments:								
Distress	Description	Severity	Quantity	Density	Deduct	Comments			
48 I	L & T CR	L	25.00 Ft	0.5	4.1				
48 I	L & T CR	M	295.00 Ft	5.9	28.1				
57 V	WEATHERING	L	4993.00 SqFt	100.0	6.0				
-	Number: 03 Comments:	Type: R	Area:	50	000.00 SqFt		PCI: 63		
Distress	Description	Severity	Quantity	Density	Deduct	Comments			
48 L	L & T CR	M	390.00 Ft	7.8	32.4				
57 V	WEATHERING	L	5000.00 SqFt	100.0	6.0				
Sample	Number: 04	Type: R	Area:	50	000.00 SqFt		PCI: 61		
_	Number: 04 Comments:	Type: R	Area:	51	000.00 SqFt		PCI: 61		
Sample		Type: R Severity	Area: Quantity	Density	_	Comments			
Sample Distress	Comments:				_	Comments			
Sample Distress 48 I	Comments: Description	Severity	Quantity	Density	Deduct	Comments			
Sample Distress 48 I	Comments: Description L & T CR	Severity L	Quantity 44.00 Ft	Density 0.9	Deduct	Comments			
Sample Distress 48 I 48 I 57 V	Description L & T CR	Severity L M	Quantity 44.00 Ft 398.00 Ft	0.9 8.0 100.0	Deduct 4.7 32.7	Comments			
Sample Distress 48 L 48 L 57 V Sample	Description L & T CR L & T CR WEATHERING	Severity L M L	Quantity 44.00 Ft 398.00 Ft 5000.00 SqFt	0.9 8.0 100.0	Deduct 4.7 32.7 6.0	Comments			
Sample Distress 48 L 48 L 57 V Sample	Description & T CR & T CR WEATHERING Number: 07	Severity L M L	Quantity 44.00 Ft 398.00 Ft 5000.00 SqFt	0.9 8.0 100.0	Deduct 4.7 32.7 6.0 000.00 SqFt	Comments			
Sample Distress 48 I 48 I 57 V Sample Sample Distress	Description L & T CR L & T CR WEATHERING Number: 07 Comments:	Severity L M L Type: R	Quantity 44.00 Ft 398.00 Ft 5000.00 SqFt Area:	Density 0.9 8.0 100.0	Deduct 4.7 32.7 6.0 000.00 SqFt				
Sample Distress 48 I 57 V Sample Sample Distress 41 A	Description L & T CR L & T CR WEATHERING Number: 07 Comments: Description	Severity L M L Type: R	Quantity 44.00 Ft 398.00 Ft 5000.00 SqFt Area:	Density 0.9 8.0 100.0 50 Density	Deduct 4.7 32.7 6.0 000.00 SqFt Deduct				
Sample Distress 48 I 57 V Sample Sample Distress 41 A 48 I	Description L & T CR L & T CR WEATHERING Number: 07 Comments: Description ALLIGATOR CR	Severity L M L Type: R Severity M	Quantity 44.00 Ft 398.00 Ft 5000.00 SqFt Area: Quantity 164.00 SqFt	Density 0.9 8.0 100.0 Density 3.3	Deduct 4.7 32.7 6.0 000.00 SqFt Deduct 42.0				
Sample Distress 48 I 48 I 57 V Sample Sample Distress 41 A 48 I 48 I	Description L & T CR L & T CR WEATHERING Number: 07 Comments: Description ALLIGATOR CR	Severity L M L Type: R Severity M L	Quantity 44.00 Ft 398.00 Ft 5000.00 SqFt Area: Quantity 164.00 SqFt 36.00 Ft	Density 0.9 8.0 100.0 50 Density 3.3 0.7	Deduct 4.7 32.7 6.0 000.00 SqFt Deduct 42.0 4.4				

Samp	le Comments:					
Distres	ss Description	Severity	Quantity	Density	Deduct	Comments
41	ALLIGATOR CR	M	50.00 SqFt	1.0	29.2	
43	BLOCK CR	M	2800.00 SqFt	56.0	42.6	
48	L & T CR	M	238.00 Ft	4.8	25.0	
57	WEATHERING	Ī.	5000.00 SaFt	100.0	6.0	

Area:

5000.00 SqFt

PCI: 37

Type:

Sample Number: 08

Network:	Prospect				Nam	ie:	Prospect State					
Branch:	A03PO		Nam	e: Aproi	n 03 Pros	pect	Use	e: Al	PRON	Are	a:	7,918 SqFt
Section: 01			1	From:	Runway	20 End			To: -			Last Const.: 1/1/198
Surface: ST	Γ	Family:	2024_Res	gion2_Cat _AC	Zone	e: 64	S		Category:	J		Rank: P
Area:	7	,918 SqFt		gth:	200 F		Width:		60 Ft			
Slabs:		Slab Len	_	Ft		Slab Wie			Ft		Joint Length:	Ft
Shoulder: Section Comm	nontes	Street Ty	pe:			Grade:	0				Lanes: 0	
Work Date:		Wa	ault Trimor	Daga Caumaa	\ aamaaat			Codo	BA-AG		Is Major M	P.D. Falsa
				Base Course - A		<i>=</i>					Is Major M	
Work Date: 9	9/2/1962	Wo	ork Type:	Surface Course	- BST			Code:	SU-SB		Is Major M	&R: True
Work Date:	1/1/1988	Wo	ork Type:	New Construct	on - Initi	al		Code:	NC-IN		Is Major M	&R: True
Work Date:	9/1/1999	Wo	ork Type:	Crack Sealing -	AC			Code:	CS-AC		Is Major M	&R: False
Work Date:	9/2/1999	Wo	ork Type:	Surface Treatm	ent - Slui	ry Seal		Code:	ST-SS		Is Major M	&R: False
Work Date:	9/1/2006	Wo	ork Type:	Crack Sealing -	AC			Code:	CS-AC		Is Major M	&R: False
Last Insp. Da	te: 8/1/202	24	T	otalSamples:	2		Surv	eyed:	2			
Conditions:	PCI: 2			-								
Inspection Co	omments:											
Sample Numb	ber: 01	Тур	e: R		Area:		4191.00 SqFt		PCI:	29		
Sample Comr	ments:											
Distress	Description	l.	Severity	Quantity	7	Density	Deduct	Comn	nents			
41 ALLIC	GATOR CR		M	408.00	SqFt	9.7	55.9					
48 L & T	CR		L	39.00	Ft	0.9	4.8					
48 L & T	CR		M	298.00	Ft	7.1	30.9					
48 L & T	CR		M	108.00	Ft	2.6	18.0					
50 PATCI	HING		M	132.00	SqFt	3.1	15.4					
57 WEAT	THERING		L	4191.00	SqFt	100.0	6.0					
Sample Numb	ber: 02	Тур	e: R		Area:		3727.00 SqFt		PCI:	22		
Sample Comr	ments:											
Distress 1	Description		Severity	Quantity	V	Density	Deduct	Comn	nents			
41 ALLIC	GATOR CR		M	420.00	SqFt	11.3	57.8					
45 DEPRI	ESSION		L	80.00	SqFt	2.1	11.8					
48 L & T	CR		M	320.00	Ft	8.6	33.9					
50 PATCI	HING		M	170.00	SqFt	4.6	18.6					
57 WEAT	THERING		L	3727.00	SqFt	100.0	6.0					

Netwo	ork: Prospect		Nai	ne:	Prospect State				
Branc	ch: R02PO	Name:	Runway 2/20	Prospect	Use	: RUNW	VAY Are	a: 201,750 SqF	į
Section	on: 01	of 1	From: Runwa	y 02 End		To:	Runway 20 En	d Last Con	st.: 9/1/1995
Surfa	ce: AAC	Family: 2024_Region2 5_Runway_A		ie: 64	S	Cat	tegory: J	Rank: P	
Area:	201,75	50 SqFt Length:	4,035		Width:		50 Ft		
Slabs		Slab Length:	Ft	Slab Wid		Ft		Joint Length:	Ft
Shoul	der: on Comments:	Street Type:		Grade:	0			Lanes: 0	
						G 1 B			
Work	Date: 9/1/1962	Work Type: Base	Course - Aggrega	te		Code: BA		Is Major M&R: Fals	e
	Date: 9/1/1962	Work Type: Surf		•		Code: SU		Is Major M&R: True	
work	Date: 9/1/1970	Work Type: Surf	ace Treatment - Cn	ıp		Code: ST		Is Major M&R: True	;
Work	Date: 9/1/1988	Work Type: Over	rlay - AC Thin			Code: OI	L-AT	Is Major M&R: True	:
Work	Date: 9/1/1995	Work Type: Over	rlay - AC Thin			Code: OI	L-AT	Is Major M&R: True	;
Work	Date: 9/1/1999	Work Type: Surf	ace Treatment - Slu	ırry Seal		Code: ST	Γ-SS	Is Major M&R: Fals	e
Work	Date: 9/1/1999	Work Type: Crac	k Sealing - AC			Code: CS	S-AC	Is Major M&R: Fals	e
Work	Date: 9/1/2001	Work Type: Crac	k Sealing - AC			Code: CS	S-AC	Is Major M&R: Fals	e
Work	Date: 9/1/2006	Work Type: Crac	k Sealing - AC			Code: CS	S-AC	Is Major M&R: Fals	e
Last I	nsp. Date: 8/1/2024	TotalS	Samples: 40		Surve	eyed: 6			
Condi	itions: PCI: 55								
Inspe	ction Comments:								
Samp	le Number: 01	Type: R	Area:		5000.00 SqFt		PCI: 61		
Samp	le Comments:								
Distres	s Description	Severity	Quantity	Density	Deduct	Comments	8		
41	ALLIGATOR CR	M	6.00 SqFt	0.1	11.5				
48	L & T CR	L	30.00 Ft	0.6	4.2				
48	L & T CR	M	110.00 Ft	2.2	16.5				
50	PATCHING	M	380.00 SqFt	7.6	24.1				
57	WEATHERING	L	5000.00 SqFt	100.0	6.0				
-	le Number: 08	Type: R	Area:		5000.00 SqFt		PCI: 61		
Distres	s Description	Severity	Quantity	Density	Deduct	Comments	5		
48	L & T CR	L	26.00 Ft	0.5	4.1				
48	L & T CR	L	98.00 Ft	2.0	7.3				
48	L & T CR	M	113.00 Ft	2.3	16.7				
48	L & T CR	M	100.00 Ft	2.0	15.7				
50	PATCHING	M	266.00 SqFt	5.3	20.1				
57	WEATHERING	L	5000.00 SqFt	100.0	6.0				
Samp	le Number: 15	Type: R	Area:		5000.00 SqFt		PCI: 55		
Samp	le Comments:								
Distres	s Description	Severity	Quantity	Density	Deduct	Comments	<u> </u>		
48	L & T CR	L	26.00 Ft	0.5	4.1				
48	L & T CR	M	240.00 Ft	4.8	25.1				

48	L & T CR	M	205.00 Ft	4.1	23.1			
50	PATCHING	M	90.00 SqF	t 1.8	11.8			
57	WEATHERING	L	5000.00 SqF	t 100.0	6.0			
Samp	le Number: 22	Type: R	Area	:	5000.00 SqFt		PCI:	58
Samp	e Comments:							
Distres	s Description	Severity	Quantity	Density	Deduct	Comments		
48	L & T CR	L	54.00 Ft	1.1	5.1			
48	L & T CR	M	114.00 Ft	2.3	16.8			
48	L & T CR	M	221.00 Ft	4.4	24.0			
50	PATCHING	M	208.00 SqF	t 4.2	17.8			
57	WEATHERING	L	5000.00 SqF	ft 100.0	6.0			
Samp	e Number: 29	Type: R	Area	:	5000.00 SqFt		PCI:	41
Samp	e Comments:							
Distres	s Description	Severity	Quantity	Density	Deduct	Comments		
41	ALLIGATOR CR	М	170.00 SqF	t 3.4	42.5			
41	ALLIGATOR CR	M	12.00 SqF	t 0.2	16.9			
48	L & T CR	L	12.00 Ft	0.2	3.3			
48	L & T CR	M	234.00 Ft	4.7	24.8			
48	L & T CR	M	113.00 Ft	2.3	16.7			
50	PATCHING	M	136.00 SqF	t 2.7	14.4			
57	WEATHERING	L	5000.00 SqF	t 100.0	6.0			
Samp	e Number: 36	Type: R	Area	:	5000.00 SqFt		PCI:	57
Samp	e Comments:							
Distres	s Description	Severity	Quantity	Density	Deduct	Comments		
48	L & T CR	M	178.00 Ft	3.6	21.4			
48	L & T CR	M	228.00 Ft	4.6	24.5			
50	PATCHING	M	148.00 SqF	t 3.0	15.0			
57	WEATHERING	L	5000.00 SqF	t 100.0	6.0			

Network:	Prospect					Nan	ne:	Prospect State	9							
Branch:	T01PO		N	ame:	Taxiwa	ay 01 P	rospect	Us	e: TA	AXIWA	.Y	Area:		1,047	SqFt	
Section: (01	C	of 1	Fr	om:	Runwa	y 2/20			To:	Apron 02			Last	Const.:	8/1/2001
Surface: A	AC	Family:		Region2_0kiway_AC	Cat	Zon	e: 64	S		Catego	ory: J			Ran	k: P	
Area:	1,0	047 SqFt]	Length:		25 F	t	Width:			35 Ft					
Slabs:		Slab Le	ngth:		Ft		Slab Wic	lth:		Ft		Joint	Length:		F	t
Shoulder:		Street T	ype:				Grade:	0				Lanes	s: 0			
Section Con	nments:															
Work Date:	9/1/1962	W	ork Ty	pe: Base C	ourse - A	ggregat	e		Code:	BA-A	.G	Is	Major I	M&R:	False	
Work Date:	8/1/2001	W	ork Typ	pe: New C	onstructio	on - AC			Code:	NC-A	.С	Is	Major I	M&R:	True	
Work Date:	9/1/2006	W	ork Typ	pe: Crack	Sealing	AC			Code:	CS-A	С	Is	Major I	M&R:	False	
Work Date:	9/2/2006	W	ork Typ	pe: Surface	e Treatme	nt - Slu	rry Seal		Code:	ST-S	S	Is	Major I	M&R:	False	
Work Date:	6/1/2011	W	ork Typ	pe: Crack	Sealing -	AC			Code:	CS-A	C	Is	Major I	M&R:	False	
Last Insp. D	Date: 8/1/202	4		TotalSar	nples:	1		Surv	eyed:	1						
Conditions:	PCI: 28															
Inspection (Comments:															
Sample Nun	nber: 01	Ту	pe:	R	A	rea:		1047.00 SqFt		P	CI: 28					
Sample Con	nments:															
Distress	Description		Sever	rity	Quantity		Density	Deduct	Comm	ents						
41 ALL	IGATOR CR		M		12.00	SqFt	1.1	30.5								
48 L&	T CR		M		234.00	Ft	22.3	51.0								
50 PAT	CHING		M		136.00	SaEt	13.0	31.2								

57 WEATHERING L 1047.00 SqFt 100.0 6.0

Network:	Prospect				Nai	me:	Prosp	ect State				
Branch:	T02PO		Name:	Ta	xiway 02 I	rospect		Use	: TAXIW	AY	Area:	1,393 SqFt
Section: (01	C	of 1	From:	Runwa	y 2/20			To:	Apron 02		Last Const.: 9/1/1999
Surface: S	ST	Family:	2024_Regio 5_Taxiway_		Zoi	ne: 6	4S		Cate	gory: J		Rank: P
Area:		1,393 SqFt	Lengtl	h:	25	Ft		Width:		45 Ft		
Slabs:		Slab Lei	ngth:		Ft	Slab W	idth:		Ft		Joint Length:	Ft
Shoulder:		Street T	ype:			Grade:	0				Lanes: 0	
Section Con	nments:											
Work Date:	: 9/1/1962	W	ork Type: Ba	ise Course	- Aggrega	te			Code: BA	·AG	Is Major N	M&R: False
Work Date:	: 9/1/1999	W	ork Type: Su	rface Cou	rse - BST				Code: SU-	SB	Is Major I	M&R: True
Last Insp. D	Date: 8/1/2	2024	Tota	lSamples	: 1			Surve	yed: 1			
Conditions:	PCI:	0										
Inspection (Comments:											
Sample Nur	mber: 01	Ty	pe: R		Area:		1393.	00 SqFt		PCI: 0		
Sample Cor	mments:											
istress	Description	on	Severity	Quan	tity	Density	Do	educt	Comments			
41 ALL	IGATOR C	R	Н	1393	.00 SqFt	100.0	1	00.0				

6.0

1393.00 SqFt 100.0

L

WEATHERING

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APPENDIX F

Work History Report

Work History Report

Page 1 of 3

Pavement Database: ODAV_2024_12-24-24_10am_AMC

Network:	Prospect S	tate Branch: A01PC) Apron	01 Prospect	Section:	01	Surface:AC
L.C.D. 9/1/19	988 U	se: APRON Rank: P I	ength: 200	0.00 (Ft) Wi	dth: 70.0	0 (Ft) True Area:	9268 (SqFt)
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comr	nents
9/1/2006	CS-AC	Crack Sealing - AC	0.00	0.00			
9/1/2001	CS-AC	Crack Sealing - AC	0.00	0.10		circa 2001	
9/1/1999	CS-AC	Crack Sealing - AC	0.00	0.10			
9/1/1999	ST-SS	Surface Treatment - Slurry Seal	0.00	0.50			
9/1/1988	OL-AT	Overlay - AC Thin	0.00	1.00			
8/1/1988	NC-IN	New Construction - Initial	0.00	0.00			
9/1/1962	SU-SB	Surface Course - BST	0.00	0.75	~		
9/1/1962	BA-AG	Base Course - Aggregate	0.00	6.00			
Network:	Prospect S	tate Branch: A02PC) Apron	02 Prospect	Section:	01	Surface:AC
L.C.D. 8/1/20	L.C.D. 8/1/2001 Use: APRON Rank: I		ength: 635	5.00 (Ft) Wi	dth: 115.0	0 (Ft) True Area:	64225 (SqFt)
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comr	nents
6/2/2011	PA-AD	Patching - AC Deep	0.00	0.00		PMP 2011	
6/1/2011	CS-AC	Crack Sealing - AC	0.00	0.00		PMP 2011	
9/2/2006	ST-SS	Surface Treatment - Slurry Seal	0.00	0.00			
9/1/2006	CS-AC	Crack Sealing - AC	0.00	0.00			
8/1/2001	NC-AC	New Construction - AC	0.00	2.00			
9/1/1962	BA-AG	Base Course - Aggregate	0.00	0.00		Existing gravel apro	on
Network:	Prospect S	tate Branch: A03PC) Apron	03 Prospect	Section:	01	Surface:ST
Network: L.C.D. 1/1/19	_		=	03 Prospect		01 0 (Ft) True Area:	Surface:ST 7918 (SqFt)
	_		_	_			7918 (SqFt)
L.C.D. 1/1/19	988 U	se: APRON Rank: P I	ength: 200	.00 (Ft) Wid	dth: 60.0 Major	0 (Ft) True Area:	7918 (SqFt)
L.C.D. 1/1/19 Work Date	988 U Work Code	se: APRON Rank: P I Work Description	cength: 200	0.00 (Ft) Wid Thickness (in)	dth: 60.0 Major	0 (Ft) True Area:	7918 (SqFt)
L.C.D. 1/1/19 Work Date 9/1/2006	988 Us Work Code CS-AC	work Description Crack Sealing - AC	Cost 0.00	Thickness (in)	dth: 60.0 Major	0 (Ft) True Area:	7918 (SqFt)
Work Date 9/1/2006 9/2/1999	988 U Work Code CS-AC ST-SS	Work Description Crack Sealing - AC Surface Treatment - Slurry Seal	Cost 0.00 0.00	0.00 (Ft) Wid Thickness (in) 0.00 0.50	dth: 60.0 Major	0 (Ft) True Area:	7918 (SqFt)
Work Date 9/1/2006 9/2/1999 9/1/1999	Work Code CS-AC ST-SS CS-AC	Work Description Crack Sealing - AC Surface Treatment - Slurry Seal Crack Sealing - AC	Cost 0.00 0.00 0.00	0.00 (Ft) Wind Thickness (in) 0.00 0.50 0.10	Major M&R	0 (Ft) True Area:	7918 (SqFt)
Work Date 9/1/2006 9/2/1999 9/1/1999 1/1/1988	988 US Work Code CS-AC ST-SS CS-AC NC-IN	Work Description Crack Sealing - AC Surface Treatment - Slurry Seal Crack Sealing - AC New Construction - Initial	Cost 0.00 0.00 0.00 0.00 0.00	0.00 (Ft) Wid Thickness (in) 0.00 0.50 0.10 0.00	Major M&R	0 (Ft) True Area:	7918 (SqFt)
Work Date 9/1/2006 9/2/1999 9/1/1999 1/1/1988 9/2/1962 9/1/1962	Work Code CS-AC ST-SS CS-AC NC-IN SU-SB BA-AG	Work Description Crack Sealing - AC Surface Treatment - Slurry Seal Crack Sealing - AC New Construction - Initial Surface Course - BST Base Course - Aggregate	Cost 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 (Ft) Windows (in)	dth: 60.0 Major M&R	0 (Ft) True Area:	7918 (SqFt)
Work Date 9/1/2006 9/2/1999 9/1/1999 1/1/1988 9/2/1962 9/1/1962 Network:	Work Code CS-AC ST-SS CS-AC NC-IN SU-SB BA-AG	Work Description Crack Sealing - AC Surface Treatment - Slurry Seal Crack Sealing - AC New Construction - Initial Surface Course - BST Base Course - Aggregate tate Branch: R02PC	Cost 0.00 0.00 0.00 0.00 0.00 0.00 0.00 Runwa	0.00 (Ft) Wind Thickness (in) 0.00 0.50 0.10 0.075 6.00 0.75	Major M&R	O (Ft) True Area: Comm	7918 (SqFt) ments Surface:AAC
Work Date 9/1/2006 9/2/1999 9/1/1999 1/1/1988 9/2/1962 9/1/1962	Work Code CS-AC ST-SS CS-AC NC-IN SU-SB BA-AG Prospect S	Work Description Crack Sealing - AC Surface Treatment - Slurry Seal Crack Sealing - AC New Construction - Initial Surface Course - BST Base Course - Aggregate tate Branch: R02PC	Cost 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 (Ft) Wind Thickness (in) 0.00 0.50 0.10 0.00 0.75 6.00 0.00 0.75 6.00 0.00 0.75 0.00 (Ft) Wind Thickness (in) 0.00 0.75 0.00 (Ft) Wind Thickness (in) 0.00 0.00 0.75 0.00 (Ft) Wind Thickness (in) 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Major M&R	0 (Ft) True Area:	7918 (SqFt)
Work Date 9/1/2006 9/2/1999 9/1/1999 1/1/1988 9/2/1962 9/1/1962 Network:	Work Code CS-AC ST-SS CS-AC NC-IN SU-SB BA-AG	Work Description Crack Sealing - AC Surface Treatment - Slurry Seal Crack Sealing - AC New Construction - Initial Surface Course - BST Base Course - Aggregate tate Branch: R02PC	Cost 0.00 0.00 0.00 0.00 0.00 0.00 0.00 Runwa	0.00 (Ft) Wind Thickness (in) 0.00 0.50 0.10 0.075 6.00 0.75	Major M&R	O (Ft) True Area: Comm	7918 (SqFt) nents Surface: AAC 201750 (SqFt)
Work Date 9/1/2006 9/2/1999 9/1/1988 9/2/1962 9/1/1962 Network: L.C.D. 9/1/19	Work Code CS-AC ST-SS CS-AC NC-IN SU-SB BA-AG Prospect S 995 U Work	Work Description Crack Sealing - AC Surface Treatment - Slurry Seal Crack Sealing - AC New Construction - Initial Surface Course - BST Base Course - Aggregate tate Branch: R02PC se: RUNWAY Rank: P	Cost 0.00 0.00 0.00 0.00 0.00 0.00 0.00 Runwa ength: 4,035	0.00 (Ft) Wind Thickness (in) 0.00 0.50 0.10 0.00 0.75 6.00 0.00 0.75 6.00 Thickness	Major M&R Major M&R Section: dth: 50.0 Major	0 (Ft) True Area: Common of the common of t	7918 (SqFt) nents Surface: AAC 201750 (SqFt)
Work Date 9/1/2006 9/2/1999 9/1/1999 1/1/1988 9/2/1962 9/1/1962 Network: L.C.D. 9/1/19 Work Date	Work Code CS-AC ST-SS CS-AC NC-IN SU-SB BA-AG Prospect S 995 U Work Code	Work Description Crack Sealing - AC Surface Treatment - Slurry Seal Crack Sealing - AC New Construction - Initial Surface Course - BST Base Course - Aggregate tate Branch: R02PC se: RUNWAY Rank: P Work Description	Cost 0.00 0.00 0.00 0.00 0.00 0.00 0.00 Runwa ength: 4,035 Cost	0.00 (Ft) Wind Thickness (in) 0.00 0.50 0.10 0.00 0.75 6.00 0.00 0.75 6.00 Thickness (in)	Major M&R Major M&R Section: dth: 50.0 Major	0 (Ft) True Area: Common of the common of t	7918 (SqFt) nents Surface: AAC 201750 (SqFt)
Work Date 9/1/2006 9/2/1999 9/1/1999 1/1/1988 9/2/1962 9/1/1962 Network: L.C.D. 9/1/19 Work Date 9/1/2006	Work Code CS-AC ST-SS CS-AC NC-IN SU-SB BA-AG Prospect S 995 Work Code CS-AC	Work Description Crack Sealing - AC Surface Treatment - Slurry Seal Crack Sealing - AC New Construction - Initial Surface Course - BST Base Course - Aggregate tate Branch: R02PC se: RUNWAY Rank: P I Work Description Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC	Cost 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	0.00 (Ft) Wide Thickness (in) 0.00 0.50 0.10 0.00 0.75 6.00 0.00 (Ft) Wide Thickness (in) 0.00 0.00	Major M&R Major M&R Section: dth: 50.0 Major	0 (Ft) True Area: Common of the Common of t	7918 (SqFt) nents Surface: AAC 201750 (SqFt)
Work Date 9/1/2006 9/2/1999 9/1/1988 9/2/1962 9/1/1962 Network: L.C.D. 9/1/19 Work Date 9/1/2006 9/1/2001	988 U: Work Code CS-AC ST-SS CS-AC NC-IN SU-SB BA-AG Prospect S 995 U: Work Code CS-AC	Work Description Crack Sealing - AC Surface Treatment - Slurry Seal Crack Sealing - AC New Construction - Initial Surface Course - BST Base Course - Aggregate tate Branch: R02PC se: RUNWAY Rank: P I Work Description Crack Sealing - AC Crack Sealing - AC	Cost 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	0.00 (Ft) Wind Thickness (in) 0.00 0.50 0.10 0.00 0.75 6.00 0.00 (Ft) Wind Thickness (in) 0.00 0.10 0.10	Major M&R Major M&R Section: dth: 50.0 Major	0 (Ft) True Area: Common of the Common of t	7918 (SqFt) nents Surface: AAC 201750 (SqFt)
Work Date 9/1/2006 9/2/1999 9/1/1988 9/2/1962 9/1/1962 Network: L.C.D. 9/1/19 Work Date 9/1/2006 9/1/2001 9/1/1999 9/1/1999 9/1/1995	Work Code CS-AC ST-SS CS-AC NC-IN SU-SB BA-AG Prospect S 995 Work Code CS-AC CS-AC CS-AC	Work Description Crack Sealing - AC Surface Treatment - Slurry Seal Crack Sealing - AC New Construction - Initial Surface Course - BST Base Course - Aggregate tate Branch: R02PC se: RUNWAY Rank: P I Work Description Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC	Cost 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	0.00 (Ft) Wind Thickness (in) 0.00 0.50 0.10 0.00 0.75 6.00 0.00 (Ft) Wind Thickness (in) 0.00 0.10 0.10 0.50	Major M&R Major M&R Section: dth: 50.0 Major	0 (Ft) True Area: Common of the Common of t	7918 (SqFt) nents Surface: AAC 201750 (SqFt)
Work Date 9/1/2006 9/2/1999 9/1/1988 9/2/1962 9/1/1962 Network: L.C.D. 9/1/19 Work Date 9/1/2006 9/1/2001 9/1/1999 9/1/1999	Work Code CS-AC ST-SS CS-AC NC-IN SU-SB BA-AG Prospect S 995 Work Code CS-AC CS-AC CS-AC ST-SS	Work Description Crack Sealing - AC Surface Treatment - Slurry Seal Crack Sealing - AC New Construction - Initial Surface Course - BST Base Course - Aggregate tate Branch: R02PC se: RUNWAY Rank: P I Work Description Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC Surface Treatment - Slurry Seal Overlay - AC Thin Overlay - AC Thin	Cost 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	0.00 (Ft) Wid Thickness (in) 0.00 0.50 0.10 0.00 0.75 6.00 ay 2/20 Pros 0.00 (Ft) Wid Thickness (in) 0.00 0.10 0.10 0.10 0.10	Section: dth: 50.0 Major M&R Section: dth: 50.0	0 (Ft) True Area: Common of the Common of t	7918 (SqFt) nents Surface: AAC 201750 (SqFt)
Work Date 9/1/2006 9/2/1999 9/1/1988 9/2/1962 9/1/1962 Network: L.C.D. 9/1/19 Work Date 9/1/2006 9/1/2001 9/1/1999 9/1/1999 9/1/1995	Work Code CS-AC ST-SS CS-AC NC-IN SU-SB BA-AG Prospect S 995 Work Code CS-AC CS-AC CS-AC CS-AC CS-AC CS-AC CS-AC	Work Description Crack Sealing - AC Surface Treatment - Slurry Seal Crack Sealing - AC New Construction - Initial Surface Course - BST Base Course - Aggregate tate Branch: R02PC se: RUNWAY Rank: P I Work Description Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC Surface Treatment - Slurry Seal Overlay - AC Thin	Cost 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	0.00 (Ft) Wide Thickness (in) 0.00 0.50 0.10 0.00 0.75 6.00 0.00 (Ft) Wide Thickness (in) 0.00 0.10 0.10 0.50 1.00 0.50 1.00	Section: dth: 50.0 Major M&R Section: dth: 50.0 Major M&R Section:	0 (Ft) True Area: Common of the Common of t	7918 (SqFt) nents Surface: AAC 201750 (SqFt)
Work Date 9/1/2006 9/2/1999 9/1/1988 9/2/1962 9/1/1962 Network: L.C.D. 9/1/19 Work Date 9/1/2006 9/1/2001 9/1/1999 9/1/1999 9/1/1988	Work Code CS-AC ST-SS CS-AC NC-IN SU-SB BA-AG Prospect S 995 U Work Code CS-AC CS-AC CS-AC CS-AC CS-AC CS-AC OL-AT OL-AT	Work Description Crack Sealing - AC Surface Treatment - Slurry Seal Crack Sealing - AC New Construction - Initial Surface Course - BST Base Course - Aggregate tate Branch: R02PC se: RUNWAY Rank: P I Work Description Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC Surface Treatment - Slurry Seal Overlay - AC Thin Overlay - AC Thin	Cost 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	0.00 (Ft) Win Thickness (in) 0.00 0.50 0.10 0.00 0.75 6.00 ay 2/20 Pros 0.00 (Ft) Win Thickness (in) 0.00 0.10 0.10 0.10 0.10 0.50 1.00 1.0	Section: dth: 50.0 Major M&R Section: dth: 50.0 Major M&R Section:	0 (Ft) True Area: Common of the Common of t	7918 (SqFt) nents Surface: AAC 201750 (SqFt)

Pavement Management System PAVER 7.0 TM

9/1/1962

BA-AG

Base Course - Aggregate

Work History Report

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Pavement Database: ODAV_2024_12-24-24_10am_AMC

Network:	Prospect S	tate Branch: T01PO	Taxiwa	ay 01 Prospe	Section:	01 Surfa	ce:AC	
L.C.D. 8/1/2	001 Us	se: TAXIWAY Rank: P L	ength: 25	.00 (Ft) Wi	dth: 35.0	0 (Ft) True Area:	1047 (SqFt)	
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments		
6/1/2011	CS-AC	Crack Sealing - AC	0.00	0.00		PMP 2011		
9/2/2006	ST-SS	Surface Treatment - Slurry Seal	0.00	0.00				
9/1/2006	CS-AC	Crack Sealing - AC	0.00	0.00				
8/1/2001	NC-AC	New Construction - AC	0.00	2.00				
9/1/1962	BA-AG	Base Course - Aggregate	0.00	0.00		Existing gravel apron		
	Network: Prospect State Branch: T02PO Taxiway 02 Prospe Section: 01 Surface:ST L.C.D. 9/1/1999 Use: TAXIWAY Rank: P Length: 25.00 (Ft) Width: 45.00 (Ft) True Area: 1393 (Sq.							
Work Date	Work Date Work Code Work Description		Cost	Thickness Major (in) M&R		Comments		
9/1/1999	SU-SB	Surface Course - BST	0.00	0.00	V	Slurry seal on existing grav	vel	

0.00

0.00

Existing gravel apron

Pavement Management System PAVER 7.0 TM

Work History Report

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Pavement Database: ODAV_2024_12-24-24_10am_AMC

Summary:

Work Description	Section Count	Area Total (SqFt)	Thickness Avg (in)	Thickness STD (in)
Base Course - Aggregate	6	285,601.00	3.00	3.00
Crack Sealing - AC	12	779,434.01	0.04	0.05
New Construction - AC	2	65,272.00	2.00	0.00
New Construction - Initial	2	17,186.00	0.00	0.00
Overlay - AC Thin	3	412,768.00	1.00	0.00
Patching - AC Deep	1	64,225.00	0.00	0.00
Surface Course - BST	4	220,329.00	0.56	0.32
Surface Treatment - Chip	1	201,750.00	0.00	0.00
Surface Treatment - Slurry Seal	5	284,208.00	0.30	0.24

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