2024 ODAV Pavement Evaluation Program Creswell Hobby Field Airport

Creswell, Oregon

February 18, 2025
(REVISED)

Prepared for

Oregon Department of Aviation
3040 25th Street SE
Salem, OR 97303-1125

Prepared by

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

TABLE OF CONTENTS

TABLES

FIGURES

APPENDICES

Appendix A: Pavement Inventory Report and Maps
Appendix B: Pavement Condition Index Survey Results
Appendix C: Future Pavement Condition Analysis
Appendix D: Unit Cost Data and Maintenance and Rehabilitation Plan
Appendix E: Reinspection Report
Appendix F: Work History Report

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 Creswell Hobby Field Airport in Creswell, 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 Creswell Hobby Field 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. The 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

Creswell Hobby Field Airport is located in Creswell, Oregon, and is owned and operated by the City of Creswell. The airport consists of one runway, one parallel taxiway, and multiple connector taxiways, taxilanes, and aprons that serve a variety of general aviation aircraft. The general location of the airport is shown on the Creswell Hobby Field Airport Location Map, Figure 2.1, below.

Figure 2.1: CRESWELL HOBBY FIELD AIRPORT LOCATION MAP

The airside pavements at the Creswell Hobby Field Airport comprised of asphalt concrete (AC) and AC overlaid with AC (AAC). The airport pavements, delineated by surface type and branch use, are shown on the Creswell Hobby Field Airport Percent of Pavement Area by Surface Type, Figure 2.2, and on the Creswell Hobby Field 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 Creswell Hobby Field Airport Pavement Inventory, Figure 2.4.

The pavement facilities summarized by branch and section are listed 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.

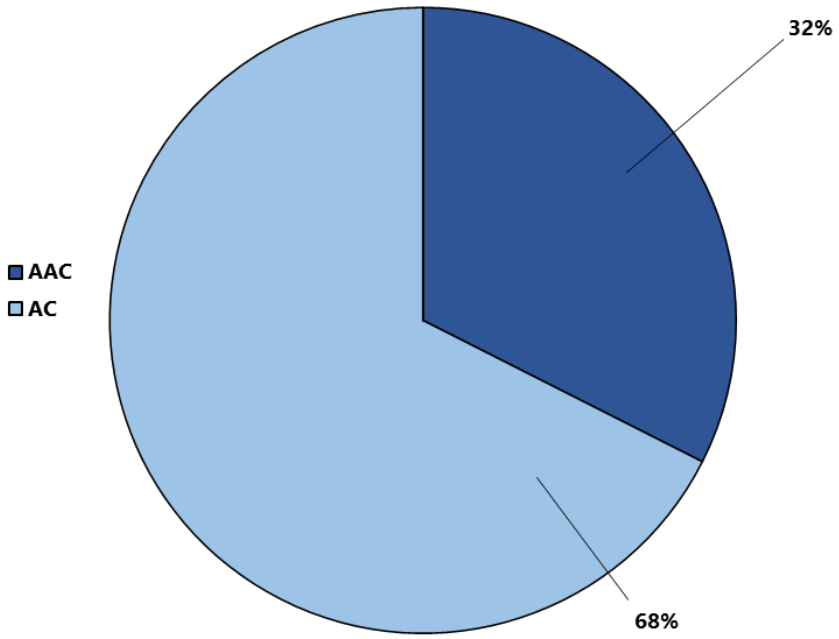


Figure 2.2: CRESWELL HOBBY FIELD AIRPORT PERCENT OF PAVEMENT AREA BY SURFACE TYPE

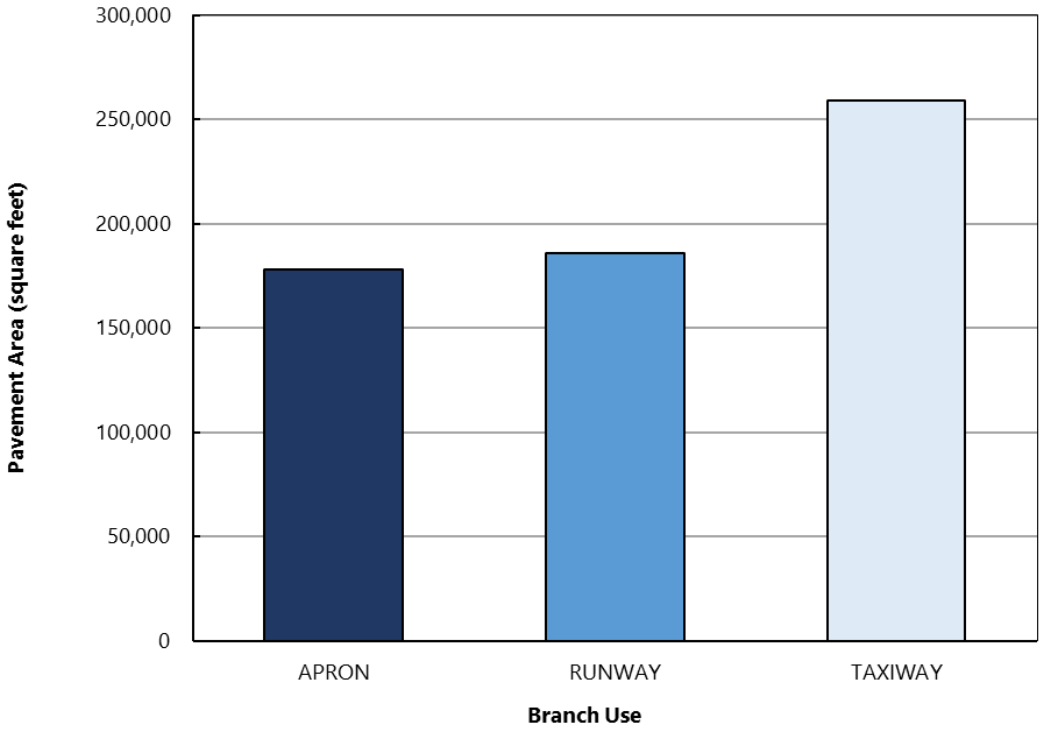
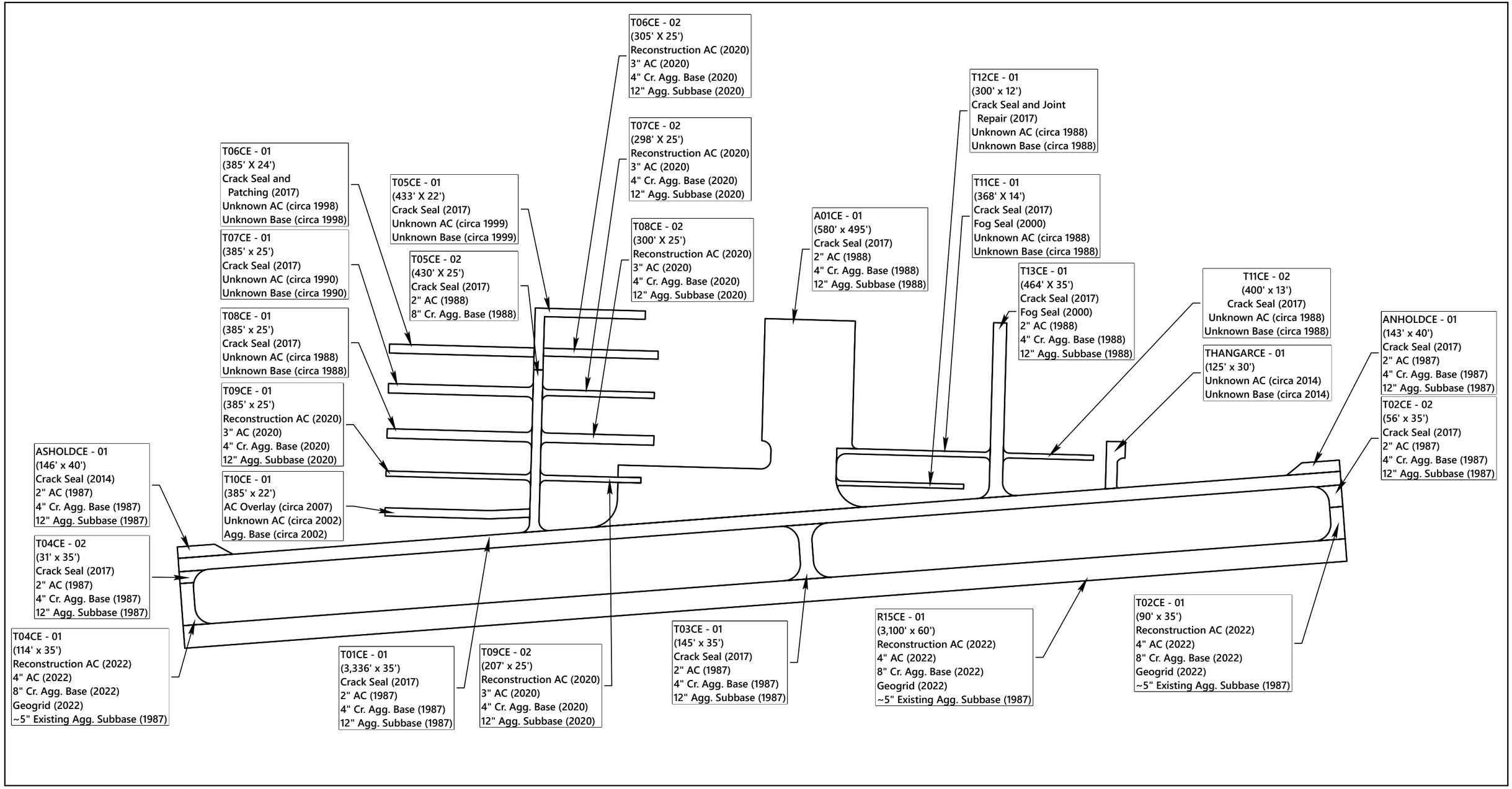


Figure 2.3: CRESWELL HOBBY FIELD AIRPORT PAVEMENT AREA BY BRANCH USE



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

N

0 250 500

1 INCH = 250 FEET

OREGON DEPARTMENT OF AVIATION
STATEWIDE PAVEMENT EVALUATION PROGRAM

PAVEMENT INVENTORY
2024 PCI SURVEY RESULTS

FEB. 2025 JOB NO. 6593-WOC7 FIG. 2.4

3 PAVEMENT CONDITION INSPECTION RESULTS

3.1 Introduction

GRI conducted a visual PCI survey of the airside pavements at Creswell Hobby Field Airport in August 2024. The 2024 survey work was performed on sections last inspected in 2019 in order to update the Creswell Hobby Field Airport inspection data. GRI performed the 2024 PCI survey in accordance with the methods described in FAA Advisory Circular No. 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.

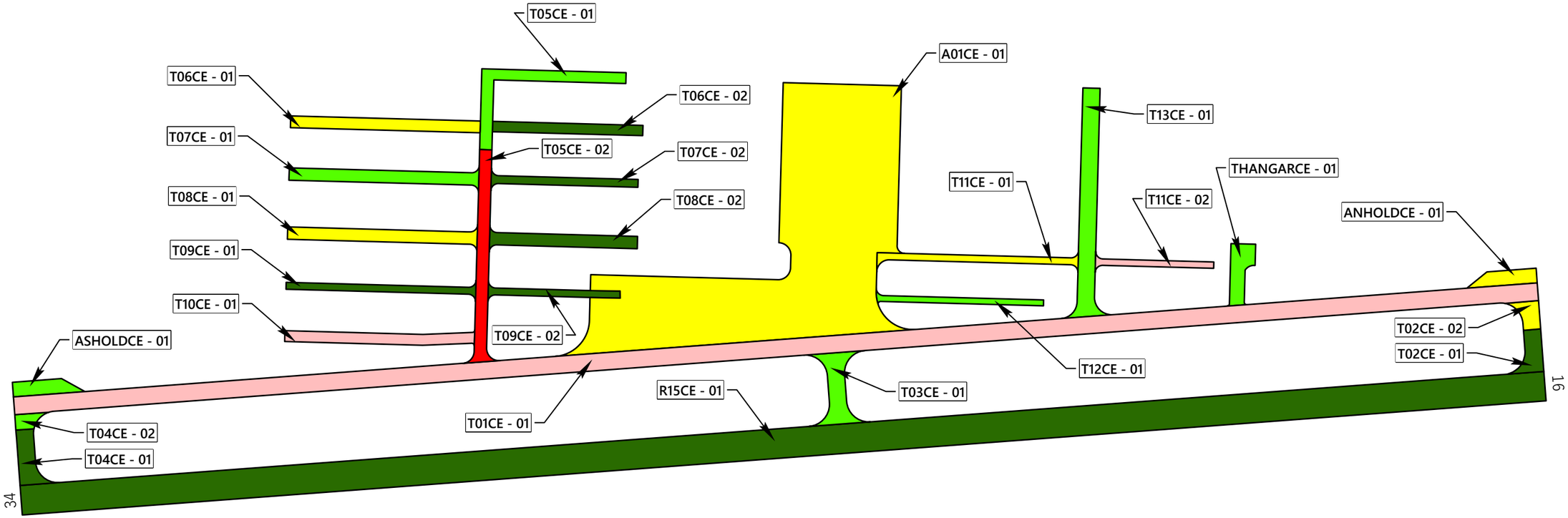
Table 3-1: ASTM PCI RATING SCALE

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 Creswell Hobby Field Airport is approximately 73. The section PCIs ranged from a low of 34 to a high of 94. The primary distresses observed during the inspection were weathering, longitudinal and transverse cracking, fatigue (alligator) cracking, depression, patching, and raveling on AC-surfaced pavements. Section PCIs following our pavement survey are displayed below spatially on the Creswell Hobby Field Airport 2024 PCI Survey Results, Figure 3.1, below.



SECTION PCI

- (86 - 100) GOOD
- (71 - 85) SATISFACTORY
- (56 - 70) FAIR
- (41 - 55) POOR
- (26 - 40) VERY POOR
- (11 - 25) SERIOUS
- (0 - 10) FAILED

N

0 220 440

1 INCH = 220 FEET

OREGON DEPARTMENT OF AVIATION
STATEWIDE PAVEMENT EVALUATION PROGRAM

HOBBY FIELD AIRPORT

2024 PCI SURVEY RESULTS

FEB. 2025 JOB NO. 6593-WOC7 FIG. 3.1

The condition distribution of the network by percent of total pavement area is provided on the Creswell Hobby Field Airport Pavement Condition Rating by Percent of Area, Figure 3.2. The pavement condition results by branch and section are summarized 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 provided in Table 1E in Appendix E.

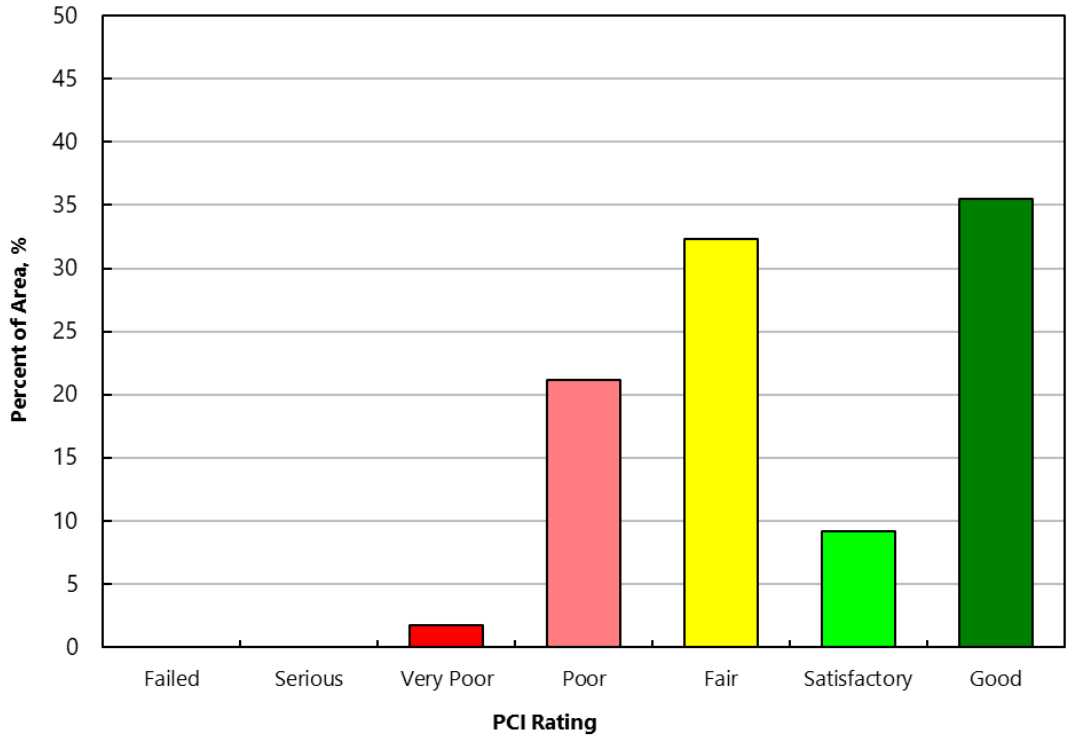


Figure 3.2: CRESWELL HOBBY FIELD AIRPORT PAVEMENT CONDITION RATING BY PERCENT OF AREA

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 Creswell Hobby Field 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 73 to a value of 68 in 2029 and 62 in 2034 if no maintenance or rehabilitation work is performed. The projected pavement condition in 5 years and 10 years for each pavement section at Creswell Hobby Field Airport is displayed spatially on the Creswell Hobby Field 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.

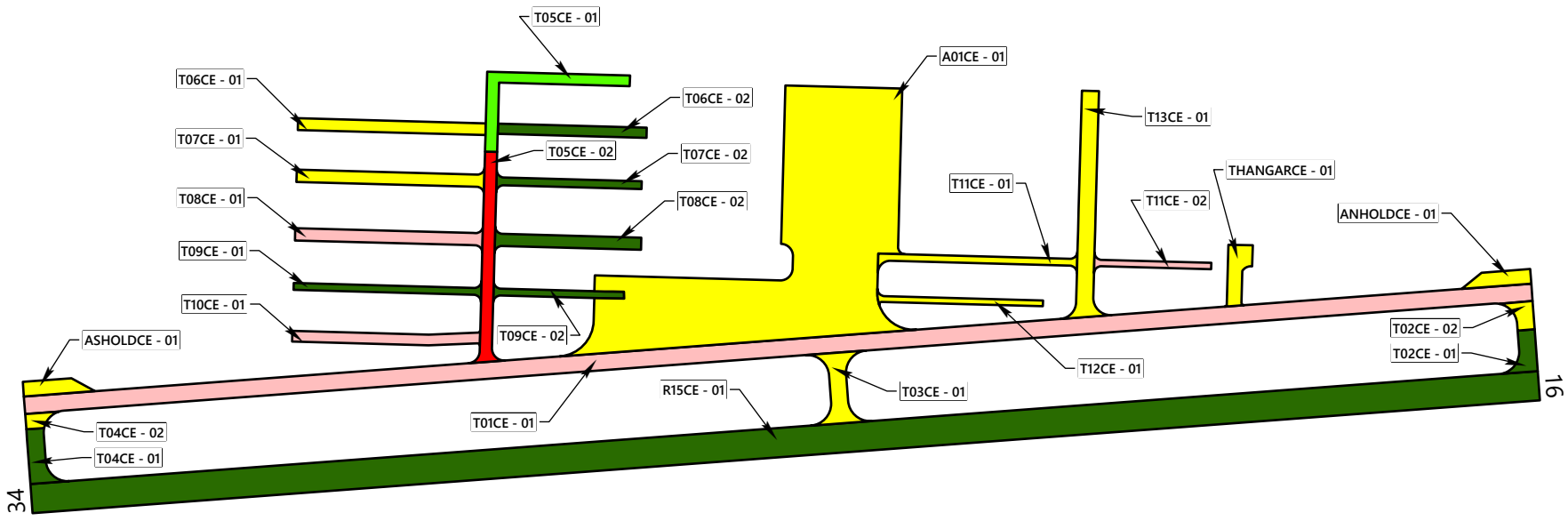
4.3 Functional Remaining Life

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 (FWD) deflection tests.

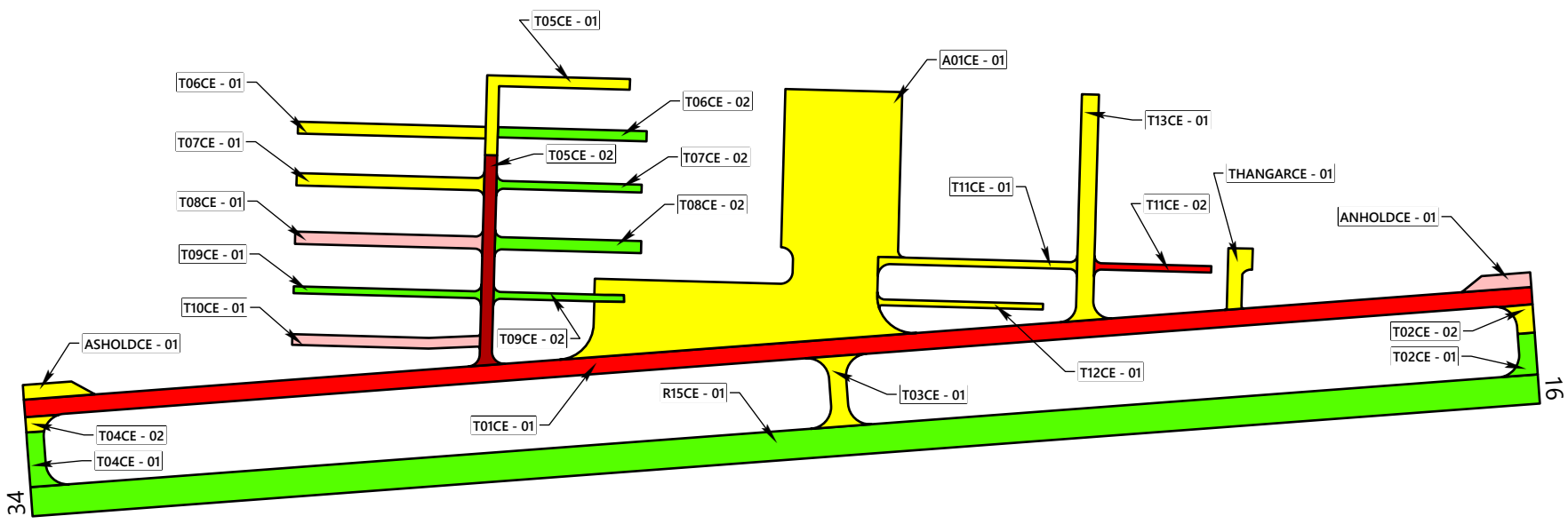
We calculated two forms of functional remaining life based on the current visual condition surveys of the pavement at Creswell Hobby Field Airport. The first type of functional remaining life is the time until rehabilitation, such as an overlay, is needed. The critical PCI, further discussed in Section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

PREDICTED CONDITION IN 2029



PREDICTED CONDITION IN 2034



SECTION PCI

- (86 - 100) GOOD
- (71 - 85) SATISFACTORY
- (56 - 70) FAIR
- (41 - 55) POOR
- (26 - 40) VERY POOR
- (11 - 25) SERIOUS
- (0 - 10) FAILED

N

0 350 700

1 INCH = 350 FEET

GRI

OREGON DEPARTMENT OF AVIATION
STATEWIDE PAVEMENT EVALUATION PROGRAM

HOBBY FIELD AIRPORT
FUTURE PAVEMENT CONDITION

FEB. 2025 JOB NO. 6593-WOC7 FIG. 4.1

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 shown in Table 3D in Appendix D and is independent of the surface treatments, rehabilitation, and reconstruction projects associated with the 5-year surface treatment and rehabilitation work plan. The summary of total localized maintenance quantities are summarized in Table 5-1, below.

Table 5-1: LOCALIZED MAINTENANCE QUANTITIES

Localized Maintenance Operation	Quantity, linear feet or square feet
Asphalt Concrete Crack Sealing	35,763
Asphalt Concrete Full-Depth Patching	2,912

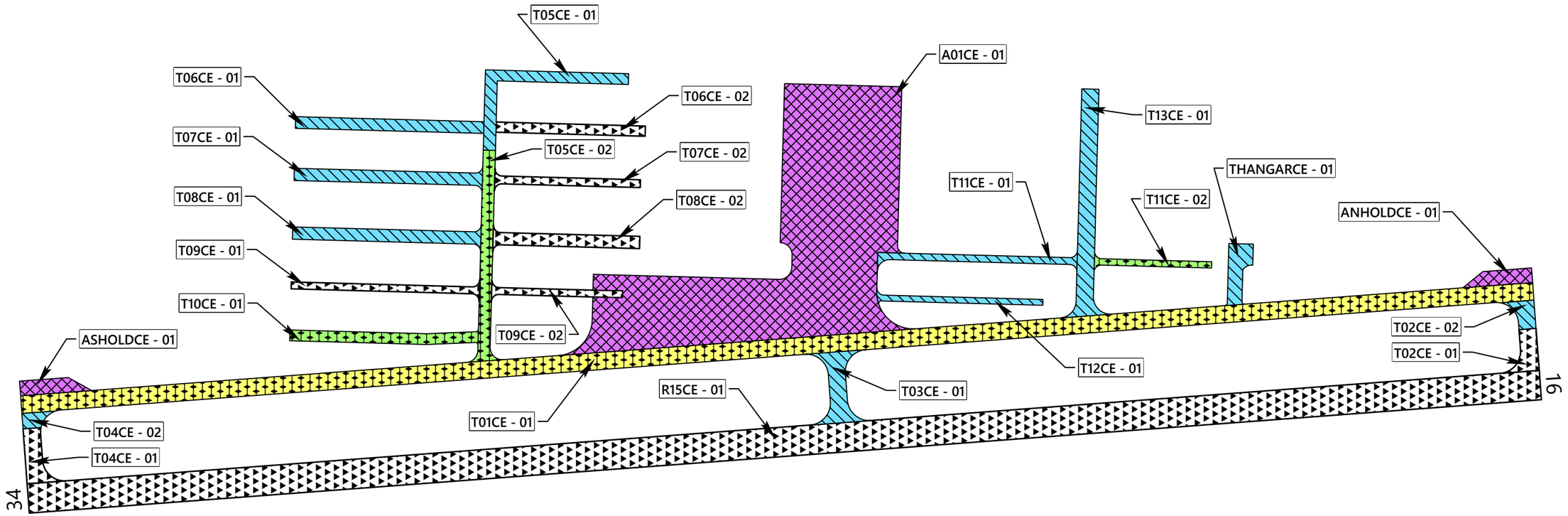
5.3 Surface Treatment, Rehabilitation, and Reconstruction Plan

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	0
Overlay	143,136
Fog Seal	178,041
Slurry Seal	80,887

Maps of the project locations by year are shown on the Creswell Hobby Field 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.



ACTION TIMING

- 2025
- 2026
- 2027
- 2028
- 2029

ACTION

- FOG SEAL
- SLURRY SEAL
- OVERLAY
- RECONSTRUCTION
- ROUTINE MAINTENANCE

N

0 220 440

1 INCH = 220 FEET

GRI

OREGON DEPARTMENT OF AVIATION
STATEWIDE PAVEMENT EVALUATION PROGRAM

HOBBY FIELD AIRPORT

5-YEAR PAVEMENT MANAGEMENT PLAN

FEB. 2025 JOB NO. 6593-WOC 7 FIG. 5.1

6 LIMITATIONS

This report has been prepared to assist ODAV with pavement-related project planning for the Creswell Hobby Field 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 given the understanding that costs at the time of construction 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. In addition to regular surveying and updating of the pavement condition, completed construction activities should be tracked in the PAVER database. If Creswell Hobby Field Airport would like to know more about the results presented in this report, please contact the undersigned.

Submitted for GRI,

RENEWS: 06/2025

Lindsi A. Hammond, PE	Matthew A. Haynes, PE	Ana Coca, PhD
Principal	Project Engineer	Staff Engineer

This document has been submitted electronically.

APPENDIX A

Pavement Inventory Report and Maps

APPENDIX A

PAVEMENT INVENTORY REPORTS AND MAPS

A.1 PAVEMENT NETWORK

Creswell Hobby Field Airport is in Creswell, Oregon, and is owned and operated by the City of Creswell. The pavement network/facilities at Creswell Hobby Field Airport serve a variety of general aviation aircraft. Creswell Hobby Field Airport consists of one runway; one parallel taxiway; and multiple connector taxiways, taxilanes, and aprons. The types of airside pavements include asphalt concrete (AC) and AC overlaid with AC.

The current airport pavement management system (APMS) network at Creswell Hobby Field Airport has an approximate area of 623,342 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 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 Creswell Hobby Field Airport contains 18 branches, information about which is summarized 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 Creswell Hobby Field Airport contains 26 sections that are managed by the City of Creswell, information about which is tabulated in Table 3A and the locations 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," while the surrounding aprons and shoulders are ranked "Secondary," and low-use areas are ranked "Tertiary." The ranks for all sections are provided on Table 1A.

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 to be 5,000 square feet ±2,000 square feet. The delineation of sample units for each section is shown 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:

$$n = \frac{N \times s^2}{\left(e^2/_4\right)(N-1)+s^2} \qquad \text{(Equation 1)}$$

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 Creswell Hobby Field Airport PCI survey, Table 1A was used as a guideline in developing sampling rates for flexible and rigid 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 Creswell Hobby Field 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

Abbreviation: AC = asphalt concrete

Table 2A: CRESWELL HOBBY FIELD PAVEMENT BRANCHES

Facility Designation (Branch ID)	Branch Name	Number of Sections	Approximate Area, square feet
A01CE	Apron 01 Creswell	1	170,706
ANHOLDCE	North Hold Apron Creswell	1	3,645
ASHOLDCE	South Hold Apron Creswell	1	3,690
R15CE	Runway 15/33 Creswell	1	186,000
T01CE	Taxiway 01 Creswell	1	120,388
T02CE	Taxiway 02 Creswell	2	5,860
T03CE	Taxiway 03 Creswell	1	6,813
T04CE	Taxiway Connector 04 Cresswell	2	5,856
T05CE	Taxiway 05 Creswell	2	21,046
T06CE	Taxiway 06 Creswell	2	15,645
T07CE	Taxiway 07 Creswell	2	14,585
T08CE	Taxiway 08 Creswell	2	17,317
T09CE	Taxiway 09 Creswell	2	8,577
T10CE	Taxiway 10 Creswell	1	8,481
T11CE	Taxiway 11 Creswell	2	9,159
T12CE	Taxiway 12 Creswell	1	4,122
T13CE	Taxiway 13 Creswell	1	16,778
THANGARCE	Hangar Taxiway Creswell	1	4,674

Table 3A: CRESWELL HOBBY FIELD CURRENT PAVEMENT INVENTORY

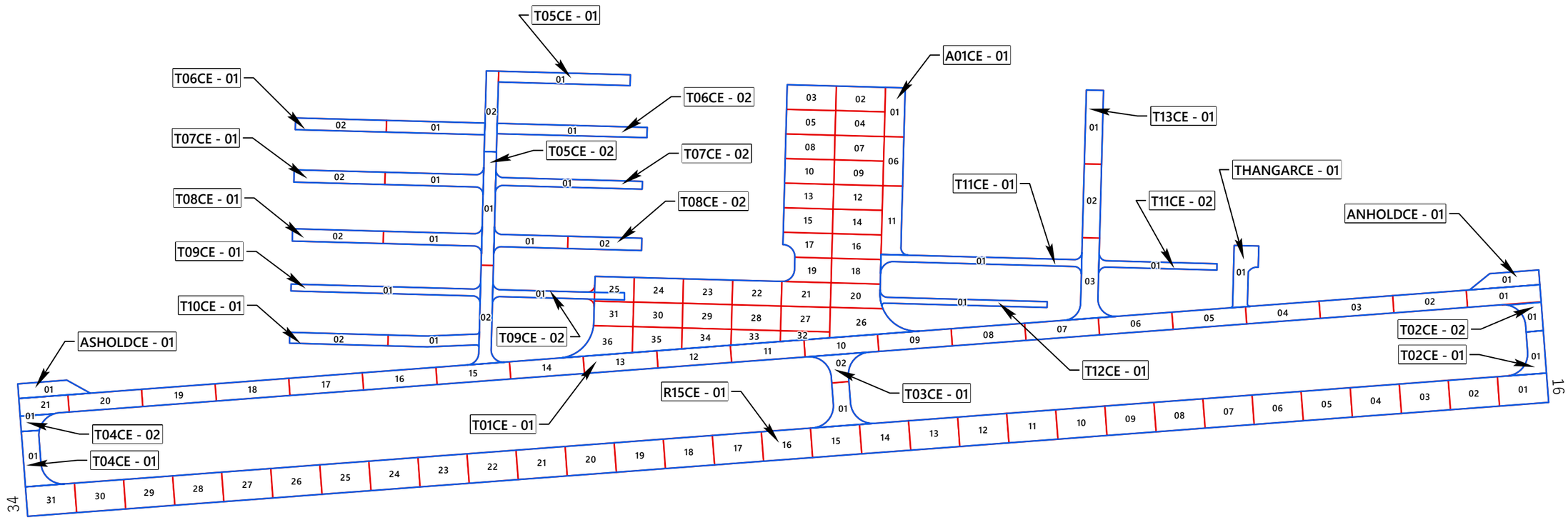
BranchID	Branch Name	Branch Use	SectionID	From	To	Rank	Length, feet	Width, feet	Approximate Area, square feet	LCD	Surface Type
A01CE	Apron 01 Creswell	APRON	01	Taxiway 01	FBO	P	580	495	170,706	9/3/1988	AC
ANHOLDCE	North Hold Apron Creswell	APRON	01	North End of Taxiway 01	West	P	143	40	3,645	9/3/1987	AC
ASHOLDCE	South Hold Apron Creswell	APRON	01	South End of Taxiway 01	West	P	146	40	3,690	9/3/1987	AC
R15CE	Runway 15/33 Creswell	RUNWAY	01	Runway 15 End	R33 End	P	3,100	60	186,000	9/1/2022	AAC
T01CE	Taxiway 01 Creswell	TAXIWAY	01	Runway 15 End	Runway 33 End	P	3,100	35	120,388	9/3/1987	AC
T02CE	Taxiway 02 Creswell	TAXIWAY	01	Runway 15 End	T02CE-02	P	86	35	3,455	9/1/2022	AAC
T02CE	Taxiway 02 Creswell	TAXIWAY	02	T02CE-01	Taxiway 01	P	3,100	35	2,405	9/3/1987	AC
T03CE	Taxiway 03 Creswell	TAXIWAY	01	Runway 15/33	Taxiway 01	P	145	35	6,813	9/3/1987	AC
T04CE	Taxiway Connector 04 Cresswell	TAXIWAY	01	Runway 33	T01CE-02	P	112	35	4,381	9/1/2022	AAC
T04CE	Taxiway Connector 04 Cresswell	TAXIWAY	02	T01CE-01	Taxiway 01	P	31	35	1,475	9/3/1987	AC
T05CE	Taxiway 05 Creswell	TAXIWAY	01	Hangars	T03CE-02	S	433	22	9,996	9/1/1999	AC
T05CE	Taxiway 05 Creswell	TAXIWAY	02	T03CE-01	Taxiway 01	S	430	25	11,050	9/2/1988	AC
T06CE	Taxiway 06 Creswell	TAXIWAY	01	Hangars	Taxiway 03	S	385	24	9,240	9/1/1998	AC
T06CE	Taxiway 06 Creswell	TAXIWAY	02	Taxiway 03	Hangars	S	305	21	6,405	9/1/2020	AC
T07CE	Taxiway 07 Creswell	TAXIWAY	01	Hangars	Taxiway 03	S	385	25	9,721	9/2/1990	AC
T07CE	Taxiway 07 Creswell	TAXIWAY	02	Taxiway 03	Hangars	S	298	16	4,864	9/1/2020	AC
T08CE	Taxiway 08 Creswell	TAXIWAY	01	Hangars	Taxiway 03	S	385	25	9,721	9/2/1988	AC
T08CE	Taxiway 08 Creswell	TAXIWAY	02	Taxiway 03	Hangars	S	300	25	7,596	9/1/2020	AC
T09CE	Taxiway 09 Creswell	TAXIWAY	01	Hangars	Taxiway 03	S	385	14	5,486	9/1/2019	AC
T09CE	Taxiway 09 Creswell	TAXIWAY	02	Taxiway 03	Apron 01	S	207	14	3,091	9/1/2019	AC
T10CE	Taxiway 10 Creswell	TAXIWAY	01	Hangars	Taxiway 03	S	385	22	8,481	9/1/2007	AAC
T11CE	Taxiway 11 Creswell	TAXIWAY	01	Apron 01	Taxiway 11	S	408	14	5,942	9/2/1988	AC
T11CE	Taxiway 11 Creswell	TAXIWAY	02	Taxiway 11	Hangars	S	240	13	3,217	9/2/1988	AC
T12CE	Taxiway 12 Creswell	TAXIWAY	01	Apron 01	Hangars	S	340	12	4,122	9/2/1988	AC
T13CE	Taxiway 13 Creswell	TAXIWAY	01	Hangars	Taxiway 01	S	464	35	16,778	9/1/1988	AC
THANGARCE	Hangar Taxiway Creswell	TAXIWAY	01	Taxiway 01	Hangar	S	125	30	4,674	6/1/2014	AC

Abbreviations:

P = Primary pavement, S = Secondary pavement

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

AC = asphalt concrete, AAC = AC overlaid AC



LEGEND

SECTION

SAMPLE UNIT

N

0 220 440

1 INCH = 220 FEET

GRI

HOBBY FIELD AIRPORT

SAMPLE UNIT LAYOUT

FEB. 2025 JOB NO. 6593-WOC7 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 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 International (ASTM) D5340. Flexible pavement (e.g., asphalt concrete [AC] and AC overlaid with AC) distress types are presented in Table 1B. The pavement condition results by branch and section are summarized in Tables 2B and 3B, 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 previously 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 Creswell Hobby Field Airport pavement network consists of 18 branches and 16 sections. A total of 48 sample units were visually inspected in the field. Data from the inspected sample units were 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 Table 1E in Appendix E. Based on the 2024 PCI survey, the area-weighted average PCI for the entire pavement network at Creswell Hobby Field Airport is approximately 73, which corresponds to a PCI rating of Satisfactory.

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 Creswell Hobby Field Airport pavement sections is outlined in Table 4B in this appendix.

Table 2B: CRESWELL HOBBY FIELD CURRENT BRANCH CONDITION REPORT

Branch ID	Number of Sections	Approximate Area, square feet	Use	Area Weighted Average Branch PCI	PCI Category
A01CE	1	170,706	APRON	68	Fair
ANHOLDCE	1	3,645	APRON	64	Fair
ASHOLDCE	1	3,690	APRON	75	Satisfactory
R15CE	1	186,000	RUNWAY	93	Good
T01CE	1	120,388	TAXIWAY	51	Poor
T02CE	2	5,860	TAXIWAY	84	Satisfactory
T03CE	1	6,813	TAXIWAY	73	Satisfactory
T04CE	2	5,856	TAXIWAY	89	Good
T05CE	2	21,046	TAXIWAY	55	Poor
T06CE	2	15,645	TAXIWAY	79	Satisfactory
T07CE	2	14,585	TAXIWAY	81	Satisfactory
T08CE	2	17,317	TAXIWAY	75	Satisfactory
T09CE	2	8,577	TAXIWAY	94	Good
T10CE	1	8,481	TAXIWAY	53	Poor
T11CE	2	9,159	TAXIWAY	62	Fair
T12CE	1	4,122	TAXIWAY	76	Satisfactory
T13CE	1	16,778	TAXIWAY	75	Satisfactory
THANGARCE	1	4,674	TAXIWAY	76	Satisfactory

Use Category	Number of Sections	Total Area, square feet	Area Weighted Average PCI
APRON	3	178,041	68
RUNWAY	1	186,000	93
TAXIWAY	22	259,301	63
ALL	**26**	**623,342**	**73**

Abbreviation: PCI = Pavement Condition Index

Table 3B: CRESWELL HOBBY FIELD 2024 PAVEMENT CONDITION INDEX SURVEY RESULTS

Branch ID	Section ID	Last Construction Date	Surface Type	Use	Last Inspection Date	Age at Inspection	PCI	PCI Category	PCI % Climate	PCI % Load	PCI % Other
A01CE	01	9/3/1988	AC	APRON	8/1/2024	36	68	Fair	83	17	0
ANHOLDCE	01	9/3/1987	AC	APRON	8/1/2024	37	64	Fair	100	0	0
ASHOLDCE	01	9/3/1987	AC	APRON	8/1/2024	37	75	Satisfactory	100	0	0
R15CE	01	9/1/2022	AAC	RUNWAY	8/1/2024	2	93	Good	100	0	0
T01CE	01	9/3/1987	AC	TAXIWAY	8/1/2024	37	51	Poor	54	46	0
T02CE	01	9/1/2022	AAC	TAXIWAY	8/1/2024	2	94	Good	100	0	0
T02CE	02	9/3/1987	AC	TAXIWAY	8/1/2024	37	70	Fair	100	0	0
T03CE	01	9/3/1987	AC	TAXIWAY	8/1/2024	37	73	Satisfactory	100	0	0
T04CE	01	9/1/2022	AAC	TAXIWAY	9/1/2024	2	94	Good	0	0	0
T04CE	02	9/3/1987	AC	TAXIWAY	8/1/2024	37	75	Satisfactory	100	0	0
T05CE	01	9/1/1999	AC	TAXIWAY	8/1/2024	25	78	Satisfactory	75	25	0
T05CE	02	9/2/1988	AC	TAXIWAY	8/1/2024	36	34	Very Poor	53	42	5
T06CE	01	9/1/1998	AC	TAXIWAY	8/1/2024	26	69	Fair	100	0	0
T06CE	02	9/1/2020	AC	TAXIWAY	8/1/2024	4	94	Good	100	0	0
T07CE	01	9/2/1990	AC	TAXIWAY	8/1/2024	34	74	Satisfactory	100	0	0
T07CE	02	9/1/2020	AC	TAXIWAY	8/1/2024	4	94	Good	100	0	0
T08CE	01	9/2/1988	AC	TAXIWAY	8/1/2024	36	60	Fair	67	33	0
T08CE	02	9/1/2020	AC	TAXIWAY	8/1/2024	4	94	Good	100	0	0
T09CE	01	9/1/2019	AC	TAXIWAY	8/1/2024	5	94	Good	100	0	0
T09CE	02	9/1/2019	AC	TAXIWAY	8/1/2024	5	94	Good	100	0	0
T10CE	01	9/1/2007	AAC	TAXIWAY	8/1/2024	17	53	Poor	67	33	0
T11CE	01	9/2/1988	AC	TAXIWAY	8/1/2024	36	70	Fair	78	22	0
T11CE	02	9/2/1988	AC	TAXIWAY	8/1/2024	36	47	Poor	56	44	0
T12CE	01	9/2/1988	AC	TAXIWAY	8/1/2024	36	76	Satisfactory	100	0	0
T13CE	01	9/1/1988	AC	TAXIWAY	8/1/2024	36	75	Satisfactory	100	0	0
THANGARCE	01	6/1/2014	AC	TAXIWAY	8/1/2024	10	76	Satisfactory	100	0	0

Abbreviations:
PCI = Pavement Condition Index, AC = asphalt concrete, AAC = AC overlaid with AC

Table 4B: CRESWELL HOBBY FIELD COMPARISON OF PREVIOUS INSPECTION AND 2024 RESULTS

Branch ID	Section ID	Surface Type[1]	Approximate Area, square feet	LCD[2]	2019 Survey			2024 Survey		Age4	Δ PCI/yr[5]	Rate of Deterioration
					PCI[3]	PCI Category	Inspection Date	PCI	PCI Category			
A01CE	01	AC	170,706	9/3/87	67	Fair	5/13/2019	68	Fair	31	0.19	NONE
ANHOLDCE	01	AC	3,645	9/3/87	76	Satisfactory	5/13/2019	64	Fair	32	-2	NORMAL
ASHOLDCE	01	AC	3,690	9/3/87	80	Satisfactory	5/13/2019	75	Satisfactory	32	-0.96	NORMAL
R15CE	01	AAC	186,000	9/1/22	76	Satisfactory	5/13/2019	93.3	Good	-3	3	NONE
T01CE	01	AC	120,388	9/3/87	71	Satisfactory	5/13/2019	51	Poor	32	-3.83	NORMAL
T02CE	01	AAC	3,455	9/1/22	73	Satisfactory	5/13/2019	94	Good	-3	4	NONE
T02CE	02	AC	2,405	9/3/87	73	Satisfactory	5/13/2019	69.7	Fair	32	-0.63	NORMAL
T03CE	01	AC	6,813	9/3/87	78	Satisfactory	5/13/2019	73	Satisfactory	32	-1	NORMAL
T04CE	01	AAC	4,381	9/1/22	78	Satisfactory	5/13/2019	94	Good	-3	3.06	NONE
T04CE	02	AC	1,475	9/3/87	78	Satisfactory	5/13/2019	74.7	Satisfactory	32	-1	NORMAL
T05CE	01	AC	9,996	9/1/99	88	Good	5/13/2019	78	Satisfactory	20	-1.91	NORMAL
T05CE	02	AC	11,050	9/2/88	57	Fair	5/13/2019	34	Very Poor	31	-4	HIGH
T06CE	01	AC	9,240	9/1/98	61	Fair	5/13/2019	69	Fair	21	1.53	NONE
T06CE	02	AC	6,405	9/1/20	32	Very Poor	5/13/2019	94	Good	-1	12	NONE
T07CE	01	AC	9,721	9/2/90	70	Fair	5/13/2019	74	Satisfactory	29	0.77	NONE
T07CE	02	AC	4,864	9/1/20	33	Very Poor	5/13/2019	94	Good	-1	12	NONE
T08CE	01	AC	9,721	9/2/88	57	Fair	5/13/2019	60	Fair	31	0.57	NONE
T08CE	02	AC	7,596	9/1/20	53	Poor	5/13/2019	94	Good	-1	8	NONE
T09CE	01	AC	5,486	9/1/19	37	Poor	5/13/2019	94	Good	0	10.91	NONE
T09CE	02	AC	3,091	9/1/19	32	Very Poor	5/13/2019	94	Good	0	12	NONE
T10CE	01	AAC	8,481	9/1/07	81	Satisfactory	5/13/2019	53	Poor	12	-5.36	HIGH
T11CE	01	AC	5,942	9/2/88	76	Satisfactory	5/13/2019	70	Fair	31	-1	NORMAL
T11CE	02	AC	3,217	9/2/88	66	Fair	5/13/2019	47	Poor	31	-3.64	NORMAL
T12CE	01	AC	4,122	9/2/88	74	Satisfactory	5/13/2019	76	Satisfactory	31	0	NONE
T13CE	01	AC	16,778	9/1/88	68	Fair	5/13/2019	75	Satisfactory	31	1.34	NONE
THANGARCE	01	AC	4,674	6/1/14	85	Satisfactory	5/13/2019	76	Satisfactory	5	-2	NORMAL

Abbreviations:

[1] AC = asphalt concrete, AAC = Asphalt Overlay AC

[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] Δ PCI/yr = Change in PCI points per year between 2019 survey and 2024 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, 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 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 the 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 Creswell Hobby Field 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 Creswell Hobby Field Airport. For each model, we reviewed the data to filter out any inconsistent or inaccurate data or any data that fall outside the 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.

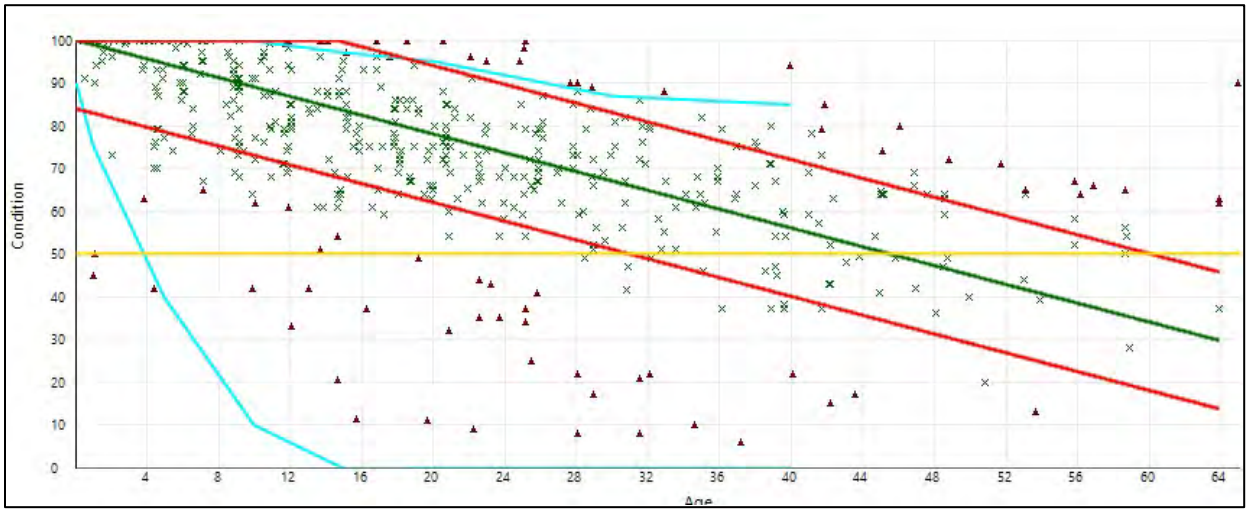


Figure 1C: CONDITION PREDICTION MODEL FOR REGION 2 CATEGORY 3/4 ASPHALT CONCRETE APRONS

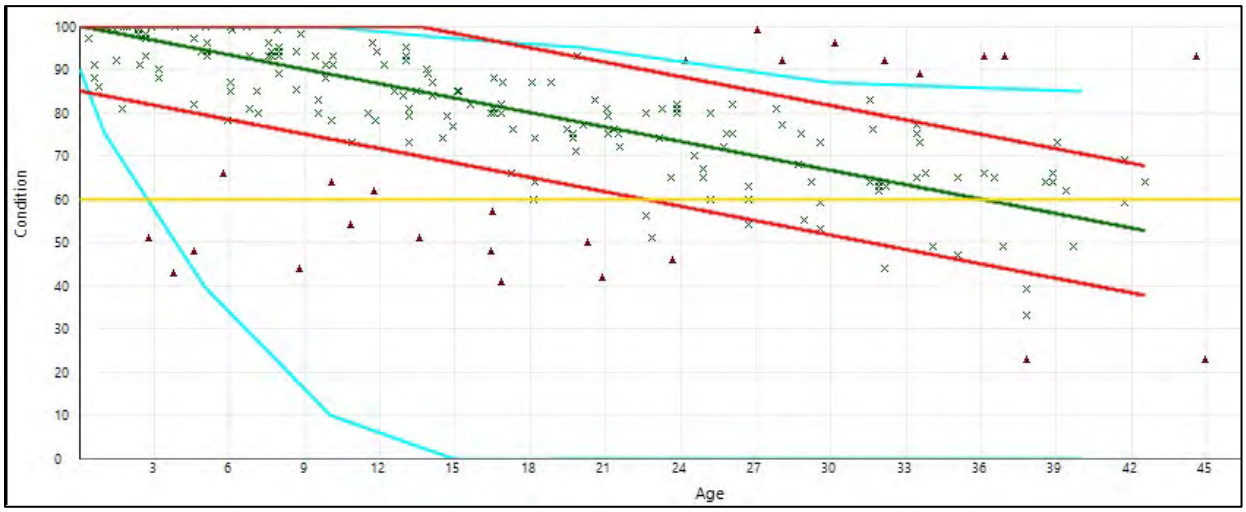


Figure 2C: CONDITION PREDICTION MODEL FOR REGION 2 CATEGORY 3/4 ASPHALT CONCRETE RUNWAYS

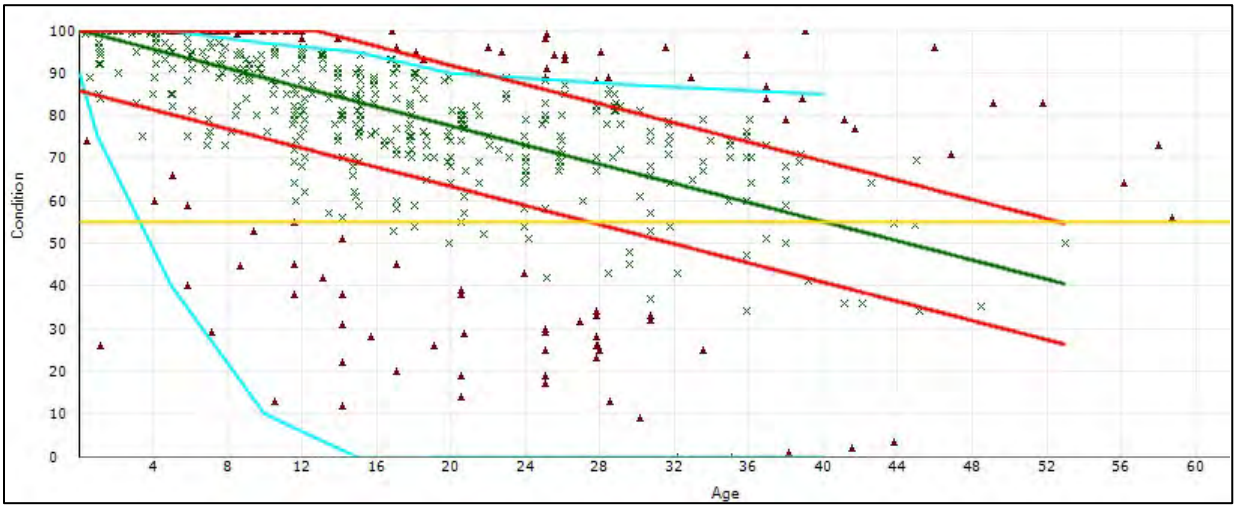


Figure 3C: CONDITION PREDICTION MODEL FOR REGION 2 CATEGORY 4 ASPHALT CONCRETE TAXIWAYS

C.3 CRITICAL PAVEMENT CONDITION INDEX

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 maintenance and rehabilitation (M&R) (i.e., 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 Creswell Hobby Field 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 Creswell Hobby Field 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 Creswell Hobby Field 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., PCI less than 40). The results of the functional life analysis are provided in Table 2C.

Table 1C: PAST, PRESENT AND FUTURE PCI

BranchID	SectionID	Past Inspection PCI 2019	Current PCI 2024	Predicted Future PCI 2029	Predicted Future PCI 2034
NETWORK	**--**	**70**	**73**	**68**	**62**
A01CE	01	67	68	63	57
ANHOLDCE	01	76	64	59	53
ASHOLDCE	01	80	75	70	64
R15CE	01	76	93	88	82
T01CE	01	71	51	46	40
T02CE	01	73	94	88	83
T02CE	02	73	70	64	58
T03CE	01	78	73	67	62
T04CE	01	78	94	88	83
T04CE	02	78	75	69	63
T05CE	01	88	78	72	67
T05CE	02	57	34	28	23
T06CE	01	61	69	63	58
T06CE	02	32	94	88	83
T07CE	01	70	74	68	63
T07CE	02	33	94	88	83
T08CE	01	57	60	54	49
T08CE	02	53	94	88	83
T09CE	01	37	94	88	83
T09CE	02	32	94	88	83
T10CE	01	81	53	47	42
T11CE	01	76	70	64	59
T11CE	02	66	47	41	36
T12CE	01	74	76	70	65
T13CE	01	68	75	69	64
THANGARCE	01	85	76	70	65

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

Table 2C: CRESWELL HOBBY FIELD FUNCTIONAL REMAINING LIFE ANALYSIS

Branch ID	Section ID	Surface Type	Current PCI	Years to Major M&R	Major M&R Trigger PCI[1]	Years to End of Functional Service Life
A01CE	01	AC	68	16 - 20	50	> 20
ANHOLDCE	01	AC	64	11 - 15	50	> 20
ASHOLDCE	01	AC	75	> 20	50	> 20
R15CE	01	AAC	93	> 20	65	> 20
T01CE	01	AC	51	0 - 5	60	6 - 10
T02CE	01	AAC	94	> 20	60	> 20
T02CE	02	AC	70	6 - 10	60	> 20
T03CE	01	AC	73	11 - 15	60	> 20
T04CE	01	AAC	94	> 20	60	> 20
T04CE	02	AC	75	11 - 15	60	> 20
T05CE	01	AC	78	16 - 20	60	> 20
T05CE	02	AC	34	0 - 5	60	0 - 5
T06CE	01	AC	69	6 - 10	60	> 20
T06CE	02	AC	94	> 20	60	> 20
T07CE	01	AC	74	11 - 15	60	> 20
T07CE	02	AC	94	> 20	60	> 20
T08CE	01	AC	60	0 - 5	60	16 - 20
T08CE	02	AC	94	> 20	60	> 20
T09CE	01	AC	94	> 20	60	> 20
T09CE	02	AC	94	> 20	60	> 20
T10CE	01	AAC	53	0 - 5	60	11 - 15
T11CE	01	AC	70	6 - 10	60	> 20
T11CE	02	AC	47	0 - 5	60	6 - 10
T12CE	01	AC	76	11 - 15	60	> 20
T13CE	01	AC	75	11 - 15	60	> 20
THANGARCE	01	AC	76	11 - 15	60	> 20

Abbreviations:

PCI = Pavement Condition Index, AC = asphalt concrete, AAC = AC overlaid AC, 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 5 years. The purpose of this analysis is to determine the M&R needs of the Creswell Hobby Field Airport pavement network condition over time. We used PAVER v7.1.2 software to develop network-level project recommendations for the next 5 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 5-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 5-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,

and 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 5-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 2018 report and updated them by reviewing the bid tabulations for recent projects within the vicinity of Creswell Hobby Field 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 Creswell Hobby Field 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	Work Unit
Major M&R	Complete Reconstruction with AC	$19.05	Sq Ft
	Cold Mill and Overlay – 2 Inches Thick	$8.41	Sq Ft
Surface Treatment (Global) M&R	Surface Treatment - Slurry Seal	$0.50	Sq Ft
	Surface Treatment - Fog Seal	$0.33	Sq Ft
Localized Preventive M&R	Crack Sealing - AC	$2.75	Foot
	Crack Sealing - PCC	$17.00	Foot
	Wide Crack Repair	$75.00	Foot
	Joint Sealing – PCC	$12.00	Foot
	AC Patching – Full Depth	$75.00	Sq Ft
	PCC Patching – Full Depth	$140.00	Sq Ft

Abbreviations: M&R = maintenance and rehabilitation; AC = asphalt concrete; PCC = portland cement concrete; Sq Ft = square foot

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: CRESWELL HOBBY FIELD NETWORK MAINTENANCE REPORT

Branch ID	Section ID	Distress	Severity	Action	Work Quantity	Unit	Unit Cost	Work Cost	Section Total
A01CE	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	20,508	Ft	$2.75	$56,396	$59,843
A01CE	01	Alligator Cracking	Medium	Patching - AC Deep	46	SqFt	$75.00	$3,447	
ANHOLDCE	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	105	Ft	$2.75	$289	$701
ANHOLDCE	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	15	Ft	$2.75	$41	
ASHOLDCE	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	135	Ft	$2.75	$371	
R15CE	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	41	Ft	$2.75	$114	$114
T01CE	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	229	Ft	$2.75	$631	$162,908
T01CE	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	7,182	Ft	$2.75	$19,750	
T01CE	01	Alligator Cracking	Medium	Patching - AC Deep	1,900	SqFt	$75.00	$142,527	
T02CE	02	Long. & Trans. Cracking	Low	Crack Sealing - AC	47	Ft	$2.75	$129	$129
T03CE	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	193	Ft	$2.75	$531	$531
T04CE	02	Long. & Trans. Cracking	Low	Crack Sealing - AC	93	Ft	$2.75	$256	$256
T05CE	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	356	Ft	$2.75	$979	$2,468
T05CE	01	Alligator Cracking	Medium	Patching - AC Deep	19	SqFt	$75.00	$1,489	
T05CE	02	Long. & Trans. Cracking	Low	Crack Sealing - AC	1,055	Ft	$2.75	$2,901	$51,480
T05CE	02	Long. & Trans. Cracking	Medium	Crack Sealing - AC	11	Ft	$2.75	$30	
T05CE	02	Alligator Cracking	Medium	Patching - AC Deep	647	SqFt	$75.00	$48,548	
T06CE	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	865	Ft	$2.75	$2,379	$2,379
T07CE	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	803	Ft	$2.75	$2,208	$2,208
T08CE	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	1,043	Ft	$2.75	$2,868	$8,275
T08CE	01	Alligator Cracking	Medium	Patching - AC Deep	72	SqFt	$75.00	$5,406	
T10CE	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	1,245	Ft	$2.75	$3,424	$10,752
T10CE	01	Alligator Cracking	Medium	Patching - AC Deep	98	SqFt	$75.00	$7,328	
T11CE	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	338	Ft	$2.75	$930	$2,419
T11CE	01	Alligator Cracking	Medium	Patching - AC Deep	19	SqFt	$75.00	$1,489	
T11CE	02	Long. & Trans. Cracking	Low	Crack Sealing - AC	257	Ft	$2.75	$707	$8,968
T11CE	02	Alligator Cracking	Medium	Patching - AC Deep	110	SqFt	$75.00	$8,261	
T12CE	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	8	Ft	$2.75	$22	$91
T12CE	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	25	Ft	$2.75	$69	
T13CE	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	980	Ft	$2.75	$2,694	$2,694
THANGARCE	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	214	Ft	$2.75	$589	$630
THANGARCE	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	15	Ft	$2.75	$41	

Abbreviations:

Long. = longitudinal; Trans. = transverse; AC = asphalt concrete; Ft = Feet; Sq Ft = 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
2026	T01CE	01	TAXIWAY	AC	51	Overlay	120,388	$8.41	$1,012,463
2027	T05CE	02	TAXIWAY	AC	34	Overlay	11,050	$8.41	$92,931
	T10CE	01	TAXIWAY	AAC	53	Overlay	8,481	$8.41	$71,325
	T11CE	02	TAXIWAY	AC	47	Overlay	3,217	$8.41	$27,055
2028	T02CE	02	TAXIWAY	AC	70	Slurry Seal	2,405	$0.50	$1,203
	T03CE	01	TAXIWAY	AC	73	Slurry Seal	6,813	$0.50	$3,407
	T04CE	02	TAXIWAY	AC	75	Slurry Seal	1,475	$0.50	$738
	T05CE	01	TAXIWAY	AC	78	Slurry Seal	9,996	$0.50	$4,998
	T06CE	01	TAXIWAY	AC	69	Slurry Seal	9,240	$0.50	$4,620
	T07CE	01	TAXIWAY	AC	74	Slurry Seal	9,721	$0.50	$4,861
	T08CE	01	TAXIWAY	AC	60	Slurry Seal	9,721	$0.50	$4,861
	T11CE	01	TAXIWAY	AC	70	Slurry Seal	5,942	$0.50	$2,971
	T12CE	01	TAXIWAY	AC	76	Slurry Seal	4,122	$0.50	$2,061
	T13CE	01	TAXIWAY	AC	75	Slurry Seal	16,778	$0.50	$8,389
	THANGARCE	01	TAXIWAY	AC	76	Slurry Seal	4,674	$0.50	$2,337
2029	A01CE	01	APRON	AC	68	Fog Seal	170,706	$0.33	$56,333
	ANHOLDCE	01	APRON	AC	64	Fog Seal	3,645	$0.33	$1,203
	ASHOLDCE	01	APRON	AC	75	Fog Seal	3,690	$0.33	$1,218

Abbreviations:
PCI = Pavement Condition Index, AC = asphalt concrete, AAC = AC overlaid AC

Cost Summary	
2025 Total Project Cost	$0
2026 Total Project Cost	$1,012,463
2027 Total Project Cost	$191,311
2028 Total Project Cost	$40,444
2029 Total Project Cost	$58,754
Total 5-Year Project Cost	**$1,302,971**

APPENDIX E

Reinspection Report

Inspection Report

ODAV_2024_11-22-24_4pm_amc
Generated Date 11/25/2024

Network: Creswell **Name:** Creswell Hobby Field

Branch: A01CE **Name:** Apron 01 Creswell **Use:** APRON **Area:** 170,706 SqFt

Section: 01 of 1 **From:** Taxiway 01 **To:** FBO **Last Const.:** 9/3/1988

Surface: AC **Family:** 2024_Region2_Cat 3/4_Apron_AC **Zone:** 77S **Category:** H **Rank:** P

Area: 170,706 SqFt **Length:** 580 Ft **Width:** 495 Ft

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

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

Section Comments:

Work Date: 9/1/1988	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 9/2/1988	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 9/3/1988	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 9/1/2003	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2006	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2011	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2014	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/2/2014	**Work Type:** Patching - AC Deep	**Code:** PA-AD	**Is Major M&R:** False
Work Date: 6/1/2017	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

Last Insp. Date: 8/1/2024 **TotalSamples:** 36 **Surveyed:** 6

Conditions: **PCI:** 69

Inspection Comments:

Sample Number: 05 **Type:** R **Area:** 5000.00 SqFt **PCI:** 67

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
48	L & T CR	L	688.00	Ft	13.8	27.7	
57	WEATHERING	M	5000.00	SqFt	100.0	20.3	

Sample Number: 07 **Type:** R **Area:** 5000.00 SqFt **PCI:** 74

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
48	L & T CR	L	413.00	Ft	8.3	20.7	
57	WEATHERING	M	5000.00	SqFt	100.0	20.3	

Sample Number: 13 **Type:** R **Area:** 5000.00 SqFt **PCI:** 66

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
48	L & T CR	L	770.00	Ft	15.4	29.2	
57	WEATHERING	M	5000.00	SqFt	100.0	20.3	

Sample Number: 16 **Type:** R **Area:** 5000.00 SqFt **PCI:** 65

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
41	ALLIGATOR CR	M	4.00	SqFt	0.1	10.0	
48	L & T CR	L	501.00	Ft	10.0	23.3	

50	PATCHING	L	12.00	SqFt	0.2	2.0
57	WEATHERING	M	5000.00	SqFt	100.0	20.3

Sample Number: 21 **Type:** R **Area:** 5000.00 SqFt **PCI:** 73

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
48	L & T CR	L	439.00	Ft	8.8	21.5	
57	WEATHERING	M	5000.00	SqFt	100.0	20.3	

Sample Number: 29 **Type:** R **Area:** 5000.00 SqFt **PCI:** 65

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
48	L & T CR	L	793.00	Ft	15.9	29.6	
57	WEATHERING	M	5000.00	SqFt	100.0	20.3	

Network: Creswell **Name:** Creswell Hobby Field

Branch: ANHOLDCE **Name:** North Hold Apron Creswell **Use:** APRON **Area:** 3,645 SqFt

Section: 01 of 1 **From:** North End of Taxiway 01 **To:** West **Last Const.:** 9/3/1987

Surface: AC **Family:** 2024_Region2_Cat 3/4_Apron_AC **Zone:** 77S **Category:** H **Rank:** P

Area: 3,645 SqFt **Length:** 143 Ft **Width:** 40 Ft

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

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

Section Comments:

Work Date: 9/1/1987	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 9/2/1987	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 9/3/1987	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 9/1/2003	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2006	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2011	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/2/2011	**Work Type:** Crack Seal - Wide Cracks	**Code:** CS-WD	**Is Major M&R:** False
Work Date: 9/1/2014	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2017	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

Last Insp. Date: 8/1/2024 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 64

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3645.00 SqFt **PCI:** 64

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
48	L & T CR	L	105.00	Ft	2.9	9.7	
48	L & T CR	M	15.00	Ft	0.4	7.6	
50	PATCHING	M	215.00	SqFt	5.9	21.2	
57	WEATHERING	M	3645.00	SqFt	100.0	20.3	

Network: Creswell **Name:** Creswell Hobby Field

Branch: ASHOLDCE **Name:** South Hold Apron Creswell **Use:** APRON **Area:** 3,690 SqFt

Section: 01 of 1 **From:** South End of Taxiway 01 **To:** West **Last Const.:** 9/3/1987

Surface: AC **Family:** 2024_Region2_Cat 3/4_Apron_AC **Zone:** 77S **Category:** H **Rank:** P

Area: 3,690 SqFt **Length:** 146 Ft **Width:** 40 Ft

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

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

Section Comments:

Work Date: 9/1/1987	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 9/2/1987	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 9/3/1987	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 9/1/2003	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2006	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2011	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/2/2011	**Work Type:** Crack Seal - Wide Cracks	**Code:** CS-WD	**Is Major M&R:** False
Work Date: 9/1/2014	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

Last Insp. Date: 8/1/2024 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 75

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3690.00 SqFt **PCI:** 75

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
48	L & T CR	L	135.00	Ft	3.7	11.7	
57	WEATHERING	M	3690.00	SqFt	100.0	20.3	

Network: Creswell **Name:** Creswell Hobby Field

Branch: R15CE **Name:** Runway 15/33 Creswell **Use:** RUNWAY **Area:** 186,000 SqFt

Section: 01 of 1 **From:** Runway 15 End **To:** R33 End **Last Const.:** 9/1/2022

Surface: AC **Family:** 2024_Region2_Cat 3/4_Runway_AC **Zone:** 77S **Category:** H **Rank:** P

Area: 186,000 SqFt **Length:** 3,100 Ft **Width:** 60 Ft

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

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

Section Comments:

Work Date: 9/1/1987	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 9/2/1987	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 9/3/1987	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 9/1/2003	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2006	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2011	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/2/2011	**Work Type:** Crack Seal - Wide Cracks	**Code:** CS-WD	**Is Major M&R:** False
Work Date: 6/3/2011	**Work Type:** Patching - AC Deep	**Code:** PA-AD	**Is Major M&R:** False
Work Date: 6/4/2011	**Work Type:** Slurry Seal	**Code:** SS-ST	**Is Major M&R:** False
Work Date: 9/1/2014	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2017	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/2/2017	**Work Type:** Crack Seal - Wide Cracks	**Code:** CS-WD	**Is Major M&R:** False
Work Date: 6/3/2017	**Work Type:** Oregon Slurry Seal	**Code:** OR-SS	**Is Major M&R:** False
Work Date: 9/1/2022	**Work Type:** Cold Mill and Overlay	**Code:** MOL	**Is Major M&R:** True

Last Insp. Date: 8/1/2024 **TotalSamples:** 31 **Surveyed:** 6

Conditions: **PCI:** 93

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 6000.00 SqFt **PCI:** 94

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
57	WEATHERING	L	6000.00	SqFt	100.0	6.0	

Sample Number: 08 **Type:** R **Area:** 6000.00 SqFt **PCI:** 94

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
57	WEATHERING	L	6000.00	SqFt	100.0	6.0	

Sample Number: 15 **Type:** R **Area:** 6000.00 SqFt **PCI:** 92

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
50	PATCHING	L	4.00	SqFt	0.1	2.0	
57	WEATHERING	L	6000.00	SqFt	100.0	6.0	

Sample Number: 22 **Type:** R **Area:** 6000.00 SqFt **PCI:** 91

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
48	L & T CR	L	8.00	Ft	0.1	2.6	

57	WEATHERING	L	6000.00	SqFt	100.0	6.0

Sample Number: 29 **Type:** R **Area:** 6000.00 SqFt **PCI:** 94

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
57	WEATHERING	L	6000.00	SqFt	100.0	6.0	

Sample Number: 31 **Type:** R **Area:** 6000.00 SqFt **PCI:** 94

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
57	WEATHERING	L	6000.00	SqFt	100.0	6.0	

Network: Creswell **Name:** Creswell Hobby Field

Branch: T01CE **Name:** Taxiway 01 Creswell **Use:** TAXIWAY **Area:** 120,388 SqFt

Section: 01 of 1 **From:** Runway 15 End **To:** Runway 33 End **Last Const.:** 9/3/1987

Surface: AC **Family:** 2024_Region2_Cat 4_Taxiway_AC **Zone:** 77S **Category:** H **Rank:** P

Area: 120,388 SqFt **Length:** 3,100 Ft **Width:** 35 Ft

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

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

Section Comments:

Work Date: 9/1/1987	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 9/2/1987	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 9/3/1987	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 9/1/2003	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2006	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2011	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/2/2011	**Work Type:** Crack Seal - Wide Cracks	**Code:** CS-WD	**Is Major M&R:** False
Work Date: 9/1/2014	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2017	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

Last Insp. Date: 8/1/2024 **TotalSamples:** 25 **Surveyed:** 5

Conditions: **PCI:** 52

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5250.00 SqFt **PCI:** 41

Sample Comments:

Distress	Description	Severity	Quantity		Density	Deduct	Comments
41	ALLIGATOR CR	M	120.00	SqFt	2.3	37.8	
45	DEPRESSION	L	8.00	SqFt	0.2	0.4	
48	L & T CR	L	286.00	Ft	5.4	15.7	
48	L & T CR	L	63.00	Ft	1.2	5.4	
48	L & T CR	M	18.00	Ft	0.3	6.9	
50	PATCHING	L	280.00	SqFt	5.3	10.3	
50	PATCHING	M	136.00	SqFt	2.6	14.0	
50	PATCHING	M	22.00	SqFt	0.4	7.8	
57	WEATHERING	M	5250.00	SqFt	100.0	20.3	

Sample Number: 04 **Type:** R **Area:** 5250.00 SqFt **PCI:** 32

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
41	ALLIGATOR CR	M	108.00	SqFt	2.1	36.7	
41	ALLIGATOR CR	M	72.00	SqFt	1.4	32.3	
41	ALLIGATOR CR	M	10.00	SqFt	0.2	15.1	
48	L & T CR	L	54.00	Ft	1.0	5.0	
48	L & T CR	L	124.00	Ft	2.4	8.4	
48	L & T CR	L	62.00	Ft	1.2	5.3	

48	L & T CR	L	87.00	Ft	1.7	6.5	
48	L & T CR	M	24.00	Ft	0.5	8.0	
50	PATCHING	M	160.00	SqFt	3.0	15.2	
53	RUTTING	M	82.00	SqFt	1.6	27.3	
57	WEATHERING	M	5250.00	SqFt	100.0	20.3	

Sample Number: 10 **Type:** R **Area:** 5250.00 SqFt **PCI:** 59

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
41	ALLIGATOR CR	M	38.00	SqFt	0.7	26.1	
48	L & T CR	L	241.00	Ft	4.6	13.9	
48	L & T CR	L	54.00	Ft	1.0	5.0	
50	PATCHING	M	45.00	SqFt	0.9	9.0	
50	PATCHING	M	60.00	SqFt	1.1	9.9	
57	WEATHERING	M	5250.00	SqFt	100.0	20.3	

Sample Number: 15 **Type:** R **Area:** 5250.00 SqFt **PCI:** 60

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
41	ALLIGATOR CR	M	14.00	SqFt	0.3	17.7	
48	L & T CR	L	176.00	Ft	3.4	10.9	
48	L & T CR	L	62.00	Ft	1.2	5.3	
48	L & T CR	M	8.00	Ft	0.2	4.4	
50	PATCHING	M	66.00	SqFt	1.3	10.2	
50	PATCHING	M	34.00	SqFt	0.6	8.4	
57	WEATHERING	M	5250.00	SqFt	100.0	20.3	

Sample Number: 20 **Type:** R **Area:** 5250.00 SqFt **PCI:** 66

Sample Comments:

Distress	Description	Severity	Quantity		Density	Deduct	Comments
41	ALLIGATOR CR	M	15.00	SqFt	0.3	18.3	
48	L & T CR	L	98.00	Ft	1.9	7.1	
48	L & T CR	L	259.00	Ft	4.9	14.6	
57	WEATHERING	M	5250.00	SqFt	100.0	20.3	

Network: Creswell **Name:** Creswell Hobby Field

Branch: T02CE **Name:** Taxiway 02 Creswell **Use:** TAXIWAY **Area:** 5,860 SqFt

Section: 01 of 2 **From:** Runway 15 End **To:** T02CE-02 **Last Const.:** 9/1/2022

Surface: AC **Family:** 2024_Region2_Cat 4_Taxiway_AC **Zone:** 77S **Category:** H **Rank:** P

Area: 3,455 SqFt **Length:** 86 Ft **Width:** 35 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** 35 Ft

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

Section Comments:

Work Date: 9/1/1987	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 9/2/1987	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 9/3/1987	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 9/1/2003	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2006	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2011	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/2/2011	**Work Type:** Crack Seal - Wide Cracks	**Code:** CS-WD	**Is Major M&R:** False
Work Date: 9/1/2014	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2017	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2022	**Work Type:** Cold Mill and Overlay	**Code:** MOL	**Is Major M&R:** True

Last Insp. Date: 8/1/2024 **TotalSamples:** 2 **Surveyed:** 1

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3455.00 SqFt **PCI:** 94

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity	Density	Deduct	Comments
57	WEATHERING	L	3454.00 SqFt	100.0	6.0	

Network: Creswell **Name:** Creswell Hobby Field

Branch: T02CE **Name:** Taxiway 02 Creswell **Use:** TAXIWAY **Area:** 5,860 SqFt

Section: 02 of 2 **From:** T02CE-01 **To:** Taxiway 01 **Last Const.:** 9/3/1987

Surface: AC **Family:** 2024_Region2_Cat 4_Taxiway_AC **Zone:** 77S **Category:** H **Rank:** P

Area: 2,405 SqFt **Length:** 3,100 Ft **Width:** 35 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** 35 Ft

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

Section Comments:

Work Date: 9/1/1987	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 9/2/1987	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 9/3/1987	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 9/1/2003	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2006	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2011	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/2/2011	**Work Type:** Crack Seal - Wide Cracks	**Code:** CS-WD	**Is Major M&R:** False
Work Date: 9/1/2014	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2017	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

Last Insp. Date: 8/1/2024 **TotalSamples:** 2 **Surveyed:** 1

Conditions: **PCI:** 70

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 2405.00 SqFt **PCI:** 70

Sample Comments:

Distress	Description	Severity	Quantity		Density	Deduct	Comments
48	L & T CR	L	47.00	Ft	2.0	7.3	
50	PATCHING	M	28.00	SqFt	1.2	9.9	
57	WEATHERING	M	2405.00	SqFt	100.0	20.3	

Network: Creswell **Name:** Creswell Hobby Field

Branch: T03CE **Name:** Taxiway 03 Creswell **Use:** TAXIWAY **Area:** 6,813 SqFt

Section: 01 of 1 **From:** Runway 15/33 **To:** Taxiway 01 **Last Const.:** 9/3/1987

Surface: AC **Family:** 2024_Region2_Cat 4_Taxiway_AC **Zone:** 77S **Category:** H **Rank:** P

Area: 6,813 SqFt **Length:** 145 Ft **Width:** 35 Ft

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

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

Section Comments:

Work Date: 9/1/1987	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 9/2/1987	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 9/3/1987	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 9/1/2000	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2003	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2006	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2011	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/2/2011	**Work Type:** Crack Seal - Wide Cracks	**Code:** CS-WD	**Is Major M&R:** False
Work Date: 6/1/2017	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

Last Insp. Date: 8/1/2024 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 73

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3960.00 SqFt **PCI:** 75

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
48	L & T CR	L	140.00	Ft	3.5	11.4	
57	WEATHERING	L	960.00	SqFt	24.2	3.2	
57	WEATHERING	M	3000.00	SqFt	75.8	18.5	

Sample Number: 02 **Type:** R **Area:** 2853.00 SqFt **PCI:** 70

Sample Comments:

Distress	Description	Severity	Quantity		Density	Deduct	Comments
48	L & T CR	L	53.00	Ft	1.9	7.0	
50	PATCHING	M	45.00	SqFt	1.6	11.2	
57	WEATHERING	M	2853.00	SqFt	100.0	20.3	

Network: Creswell **Name:** Creswell Hobby Field

Branch: T04CE **Name:** Taxiway Connector 04 Cresswell **Use:** TAXIWAY **Area:** 5,856 SqFt

Section: 01 of 2 **From:** Runway 33 **To:** T01CE-02 **Last Const.:** 9/1/2022

Surface: AC **Family:** 2024_Region2_Cat 4_Taxiway_AC **Zone:** 77S **Category:** H **Rank:** P

Area: 4,381 SqFt **Length:** 112 Ft **Width:** 35 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** 35 Ft

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

Section Comments:

Work Date: 9/1/1987	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 9/2/1987	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 9/3/1987	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 9/1/2003	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2006	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2011	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/2/2011	**Work Type:** Crack Seal - Wide Cracks	**Code:** CS-WD	**Is Major M&R:** False
Work Date: 9/1/2014	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2017	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2022	**Work Type:** Cold Mill and Overlay	**Code:** MOL	**Is Major M&R:** True

Last Insp. Date: 8/1/2024 **TotalSamples:** 25 **Surveyed:** 1

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4381.00 SqFt **PCI:** 94

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity	Density	Deduct	Comments
57	WEATHERING	L	4381.00 SqFt	100.0	6.0	

Network: Creswell **Name:** Creswell Hobby Field

Branch: T04CE **Name:** Taxiway Connector 04 Cresswell **Use:** TAXIWAY **Area:** 5,856 SqFt

Section: 02 of 2 **From:** T01CE-01 **To:** Taxiway 01 **Last Const.:** 9/3/1987

Surface: AC **Family:** 2024_Region2_Cat 4_Taxiway_AC **Zone:** 77S **Category:** H **Rank:** P

Area: 1,475 SqFt **Length:** 31 Ft **Width:** 35 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** 35 Ft

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

Section Comments:

Work Date: 9/1/1987	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 9/2/1987	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 9/3/1987	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 9/1/2003	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2006	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2011	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/2/2011	**Work Type:** Crack Seal - Wide Cracks	**Code:** CS-WD	**Is Major M&R:** False
Work Date: 9/1/2014	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2017	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

Last Insp. Date: 8/1/2024 **TotalSamples:** 25 **Surveyed:** 1

Conditions: **PCI:** 75

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 1475.00 SqFt **PCI:** 75

Sample Comments:

Distress	Description	Severity	Quantity		Density	Deduct	Comments
48	L & T CR	L	50.00	Ft	3.4	11.0	
48	L & T CR	L	43.00	Ft	2.9	9.8	
57	WEATHERING	L	380.00	SqFt	25.8	3.3	
57	WEATHERING	M	1095.00	SqFt	74.2	18.3	

Network: Creswell **Name:** Creswell Hobby Field

Branch: T05CE **Name:** Taxiway 05 Creswell **Use:** TAXIWAY **Area:** 21,046 SqFt

Section: 01 of 2 **From:** Hangars **To:** T03CE-02 **Last Const.:** 9/1/1999

Surface: AC **Family:** 2024_Region2_Cat 4_Taxiway_AC **Zone:** 77S **Category:** H **Rank:** S

Area: 9,996 SqFt **Length:** 433 Ft **Width:** 22 Ft

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

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

Section Comments:

Work Date: 9/1/1999	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 9/1/2006	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/2/2006	**Work Type:** Patching - AC Deep	**Code:** PA-AD	**Is Major M&R:** False
Work Date: 6/1/2011	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/2/2011	**Work Type:** Crack Seal - Wide Cracks	**Code:** CS-WD	**Is Major M&R:** False
Work Date: 9/1/2014	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2017	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

Last Insp. Date: 8/1/2024 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 78

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5896.00 SqFt **PCI:** 80

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
41	ALLIGATOR CR	M	6.00	SqFt	0.1	10.1	
48	L & T CR	L	147.00	Ft	2.5	8.7	
57	WEATHERING	L	5896.00	SqFt	100.0	6.0	

Sample Number: 02 **Type:** R **Area:** 4100.00 SqFt **PCI:** 75

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
48	L & T CR	L	209.00	Ft	5.1	15.0	
57	WEATHERING	M	4100.00	SqFt	100.0	20.3	

Network: Creswell **Name:** Creswell Hobby Field

Branch: T05CE **Name:** Taxiway 05 Creswell **Use:** TAXIWAY **Area:** 21,046 SqFt

Section: 02 of 2 **From:** T03CE-01 **To:** Taxiway 01 **Last Const.:** 9/2/1988

Surface: AC **Family:** 2024_Region2_Cat 4_Taxiway_AC **Zone:** 77S **Category:** H **Rank:** S

Area: 11,050 SqFt **Length:** 430 Ft **Width:** 25 Ft

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

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

Section Comments:

Work Date: 9/1/1988	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 9/2/1988	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 9/1/2003	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2006	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/2/2006	**Work Type:** Patching - AC Deep	**Code:** PA-AD	**Is Major M&R:** False
Work Date: 6/1/2011	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2014	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 5/13/2019	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

Last Insp. Date: 8/1/2024 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 35

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5775.00 SqFt **PCI:** 37

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
41	ALLIGATOR CR	M	178.00	SqFt	3.1	41.3	
48	L & T CR	L	607.00	Ft	10.5	23.9	
48	L & T CR	M	5.00	Ft	0.1	4.0	
50	PATCHING	L	28.00	SqFt	0.5	2.4	
52	RAVELING	M	144.00	SqFt	2.5	11.3	
57	WEATHERING	M	5630.00	SqFt	97.5	20.2	

Sample Number: 02 **Type:** R **Area:** 5275.00 SqFt **PCI:** 32

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
41	ALLIGATOR CR	M	140.00	SqFt	2.7	39.6	
41	ALLIGATOR CR	M	210.00	SqFt	4.0	44.4	
41	ALLIGATOR CR	M	21.00	SqFt	0.4	20.9	
45	DEPRESSION	L	99.00	SqFt	1.9	10.8	
48	L & T CR	L	176.00	Ft	3.3	10.9	
48	L & T CR	L	272.00	Ft	5.2	15.1	
48	L & T CR	M	6.00	Ft	0.1	4.0	
57	WEATHERING	L	2391.00	SqFt	45.3	4.6	
57	WEATHERING	M	2884.00	SqFt	54.7	16.0	

Network: Creswell **Name:** Creswell Hobby Field

Branch: T06CE **Name:** Taxiway 06 Creswell **Use:** TAXIWAY **Area:** 15,645 SqFt

Section: 01 of 2 **From:** Hangars **To:** Taxiway 03 **Last Const.:** 9/1/1998

Surface: AC **Family:** 2024_Region2_Cat 4_Taxiway_AC **Zone:** 77S **Category:** H **Rank:** S

Area: 9,240 SqFt **Length:** 385 Ft **Width:** 24 Ft

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

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

Section Comments:

Work Date: 9/1/1998	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 9/1/2006	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2011	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/2/2014	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2017	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/2/2017	**Work Type:** Patching - AC Shallow	**Code:** PA-AS	**Is Major M&R:** False

Last Insp. Date: 8/1/2024 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 69

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4800.00 SqFt **PCI:** 68

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
48	L & T CR	L	518.00	Ft	10.8	24.3	
50	PATCHING	L	24.00	SqFt	0.5	2.5	
57	WEATHERING	M	4800.00	SqFt	100.0	20.3	

Sample Number: 02 **Type:** R **Area:** 4440.00 SqFt **PCI:** 70

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
48	L & T CR	L	347.00	Ft	7.8	20.0	
52	RAVELING	M	16.00	SqFt	0.4	5.5	
57	WEATHERING	M	4440.00	SqFt	100.0	20.3	

Network: Creswell **Name:** Creswell Hobby Field

Branch: T06CE **Name:** Taxiway 06 Creswell **Use:** TAXIWAY **Area:** 15,645 SqFt

Section: 02 of 2 **From:** Taxiway 03 **To:** Hangars **Last Const.:** 9/1/2020

Surface: AC **Family:** 2024_Region2_Cat 4_Taxiway_AC **Zone:** 77S **Category:** H **Rank:** S

Area: 6,405 SqFt **Length:** 305 Ft **Width:** 21 Ft

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

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

Section Comments:

Work Date: 9/1/1988 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 9/1/1999 **Work Type:** Surface Seal - Coal Tar **Code:** SS-CT **Is Major M&R:** False

Work Date: 9/1/2020 **Work Type:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Last Insp. Date: 8/1/2024 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 6405.00 SqFt **PCI:** 94

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity	Density	Deduct	Comments
57	WEATHERING	L	6405.00 SqFt	100.0	6.0	

Network: Creswell **Name:** Creswell Hobby Field

Branch: T07CE **Name:** Taxiway 07 Creswell **Use:** TAXIWAY **Area:** 14,585 SqFt

Section: 01 of 2 **From:** Hangars **To:** Taxiway 03 **Last Const.:** 9/2/1990

Surface: AC **Family:** 2024_Region2_Cat 4_Taxiway_AC **Zone:** 77S **Category:** H **Rank:** S

Area: 9,721 SqFt **Length:** 385 Ft **Width:** 25 Ft

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

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

Section Comments:

Work Date: 9/1/1990	**Work Type:** Base Course - Unknown (Major MR)	**Code:** BA-UN	**Is Major M&R:** True
Work Date: 9/2/1990	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 9/1/2003	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2006	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2011	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2014	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2017	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

Last Insp. Date: 8/1/2024 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 74

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5096.00 SqFt **PCI:** 75

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
48	L & T CR	L	398.00	Ft	7.8	20.0	
57	WEATHERING	M	5096.00	SqFt	100.0	20.3	

Sample Number: 02 **Type:** R **Area:** 4625.00 SqFt **PCI:** 73

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
48	L & T CR	L	405.00	Ft	8.8	21.5	
57	WEATHERING	M	4625.00	SqFt	100.0	20.3	

Network: Creswell **Name:** Creswell Hobby Field

Branch: T07CE **Name:** Taxiway 07 Creswell **Use:** TAXIWAY **Area:** 14,585 SqFt

Section: 02 of 2 **From:** Taxiway 03 **To:** Hangars **Last Const.:** 9/1/2020

Surface: AC **Family:** 2024_Region2_Cat 4_Taxiway_AC **Zone:** 77S **Category:** H **Rank:** S

Area: 4,864 SqFt **Length:** 298 Ft **Width:** 16 Ft

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

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

Section Comments:

Work Date: 9/1/1988	**Work Type:** Base Course - Unknown (Major MR)	**Code:** BA-UN	**Is Major M&R:** True
Work Date: 9/2/1988	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 9/1/1999	**Work Type:** Surface Seal - Coal Tar	**Code:** SS-CT	**Is Major M&R:** False
Work Date: 9/1/2003	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2020	**Work Type:** Complete Reconstruction - AC	**Code:** CR-AC	**Is Major M&R:** True

Last Insp. Date: 8/1/2024 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4864.00 SqFt **PCI:** 94

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity	Density	Deduct	Comments
57	WEATHERING	L	4864.00 SqFt	100.0	6.0	

Network: Creswell **Name:** Creswell Hobby Field

Branch: T08CE **Name:** Taxiway 08 Creswell **Use:** TAXIWAY **Area:** 17,317 SqFt

Section: 01 of 2 **From:** Hangars **To:** Taxiway 03 **Last Const.:** 9/2/1988

Surface: AC **Family:** 2024_Region2_Cat 4_Taxiway_AC **Zone:** 77S **Category:** H **Rank:** S

Area: 9,721 SqFt **Length:** 385 Ft **Width:** 25 Ft

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

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

Section Comments:

Work Date: 9/1/1988	**Work Type:** Base Course - Unknown (Major MR)	**Code:** BA-UN	**Is Major M&R:** True
Work Date: 9/2/1988	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 9/1/2003	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2006	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2011	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2017	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

Last Insp. Date: 8/1/2024 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 60

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5096.00 SqFt **PCI:** 57

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
41	ALLIGATOR CR	M	30.00	SqFt	0.6	24.3	
48	L & T CR	L	607.00	Ft	11.9	25.7	
57	WEATHERING	M	5096.00	SqFt	100.0	20.3	

Sample Number: 02 **Type:** R **Area:** 4625.00 SqFt **PCI:** 64

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
41	ALLIGATOR CR	M	12.00	SqFt	0.3	17.5	
48	L & T CR	L	436.00	Ft	9.4	22.5	
57	WEATHERING	M	4625.00	SqFt	100.0	20.3	

Network: Creswell **Name:** Creswell Hobby Field

Branch: T08CE **Name:** Taxiway 08 Creswell **Use:** TAXIWAY **Area:** 17,317 SqFt

Section: 02 of 2 **From:** Taxiway 03 **To:** Hangars **Last Const.:** 9/1/2020

Surface: AC **Family:** 2024_Region2_Cat 4_Taxiway_AC **Zone:** 77S **Category:** H **Rank:** S

Area: 7,596 SqFt **Length:** 300 Ft **Width:** 25 Ft

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

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

Section Comments:

Work Date: 9/1/1988	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 9/2/1988	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 9/1/2003	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2006	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/2/2006	**Work Type:** Patching - AC Deep	**Code:** PA-AD	**Is Major M&R:** False
Work Date: 9/1/2020	**Work Type:** Complete Reconstruction - AC	**Code:** CR-AC	**Is Major M&R:** True

Last Insp. Date: 8/1/2024 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3846.00 SqFt **PCI:** 94

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity	Density	Deduct	Comments
57	WEATHERING	L	3846.00 SqFt	100.0	6.0	

Sample Number: 02 **Type:** R **Area:** 3750.00 SqFt **PCI:** 94

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity	Density	Deduct	Comments
57	WEATHERING	L	3750.00 SqFt	100.0	6.0	

Network: Creswell **Name:** Creswell Hobby Field

Branch: T09CE **Name:** Taxiway 09 Creswell **Use:** TAXIWAY **Area:** 8,577 SqFt

Section: 01 of 2 **From:** Hangars **To:** Taxiway 03 **Last Const.:** 9/1/2019

Surface: AC **Family:** 2024_Region2_Cat 4_Taxiway_AC **Zone:** 77S **Category:** H **Rank:** S

Area: 5,486 SqFt **Length:** 385 Ft **Width:** 14 Ft

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

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

Section Comments:

Work Date: 9/1/1988	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 9/2/1988	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 9/1/2003	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2006	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2019	**Work Type:** Complete Reconstruction - AC	**Code:** CR-AC	**Is Major M&R:** True

Last Insp. Date: 8/1/2024 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5486.00 SqFt **PCI:** 94

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
57	WEATHERING	L	5486.00	SqFt	100.0	6.0	

Network: Creswell **Name:** Creswell Hobby Field

Branch: T09CE **Name:** Taxiway 09 Creswell **Use:** TAXIWAY **Area:** 8,577 SqFt

Section: 02 of 2 **From:** Taxiway 03 **To:** Apron 01 **Last Const.:** 9/1/2019

Surface: AC **Family:** 2024_Region2_Cat 4_Taxiway_AC **Zone:** 77S **Category:** H **Rank:** S

Area: 3,091 SqFt **Length:** 207 Ft **Width:** 14 Ft

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

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

Section Comments:

Work Date: 9/1/1988	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 9/2/1988	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 9/1/2000	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2006	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2019	**Work Type:** Complete Reconstruction - AC	**Code:** CR-AC	**Is Major M&R:** True

Last Insp. Date: 8/1/2024 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3090.00 SqFt **PCI:** 94

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
57	WEATHERING	L	3090.00	SqFt	100.0	6.0	

Network: Creswell **Name:** Creswell Hobby Field

Branch: T10CE **Name:** Taxiway 10 Creswell **Use:** TAXIWAY **Area:** 8,481 SqFt

Section: 01 of 1 **From:** Hangars **To:** Taxiway 03 **Last Const.:** 9/1/2007

Surface: AAC **Family:** 2024_Region2_Cat 4_Taxiway_AC **Zone:** 77S **Category:** H **Rank:** S

Area: 8,481 SqFt **Length:** 385 Ft **Width:** 22 Ft

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

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

Section Comments:

Work Date: 9/1/2002 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 9/1/2007 **Work Type:** Overlay - AC Thin **Code:** OL-AT **Is Major M&R:** True

Last Insp. Date: 8/1/2024 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 54

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4080.00 SqFt **PCI:** 46

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
41	ALLIGATOR CR	M	60.00	SqFt	1.5	33.1	
48	L & T CR	L	534.00	Ft	13.1	27.0	
57	WEATHERING	M	4050.00	SqFt	99.3	20.3	
57	WEATHERING	H	30.00	SqFt	0.7	7.1	

Sample Number: 02 **Type:** R **Area:** 4400.00 SqFt **PCI:** 60

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
41	ALLIGATOR CR	M	2.00	SqFt	0.0	10.0	
48	L & T CR	L	711.00	Ft	16.2	29.9	
57	WEATHERING	M	4400.00	SqFt	100.0	20.3	

Network: Creswell **Name:** Creswell Hobby Field

Branch: T11CE **Name:** Taxiway 11 Creswell **Use:** TAXIWAY **Area:** 9,159 SqFt

Section: 01 of 2 **From:** Apron 01 **To:** Taxiway 11 **Last Const.:** 9/2/1988

Surface: AC **Family:** 2024_Region2_Cat 4_Taxiway_AC **Zone:** 77S **Category:** H **Rank:** S

Area: 5,942 SqFt **Length:** 408 Ft **Width:** 14 Ft

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

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

Section Comments:

Work Date: 9/1/1988	**Work Type:** Base Course - Unknown (Major MR)	**Code:** BA-UN	**Is Major M&R:** True
Work Date: 9/2/1988	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 9/1/2000	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/2/2000	**Work Type:** Surface Seal - Fog Seal	**Code:** SS- FS	**Is Major M&R:** False
Work Date: 9/1/2003	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2006	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2011	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2014	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2017	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

Last Insp. Date: 8/1/2024 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 70

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5942.00 SqFt **PCI:** 70

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
41	ALLIGATOR CR	M	6.00	SqFt	0.1	10.1	
48	L & T CR	L	18.00	Ft	0.3	3.6	
48	L & T CR	L	320.00	Ft	5.4	15.6	
57	WEATHERING	M	5942.00	SqFt	100.0	20.3	

Network: Creswell **Name:** Creswell Hobby Field

Branch: T11CE **Name:** Taxiway 11 Creswell **Use:** TAXIWAY **Area:** 9,159 SqFt

Section: 02 of 2 **From:** Taxiway 11 **To:** Hangars **Last Const.:** 9/2/1988

Surface: AC **Family:** 2024_Region2_Cat 4_Taxiway_AC **Zone:** 77S **Category:** H **Rank:** S

Area: 3,217 SqFt **Length:** 240 Ft **Width:** 13 Ft

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

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

Section Comments:

Work Date: 9/1/1988	**Work Type:** Base Course - Unknown (Major MR)	**Code:** BA-UN	**Is Major M&R:** True
Work Date: 9/2/1988	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 9/1/2003	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2006	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2011	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2017	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

Last Insp. Date: 8/1/2024 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 47

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3217.00 SqFt **PCI:** 47

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
41	ALLIGATOR CR	M	72.00	SqFt	2.2	37.6	
48	L & T CR	L	257.00	Ft	8.0	20.3	
50	PATCHING	L	87.00	SqFt	2.7	6.8	
57	WEATHERING	M	3217.00	SqFt	100.0	20.3	

Network: Creswell **Name:** Creswell Hobby Field

Branch: T12CE **Name:** Taxiway 12 Creswell **Use:** TAXIWAY **Area:** 4,122 SqFt

Section: 01 of 1 **From:** Apron 01 **To:** Hangars **Last Const.:** 9/2/1988

Surface: AC **Family:** 2024_Region2_Cat 4_Taxiway_AC **Zone:** 77S **Category:** H **Rank:** S

Area: 4,122 SqFt **Length:** 340 Ft **Width:** 12 Ft

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

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

Section Comments:

Work Date: 9/1/1988	**Work Type:** Base Course - Unknown (Major MR)	**Code:** BA-UN	**Is Major M&R:** True
Work Date: 9/2/1988	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 9/1/2000	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2006	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2011	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/2/2011	**Work Type:** Crack Seal - Wide Cracks	**Code:** CS-WD	**Is Major M&R:** False
Work Date: 9/1/2014	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2017	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/2/2017	**Work Type:** Crack Seal - Wide Cracks	**Code:** CS-WD	**Is Major M&R:** False

Last Insp. Date: 8/1/2024 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 80

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4122.00 SqFt **PCI:** 80

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
48	L & T CR	L	25.00	Ft	0.6	4.2	
48	L & T CR	M	8.00	Ft	0.2	5.1	
50	PATCHING	L	22.00	SqFt	0.5	2.5	
50	PATCHING	M	20.00	SqFt	0.5	8.0	
57	WEATHERING	L	4122.00	SqFt	100.0	6.0	

Network: Creswell **Name:** Creswell Hobby Field

Branch: T13CE **Name:** Taxiway 13 Creswell **Use:** TAXIWAY **Area:** 16,778 SqFt

Section: 01 of 1 **From:** Hangars **To:** Taxiway 01 **Last Const.:** 9/1/1988

Surface: AC **Family:** 2024_Region2_Cat 4_Taxiway_AC **Zone:** 77S **Category:** H **Rank:** S

Area: 16,778 SqFt **Length:** 464 Ft **Width:** 35 Ft

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

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

Section Comments:

Work Date: 9/1/1988	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 9/1/1988	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 9/1/1988	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 9/1/2000	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/2/2000	**Work Type:** Surface Seal - Fog Seal	**Code:** SS- FS	**Is Major M&R:** False
Work Date: 9/1/2003	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2006	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2011	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 6/1/2017	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

Last Insp. Date: 8/1/2024 **TotalSamples:** 3 **Surveyed:** 2

Conditions: **PCI:** 75

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5250.00 SqFt **PCI:** 75

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
48	L & T CR	L	269.00	Ft	5.1	15.0	
57	WEATHERING	M	5250.00	SqFt	100.0	20.3	

Sample Number: 02 **Type:** R **Area:** 5250.00 SqFt **PCI:** 75

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
48	L & T CR	L	344.00	Ft	6.6	17.8	
57	WEATHERING	M	5250.00	SqFt	100.0	20.3	

Network: Creswell **Name:** Creswell Hobby Field

Branch: THANGARCE **Name:** Hangar Taxiway Creswell **Use:** TAXIWAY **Area:** 4,674 SqFt

Section: 01 of 1 **From:** Taxiway 01 **To:** Hangar **Last Const.:** 6/1/2014

Surface: AC **Family:** 2024_Region2_Cat 4_Taxiway_AC **Zone:** 77S **Category:** H **Rank:** S

Area: 4,674 SqFt **Length:** 125 Ft **Width:** 30 Ft

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

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

Section Comments:

Work Date: 6/1/2014 **Work Type:** New Construction - Initial **Code:** NC-IN **Is Major M&R:** True

Last Insp. Date: 8/1/2024 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 76

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4674.00 SqFt **PCI:** 76

Sample Comments: Created by Inspection Schedule

Distress	Description	Severity	Quantity		Density	Deduct	Comments
48	L & T CR	L	130.00	Ft	2.8	9.5	
48	L & T CR	L	84.00	Ft	1.8	6.9	
48	L & T CR	M	15.00	Ft	0.3	6.7	
57	WEATHERING	L	4674.00	SqFt	100.0	6.0	

APPENDIX F

Work History Report

Pavement Database: ODAV_2024_11-13-24

Network: Creswell Hobby Field **Branch:** A01CE Apron 01 Creswell **Section:** 01 **Surface:**AC

L.C.D. 9/3/1988 **Use:** APRON **Rank:** P **Length:** 580.00 (Ft) **Width:** 495.00 (Ft) **True Area:** 170706 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
6/1/2017	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
9/2/2014	PA-AD	Patching - AC Deep	0.00	0.00	☐	
9/1/2014	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
6/1/2011	CS-AC	Crack Sealing - AC	0.00	0.00	☐	PMP 2011
9/1/2006	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/1/2003	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/3/1988	NC-AC	New Construction - AC	0.00	2.00	☑	
9/2/1988	BA-AG	Base Course - Aggregate	0.00	4.00	☐	1"-0
9/1/1988	SB-AG	Subbase - Aggregate	0.00	12.00	☐	3"-0

Network: Creswell Hobby Field **Branch:** ANHOLDCE North Hold Apron **Section:** 01 **Surface:**AC

L.C.D. 9/3/1987 **Use:** APRON **Rank:** P **Length:** 143.00 (Ft) **Width:** 40.00 (Ft) **True Area:** 3645 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
6/1/2017	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
9/1/2014	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
6/2/2011	CS-WD	Crack Seal - Wide Cracks	0.00	0.00	☐	PMP 2011
6/1/2011	CS-AC	Crack Sealing - AC	0.00	0.00	☐	PMP 2011
9/1/2006	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/1/2003	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/3/1987	NC-AC	New Construction - AC	0.00	2.00	☑	
9/2/1987	BA-AG	Base Course - Aggregate	0.00	4.00	☐	1"-0
9/1/1987	SB-AG	Subbase - Aggregate	0.00	12.00	☐	3"-0

Network: Creswell Hobby Field **Branch:** ASHOLDCE South Hold Apron **Section:** 01 **Surface:**AC

L.C.D. 9/3/1987 **Use:** APRON **Rank:** P **Length:** 146.00 (Ft) **Width:** 40.00 (Ft) **True Area:** 3690 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2014	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
6/2/2011	CS-WD	Crack Seal - Wide Cracks	0.00	0.00	☐	PMP 2011
6/1/2011	CS-AC	Crack Sealing - AC	0.00	0.00	☐	PMP 2011
9/1/2006	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/1/2003	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/3/1987	NC-AC	New Construction - AC	0.00	2.00	☑	
9/2/1987	BA-AG	Base Course - Aggregate	0.00	4.00	☐	1"-0
9/1/1987	SB-AG	Subbase - Aggregate	0.00	12.00	☐	3"-0

Pavement Database: ODAV_2024_11-13-24

Network: Creswell Hobby Field **Branch:** R15CE Runway 15/33 Cre **Section:** 01 **Surface:** AC

L.C.D. 9/1/2022 **Use:** RUNWAY **Rank:** P **Length:** 3,100.00 (Ft) **Width:** 60.00 (Ft) **True Area:** 186000 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2022	MOL	Cold Mill and Overlay	0.00	0.00	☑	Unknown Thickness
6/3/2017	OR-SS	Oregon Slurry Seal	0.00	0.00	☐	
6/2/2017	CS-WD	Crack Seal - Wide Cracks	0.00	0.00	☐	
6/1/2017	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
9/1/2014	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
6/4/2011	SS-ST	Slurry Seal	0.00	0.00	☐	PMP 2011
6/3/2011	PA-AD	Patching - AC Deep	0.00	0.00	☐	PMP 2011
6/2/2011	CS-WD	Crack Seal - Wide Cracks	0.00	0.00	☐	PMP 2011
6/1/2011	CS-AC	Crack Sealing - AC	0.00	0.00	☐	PMP 2011
9/1/2006	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/1/2003	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/3/1987	NC-AC	New Construction - AC	0.00	2.00	☑	
9/2/1987	BA-AG	Base Course - Aggregate	0.00	4.00	☐	1"-0
9/1/1987	SB-AG	Subbase - Aggregate	0.00	12.00	☐	3"-0

Network: Creswell Hobby Field **Branch:** T01CE Taxiway 01 Cresw **Section:** 01 **Surface:** AC

L.C.D. 9/3/1987 **Use:** TAXIWAY **Rank:** P **Length:** 3,100.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 120388 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
6/1/2017	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
9/1/2014	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
6/2/2011	CS-WD	Crack Seal - Wide Cracks	0.00	0.00	☐	PMP 2011
6/1/2011	CS-AC	Crack Sealing - AC	0.00	0.00	☐	PMP 2011
9/1/2006	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/1/2003	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/3/1987	NC-AC	New Construction - AC	0.00	2.00	☑	
9/2/1987	BA-AG	Base Course - Aggregate	0.00	4.00	☐	1"-0
9/1/1987	SB-AG	Subbase - Aggregate	0.00	12.00	☐	3"-0

Network: Creswell Hobby Field **Branch:** T02CE Taxiway 02 Cresw **Section:** 01 **Surface:** AC

L.C.D. 9/1/2022 **Use:** TAXIWAY **Rank:** P **Length:** 86.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 3455 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2022	MOL	Cold Mill and Overlay	0.00	0.00	☑	Unknown Thickness
6/1/2017	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
9/1/2014	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
6/2/2011	CS-WD	Crack Seal - Wide Cracks	0.00	0.00	☐	PMP 2011
6/1/2011	CS-AC	Crack Sealing - AC	0.00	0.00	☐	PMP 2011
9/1/2006	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/1/2003	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/3/1987	NC-AC	New Construction - AC	0.00	2.00	☑	
9/2/1987	BA-AG	Base Course - Aggregate	0.00	4.00	☐	1"-0
9/1/1987	SB-AG	Subbase - Aggregate	0.00	12.00	☐	3"-0

Network: Creswell Hobby Field **Branch:** T02CE Taxiway 02 Cresw **Section:** 02 **Surface:**AC
L.C.D. 9/3/1987 **Use:** TAXIWAY **Rank:** P **Length:** 3,100.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 2405 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
6/1/2017	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
9/1/2014	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
6/2/2011	CS-WD	Crack Seal - Wide Cracks	0.00	0.00	☐	PMP 2011
6/1/2011	CS-AC	Crack Sealing - AC	0.00	0.00	☐	PMP 2011
9/1/2006	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/1/2003	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/3/1987	NC-AC	New Construction - AC	0.00	2.00	☑	
9/2/1987	BA-AG	Base Course - Aggregate	0.00	4.00	☐	1"-0
9/1/1987	SB-AG	Subbase - Aggregate	0.00	12.00	☐	3"-0

Network: Creswell Hobby Field **Branch:** T03CE Taxiway 03 Cresw **Section:** 01 **Surface:**AC
L.C.D. 9/3/1987 **Use:** TAXIWAY **Rank:** P **Length:** 145.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 6813 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
6/1/2017	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
6/2/2011	CS-WD	Crack Seal - Wide Cracks	0.00	0.00	☐	PMP 2011
6/1/2011	CS-AC	Crack Sealing - AC	0.00	0.00	☐	PMP 2011
9/1/2006	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/1/2003	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/1/2000	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/3/1987	NC-AC	New Construction - AC	0.00	2.00	☑	
9/2/1987	BA-AG	Base Course - Aggregate	0.00	4.00	☐	1"-0
9/1/1987	SB-AG	Subbase - Aggregate	0.00	12.00	☐	3"-0

Network: Creswell Hobby Field **Branch:** T04CE Taxiway Connecto **Section:** 01 **Surface:**AC
L.C.D. 9/1/2022 **Use:** TAXIWAY **Rank:** P **Length:** 112.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 4381 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2022	MOL	Cold Mill and Overlay	0.00	0.00	☑	Unknown Thickness
6/1/2017	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
9/1/2014	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
6/2/2011	CS-WD	Crack Seal - Wide Cracks	0.00	0.00	☐	PMP 2011
6/1/2011	CS-AC	Crack Sealing - AC	0.00	0.00	☐	PMP 2011
9/1/2006	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/1/2003	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/3/1987	NC-AC	New Construction - AC	0.00	2.00	☑	
9/2/1987	BA-AG	Base Course - Aggregate	0.00	4.00	☐	1"-0
9/1/1987	SB-AG	Subbase - Aggregate	0.00	12.00	☐	3"-0

Network: Creswell Hobby Field **Branch:** T04CE Taxiway Connecto **Section:** 02 **Surface:**AC

L.C.D. 9/3/1987 **Use:** TAXIWAY **Rank:** P **Length:** 31.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 1475 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
6/1/2017	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
9/1/2014	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
6/2/2011	CS-WD	Crack Seal - Wide Cracks	0.00	0.00	☐	PMP 2011
6/1/2011	CS-AC	Crack Sealing - AC	0.00	0.00	☐	PMP 2011
9/1/2006	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/1/2003	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/3/1987	NC-AC	New Construction - AC	0.00	2.00	☑	
9/2/1987	BA-AG	Base Course - Aggregate	0.00	4.00	☐	1"-0
9/1/1987	SB-AG	Subbase - Aggregate	0.00	12.00	☐	3"-0

Network: Creswell Hobby Field **Branch:** T05CE Taxiway 05 Cresw **Section:** 01 **Surface:**AC

L.C.D. 9/1/1999 **Use:** TAXIWAY **Rank:** S **Length:** 433.00 (Ft) **Width:** 22.00 (Ft) **True Area:** 9996 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
6/1/2017	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
9/1/2014	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
6/2/2011	CS-WD	Crack Seal - Wide Cracks	0.00	0.00	☐	PMP 2011
6/1/2011	CS-AC	Crack Sealing - AC	0.00	0.00	☐	PMP 2011
9/2/2006	PA-AD	Patching - AC Deep	0.00	0.00	☐	
9/1/2006	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/1/1999	NC-AC	New Construction - AC	0.00	0.00	☑	UNKNOWN, circa 1999

Network: Creswell Hobby Field **Branch:** T05CE Taxiway 05 Cresw **Section:** 02 **Surface:**AC

L.C.D. 9/2/1988 **Use:** TAXIWAY **Rank:** S **Length:** 430.00 (Ft) **Width:** 25.00 (Ft) **True Area:** 11050 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
5/13/2019	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
9/1/2014	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
6/1/2011	CS-AC	Crack Sealing - AC	0.00	0.00	☐	PMP 2011
9/2/2006	PA-AD	Patching - AC Deep	0.00	0.00	☐	
9/1/2006	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/1/2003	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/2/1988	NC-AC	New Construction - AC	0.00	2.00	☑	
9/1/1988	BA-AG	Base Course - Aggregate	0.00	8.00	☐	1"-0

Network: Creswell Hobby Field **Branch:** T06CE Taxiway 06 Cresw **Section:** 01 **Surface:**AC

L.C.D. 9/1/1998 **Use:** TAXIWAY **Rank:** S **Length:** 385.00 (Ft) **Width:** 24.00 (Ft) **True Area:** 9240 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
6/2/2017	PA-AS	Patching - AC Shallow	0.00	0.00	☐	
6/1/2017	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
9/2/2014	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
6/1/2011	CS-AC	Crack Sealing - AC	0.00	0.00	☐	PMP 2011
9/1/2006	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/1/1998	NC-AC	New Construction - AC	0.00	0.00	☑	UNKNOWN X-SECT, c 1998

Network: Creswell Hobby Field **Branch:** T06CE Taxiway 06 Cresw **Section:** 02 **Surface:**AC
L.C.D. 9/1/2020 **Use:** TAXIWAY **Rank:** S **Length:** 305.00 (Ft) **Width:** 21.00 (Ft) **True Area:** 6405 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2020	CR-AC	Complete Reconstruction - AC	32,025.00	0.00	☑	Unknown Thickness
9/1/1999	SS-CT	Surface Seal - Coal Tar	0.00	0.50	☐	
9/1/1988	NC-AC	New Construction - AC	0.00	0.00	☑	UNKNOWN, circa 1988

Network: Creswell Hobby Field **Branch:** T07CE Taxiway 07 Cresw **Section:** 01 **Surface:**AC
L.C.D. 9/2/1990 **Use:** TAXIWAY **Rank:** S **Length:** 385.00 (Ft) **Width:** 25.00 (Ft) **True Area:** 9721 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
6/1/2017	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
9/1/2014	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
6/1/2011	CS-AC	Crack Sealing - AC	0.00	0.00	☐	PMP 2011
9/1/2006	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/1/2003	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/2/1990	NC-AC	New Construction - AC	0.00	0.00	☑	UNKNOWN, circa 1990
9/1/1990	BA-UN	Base Course - Unknown (Major MR)	0.00	0.00	☑	circa 1990

Network: Creswell Hobby Field **Branch:** T07CE Taxiway 07 Cresw **Section:** 02 **Surface:**AC
L.C.D. 9/1/2020 **Use:** TAXIWAY **Rank:** S **Length:** 298.00 (Ft) **Width:** 16.00 (Ft) **True Area:** 4864 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2020	CR-AC	Complete Reconstruction - AC	24,320.00	0.00	☑	Unknown Thickness
9/1/2003	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/1/1999	SS-CT	Surface Seal - Coal Tar	0.00	0.50	☐	
9/2/1988	NC-AC	New Construction - AC	0.00	0.00	☑	circa 1988, unk. thickness
9/1/1988	BA-UN	Base Course - Unknown (Major MR)	0.00	0.00	☑	circa 1988

Network: Creswell Hobby Field **Branch:** T08CE Taxiway 08 Cresw **Section:** 01 **Surface:**AC
L.C.D. 9/2/1988 **Use:** TAXIWAY **Rank:** S **Length:** 385.00 (Ft) **Width:** 25.00 (Ft) **True Area:** 9721 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
6/1/2017	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
6/1/2011	CS-AC	Crack Sealing - AC	0.00	0.00	☐	PMP 2011
9/1/2006	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/1/2003	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/2/1988	NC-AC	New Construction - AC	0.00	0.00	☑	circa 1988, unk. thickness
9/1/1988	BA-UN	Base Course - Unknown (Major MR)	0.00	0.00	☑	circa 1988

Network: Creswell Hobby Field **Branch:** T08CE Taxiway 08 Cresw **Section:** 02 **Surface:**AC

L.C.D. 9/1/2020 **Use:** TAXIWAY **Rank:** S **Length:** 300.00 (Ft) **Width:** 25.00 (Ft) **True Area:** 7596 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2020	CR-AC	Complete Reconstruction - AC	37,980.00	0.00	☑	Unknown Thickness
9/2/2006	PA-AD	Patching - AC Deep	0.00	0.00	☐	
9/1/2006	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/1/2003	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/2/1988	NC-AC	New Construction - AC	0.00	2.00	☑	
9/1/1988	BA-AG	Base Course - Aggregate	0.00	8.00	☐	1"-0

Network: Creswell Hobby Field **Branch:** T09CE Taxiway 09 Cresw **Section:** 01 **Surface:**AC

L.C.D. 9/1/2019 **Use:** TAXIWAY **Rank:** S **Length:** 385.00 (Ft) **Width:** 14.00 (Ft) **True Area:** 5486 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2019	CR-AC	Complete Reconstruction - AC	27,430.00	0.00	☑	Unknown Thickness
9/1/2006	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/1/2003	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/2/1988	NC-AC	New Construction - AC	0.00	2.00	☑	
9/1/1988	BA-AG	Base Course - Aggregate	0.00	8.00	☐	1"-0

Network: Creswell Hobby Field **Branch:** T09CE Taxiway 09 Cresw **Section:** 02 **Surface:**AC

L.C.D. 9/1/2019 **Use:** TAXIWAY **Rank:** S **Length:** 207.00 (Ft) **Width:** 14.00 (Ft) **True Area:** 3091 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2019	CR-AC	Complete Reconstruction - AC	15,455.00	0.00	☑	Unknown Thickness
9/1/2006	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/1/2000	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/2/1988	NC-AC	New Construction - AC	0.00	2.00	☑	
9/1/1988	BA-AG	Base Course - Aggregate	0.00	8.00	☐	1"-0

Network: Creswell Hobby Field **Branch:** T10CE Taxiway 10 Cresw **Section:** 01 **Surface:**AAC

L.C.D. 9/1/2007 **Use:** TAXIWAY **Rank:** S **Length:** 385.00 (Ft) **Width:** 22.00 (Ft) **True Area:** 8481 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2007	OL-AT	Overlay - AC Thin	0.00	0.00	☑	Unknown thickness, circa 2007
9/1/2002	NC-AC	New Construction - AC	0.00	0.00	☑	UNKNOWN, circa 2002

Network: Creswell Hobby Field **Branch:** T11CE Taxiway 11 Cresw **Section:** 01 **Surface:**AC
L.C.D. 9/2/1988 **Use:** TAXIWAY **Rank:** S **Length:** 408.00 (Ft) **Width:** 14.00 (Ft) **True Area:** 5942 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
6/1/2017	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
9/1/2014	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
6/1/2011	CS-AC	Crack Sealing - AC	0.00	0.00	☐	PMP 2011
9/1/2006	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/1/2003	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/2/2000	SS- FS	Surface Seal - Fog Seal	0.00	0.00	☐	
9/1/2000	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/2/1988	NC-AC	New Construction - AC	0.00	0.00	☑	circa 1988, unk. thickness
9/1/1988	BA-UN	Base Course - Unknown (Major MR)	0.00	0.00	☑	circa 1988

Network: Creswell Hobby Field **Branch:** T11CE Taxiway 11 Cresw **Section:** 02 **Surface:**AC
L.C.D. 9/2/1988 **Use:** TAXIWAY **Rank:** S **Length:** 240.00 (Ft) **Width:** 13.00 (Ft) **True Area:** 3217 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
6/1/2017	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
6/1/2011	CS-AC	Crack Sealing - AC	0.00	0.00	☐	PMP 2011
9/1/2006	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/1/2003	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/2/1988	NC-AC	New Construction - AC	0.00	0.00	☑	circa 1988, unk. thickness
9/1/1988	BA-UN	Base Course - Unknown (Major MR)	0.00	0.00	☑	circa 1988

Network: Creswell Hobby Field **Branch:** T12CE Taxiway 12 Cresw **Section:** 01 **Surface:**AC
L.C.D. 9/2/1988 **Use:** TAXIWAY **Rank:** S **Length:** 340.00 (Ft) **Width:** 12.00 (Ft) **True Area:** 4122 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
6/2/2017	CS-WD	Crack Seal - Wide Cracks	0.00	0.00	☐	
6/1/2017	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
9/1/2014	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
6/2/2011	CS-WD	Crack Seal - Wide Cracks	0.00	0.00	☐	PMP 2011
6/1/2011	CS-AC	Crack Sealing - AC	0.00	0.00	☐	PMP 2011
9/1/2006	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/1/2000	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/2/1988	NC-AC	New Construction - AC	0.00	0.00	☑	circa 1988, unk. thickness
9/1/1988	BA-UN	Base Course - Unknown (Major MR)	0.00	0.00	☑	circa 1988

Network: Creswell Hobby Field **Branch:** T13CE Taxiway 13 Cresw **Section:** 01 **Surface:**AC

L.C.D. 9/1/1988 **Use:** TAXIWAY **Rank:** S **Length:** 464.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 16778 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
6/1/2017	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
6/1/2011	CS-AC	Crack Sealing - AC	0.00	0.00	☐	PMP 2011
9/1/2006	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/1/2003	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/2/2000	SS- FS	Surface Seal - Fog Seal	0.00	0.00	☐	
9/1/2000	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
9/1/1988	NC-AC	New Construction - AC	0.00	2.00	☑	
9/1/1988	BA-AG	Base Course - Aggregate	0.00	4.00	☐	1"-0
9/1/1988	SB-AG	Subbase - Aggregate	0.00	12.00	☐	3"-0

Network: Creswell Hobby Field **Branch:** THANGARC Hangar Taxiway C **Section:** 01 **Surface:**AC

L.C.D. 6/1/2014 **Use:** TAXIWAY **Rank:** S **Length:** 125.00 (Ft) **Width:** 30.00 (Ft) **True Area:** 4674 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
6/1/2014	NC-IN	New Construction - Initial	0.00	0.00	☑	

Summary:

Work Description	Section Count	Area Total (SqFt)	Thickness Avg (in)	Thickness STD (in)
Base Course - Unknown (Major MR)	6	37,587.00	0.00	0.00
Base Course - Aggregate	15	546,959.00	5.07	1.77
Cold Mill and Overlay	3	193,836.00	0.00	0.00
Complete Reconstruction - AC	5	27,442.00	0.00	0.00
Crack Seal - Wide Cracks	13	536,492.00	0.00	0.00
Crack Sealing - AC	98	2,921,013.01	0.05	0.05
New Construction - AC	25	618,668.00	1.20	0.98
New Construction - Initial	1	4,674.00	0.00	0.00
Oregon Slurry Seal	1	186,000.00	0.00	0.00
Overlay - AC Thin	1	8,481.00	0.00	0.00
Patching - AC Deep	5	385,348.00	0.00	0.00
Patching - AC Shallow	1	9,240.00	0.00	0.00
Slurry Seal	1	186,000.00	0.00	0.00
Subbase - Aggregate	11	519,736.00	12.00	0.00
Surface Seal - Coal Tar	2	11,269.00	0.50	0.00
Surface Seal - Fog Seal	2	22,720.00	0.00	0.00