2023 ODAV Pavement Evaluation Program Aurora State Airport

Aurora, Oregon

December 29, 2023

Prepared for

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1 OVERVIEW

GRI assisted with updating the Oregon Department of Aviation (ODAV) airport pavement management system and developing a five-year plan comprised of maintenance, surface treatment, rehabilitation, and reconstruction projects for the Aurora State Airport in Aurora, 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 Aurora State Airport in 2023 in accordance with the procedures of Advisory Circular 150/5380-7B and ASTM International (ASTM) D5340. We uploaded the survey data into the PAVER database and used the software to provide a rapid calculation of the pavement condition index (PCI) rating. The PCI is a numerical indicator that defines the functional condition of the pavement based on visual inspection. The scale ranges from zero to 100, where zero represents a pavement in the worst possible condition with no remaining functional life and 100 represents a pavement in the best possible condition with no defects.

2 PAVEMENT INVENTORY

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

Figure 2.1: AURORA STATE AIRPORT LOCATION MAP

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

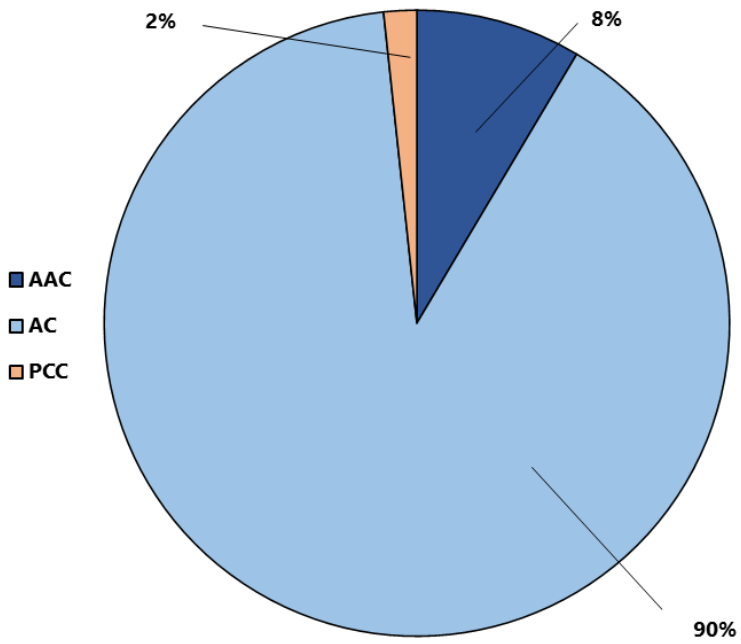


Figure 2.2: AURORA STATE AIRPORT PERCENT OF PAVEMENT AREA BY SURFACE TYPE

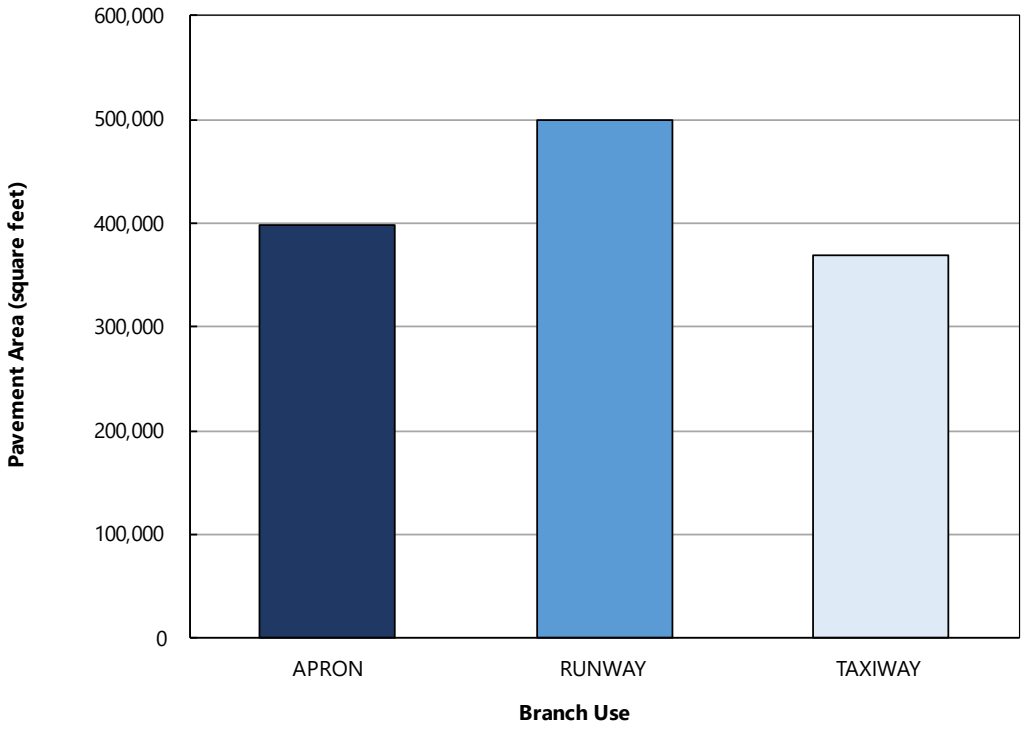
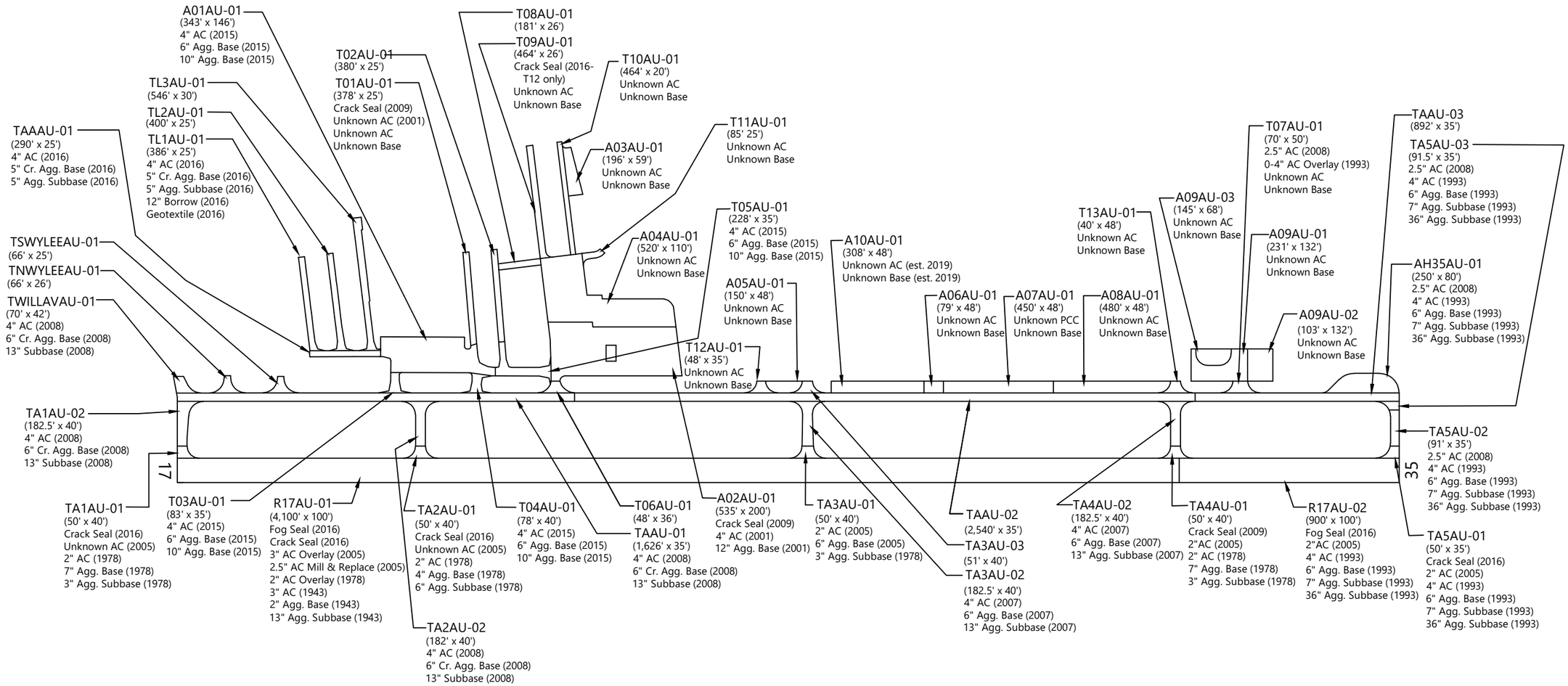


Figure 2.3: AURORA STATE AIRPORT PAVEMENT AREA BY BRANCH USE



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

N

0 450 900 FEET

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STATEWIDE PAVEMENT EVALUATION PROGRAM

AURORA STATE AIRPORT
PAVEMENT INVENTORY

DEC. 2023 JOB NO. 6593-F FIG. 2.4

3 PAVEMENT CONDITION INSPECTION RESULTS

3.1 Introduction

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

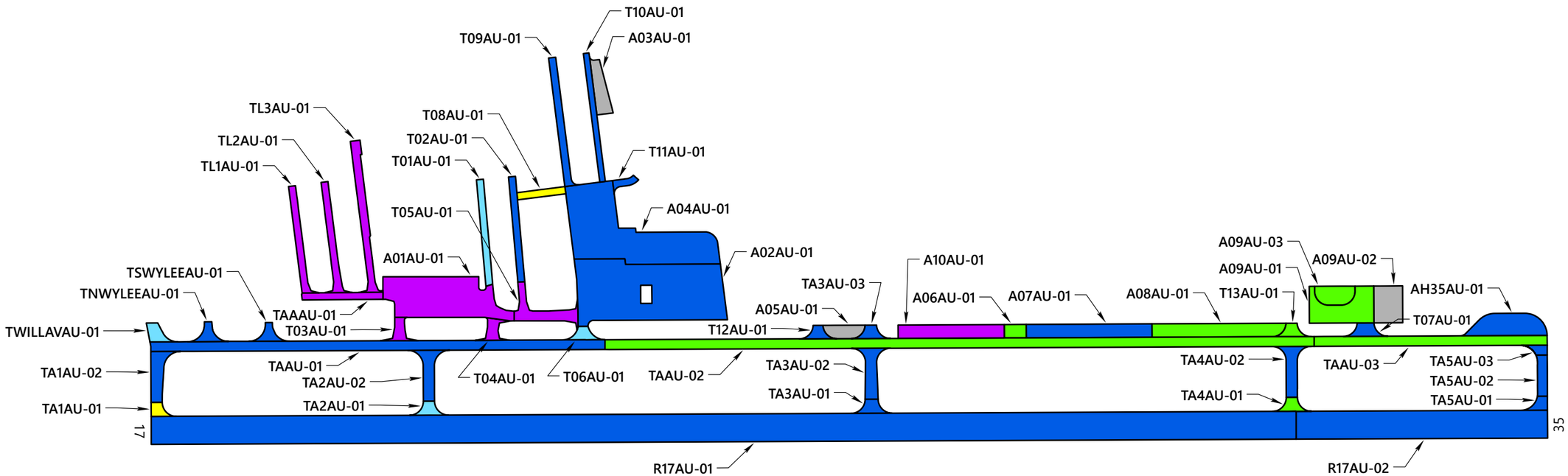
The PCI is based on the type, severity, and quantity of each distress found in an inspected sample unit. Further discussion of distress types for flexible and rigid pavement is provided in Appendix B and summarized in Table 1B in Appendix B. The results of the PCI survey are displayed using a seven-category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

3.2 Pavement Condition Index Survey Results

The area-weighted average PCI for all airport pavements at Aurora State Airport is approximately 62. The section PCIs ranged from a low of 18 to a high of 94. The primary distresses observed during the inspection were weathering, longitudinal and transverse cracking, fatigue (alligator) cracking, block cracking, and patching on AC-surfaced pavements, and linear cracking and shattered slabs on PCC pavements. Section PCIs following our pavement survey are displayed below spatially on the Aurora State Airport 2023 PCI Survey Results, Figure 3.1.



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

0 400 800 Feet

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STATEWIDE PAVEMENT EVALUATION PROGRAM

AURORA STATE AIRPORT
2023 PCI SURVEY RESULTS

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The condition distribution of the network by percent of total pavement area is provided on the Aurora State Airport Pavement Condition Rating by Percent of Area, Figure 3.2. A summary of the pavement condition results by branch and section is included in Tables 2B and 3B of Appendix B, respectively. A comparison between the previous inspection and the 2023 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.

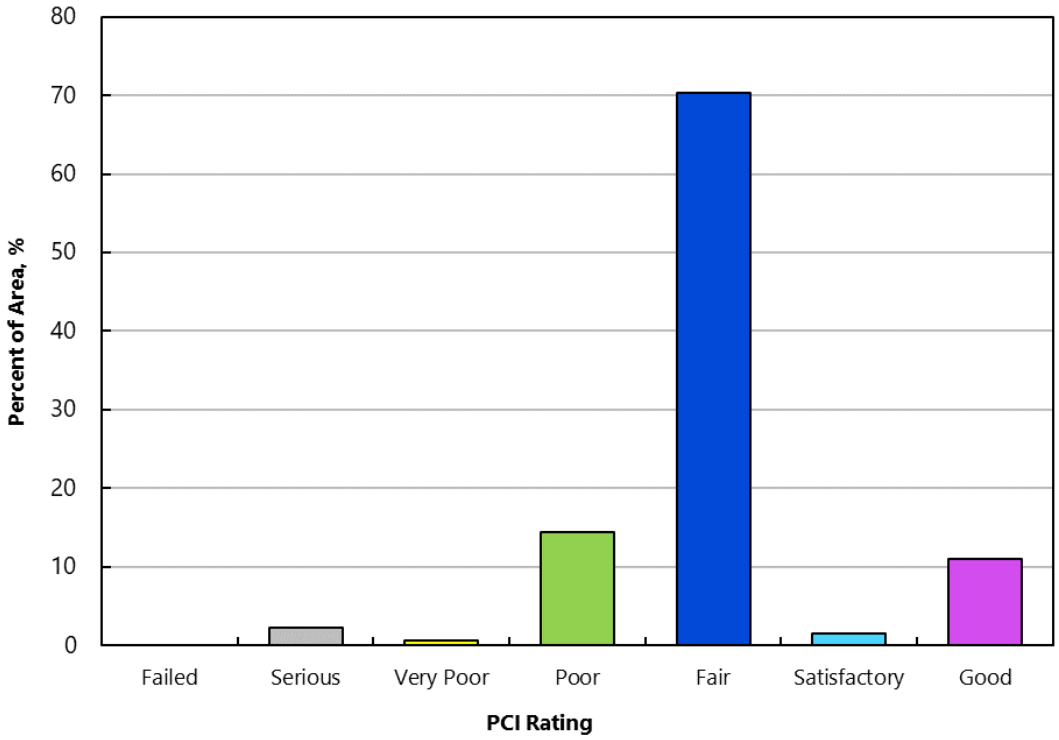


Figure 3.2: AURORA STATE AIRPORT PAVEMENT CONDITION RATING BY PERCENT OF AREA

4 FUTURE PAVEMENT CONDITION ANALYSIS

4.1 Introduction

In addition to assessing the current condition of a pavement, it is very important from a planning standpoint to be able to predict with reasonable accuracy the future condition. Additional details regarding our future pavement condition analysis, including pavement condition prediction models, are provided in Appendix C. PCI performance curves developed for Aurora State Airport are displayed on Figures 1C through 4C 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 62 to a value of 57 in 2028 and 51 in 2033 if no maintenance or rehabilitation work is performed. The projected pavement condition in 5 years and 10 years for each pavement section at Aurora State Airport is displayed spatially on the Aurora State Airport Future Pavement Condition, Figure 4.1, and listed in Table 1C in Appendix C, along with the past and present PCI values for the pavement network.

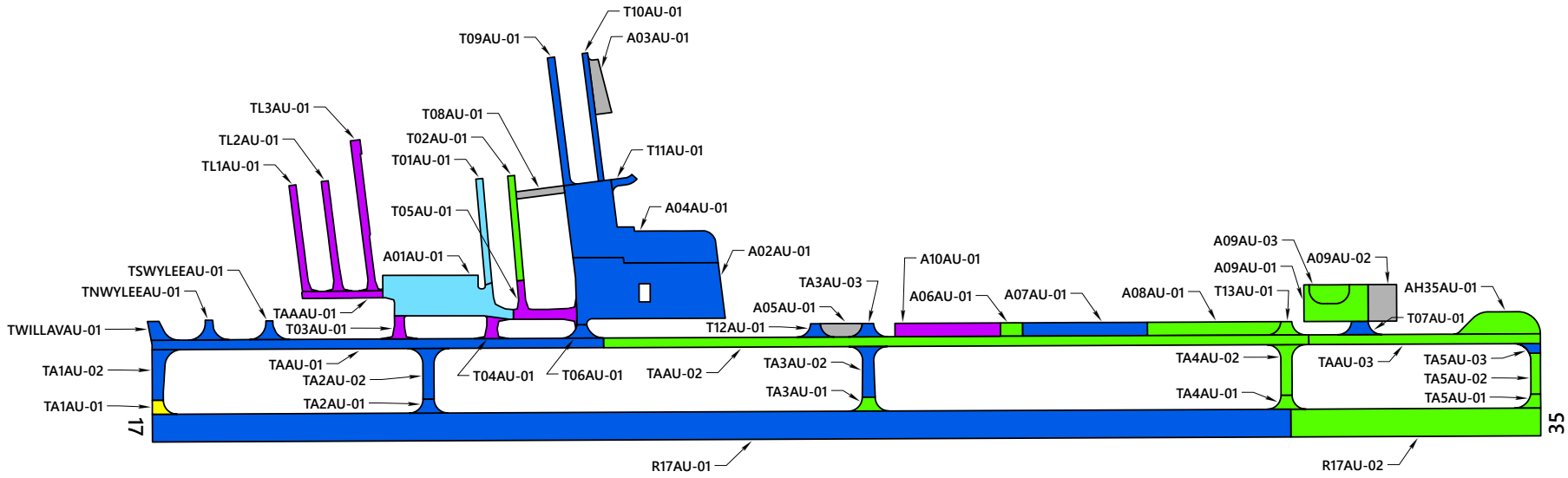
4.3 Functional Remaining Life

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

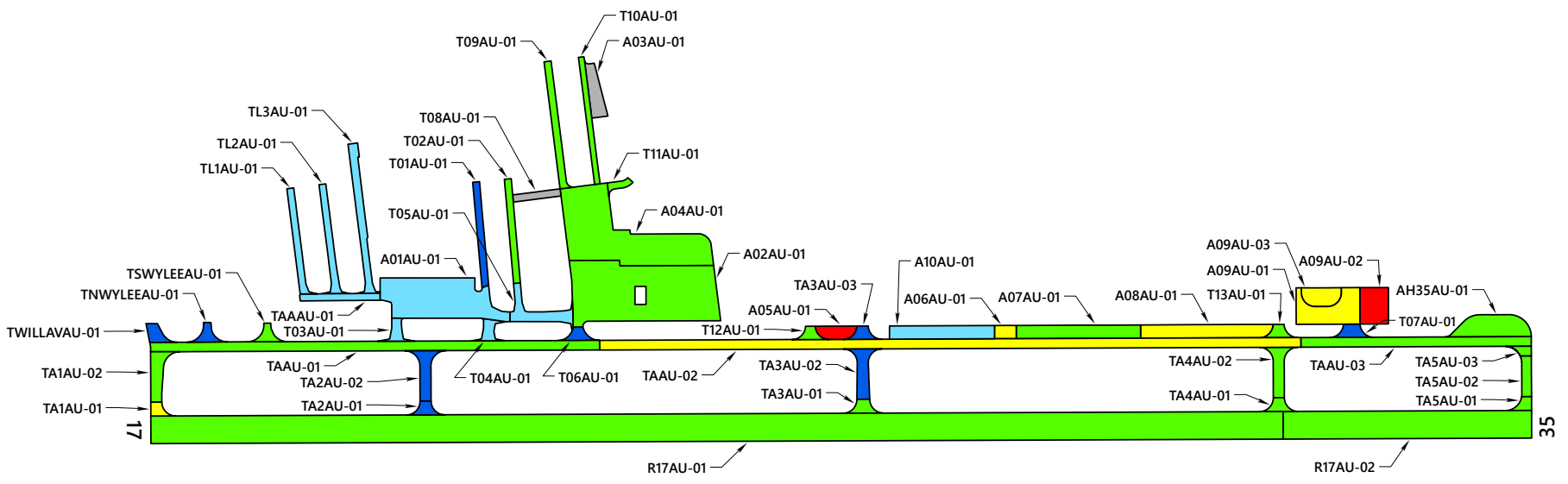
We calculated two forms of functional remaining life based on the current visual condition surveys of the pavement at Aurora State Airport. The first type of functional remaining life is the time until rehabilitation, such as an overlay, is needed. The critical PCI, further discussed in Section C.3 of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

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

PREDICTED CONDITION IN 2028



PREDICTED CONDITION IN 2033



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

0 600 1,200 Feet

OREGON DEPARTMENT OF AVIATION
STATEWIDE PAVEMENT EVALUATION PROGRAM

AURORA STATE AIRPORT
FUTURE PAVEMENT CONDITION

DEC. 2023 JOB NO. 6593-F FIG. 4.1

5 MAINTENANCE AND REHABILITATION PROJECT RECOMMENDATIONS

5.1 Introduction

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

5.2 Recommended Localized Maintenance

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

Table 5-1: LOCALIZED MAINTENANCE QUANTITIES

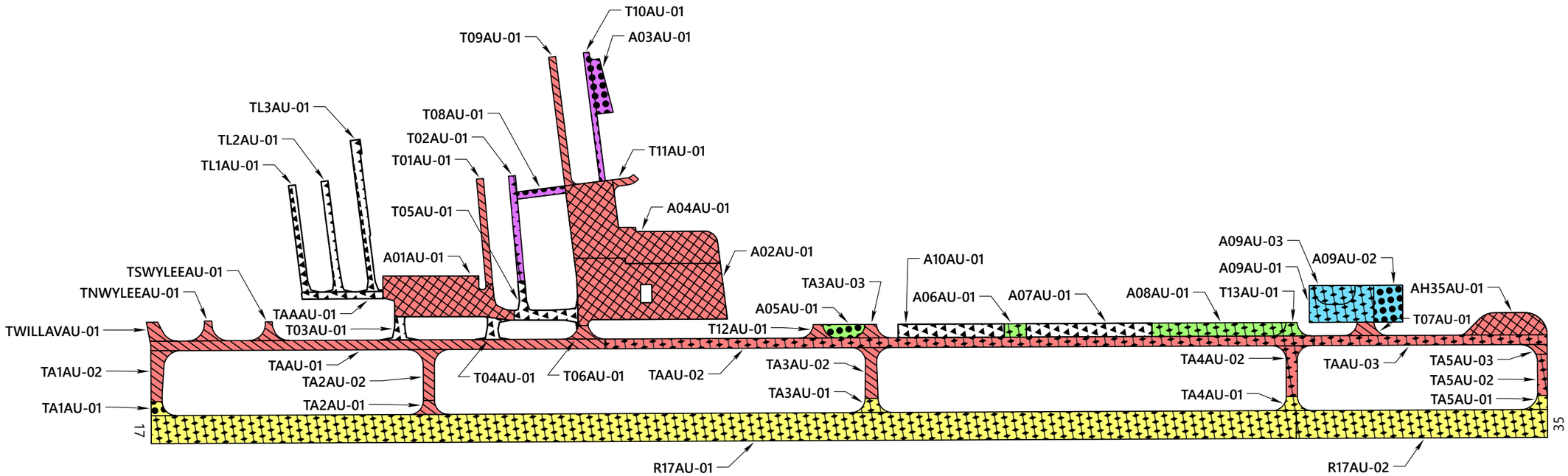
Localized Maintenance Operation	Quantity
Asphalt Concrete Crack Sealing	167,300 linear feet
Portland Cement Concrete Crack Sealing	7,698 linear feet
Asphalt Concrete Full-Depth Patching	500 square feet

5.3 Surface Treatment, Rehabilitation, and Reconstruction Plan

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

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

Treatment Type	Quantity, square feet
Reconstruction	45,275
Overlay	767,616
Fog Seal	272,503
Slurry Seal	135,443



ACTION TIMING

- 2024
- 2025
- 2026
- 2027
- 2028

ACTION

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

N

0 400 800 Feet

GRI OREGON DEPARTMENT OF AVIATION
STATEWIDE PAVEMENT EVALUATION PROGRAM

AURORA STATE AIRPORT

5-YEAR PAVEMENT MANAGEMENT PLAN

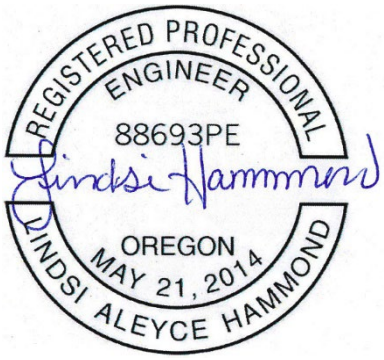
DEC. 2023 JOB NO. 6593-F FIG. 5.1

6 LIMITATIONS

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

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

Submitted for GRI,



RENEWS: 06/2025

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This document has been submitted electronically.

APPENDIX A

Pavement Inventory Reports and Maps

APPENDIX A

PAVEMENT INVENTORY REPORTS AND MAPS

A.1 PAVEMENT NETWORK

Aurora State Airport is located in Aurora, Oregon, and is owned and operated by the Oregon Department of Aviation (ODAV). The pavement network/facilities at Aurora State Airport serve a variety of general aviation aircraft and military aircraft. Aurora State Airport consists of a single runway, a primary taxiway, multiple connector taxiways, and aprons. The types of airside pavements include asphalt concrete (AC), AC overlaid with AC (AAC), and portland cement concrete (PCC).

The current airport pavement management system (APMS) network at Aurora State Airport has an approximate area of 1,266,977 square feet of paved airside facilities. The pavement network has previously been divided (by others) into a hierarchical order of branches, sections, and sample units that facilitate inspection and maintenance planning. The pavement facilities summarized by branch and section are listed in Tables 1A and 2A, respectively. Pavement sections and the sample unit layout for each section are shown on Figure 1A in this appendix.

A.2 BRANCHES

A branch, as defined in the PAVER system, is a facility that is a readily identifiable part of the pavement system and has a distinct function. For airports, branches typically consist of individual runways, taxiways, and aprons. The current pavement network for Aurora State Airport contains 38 branches, tabulated in Table 1A and shown on Figure 1A.

A.3 SECTIONS AND SAMPLE UNITS

A pavement section is the smallest management unit used when considering the application and selection of maintenance and rehabilitation (M&R) repairs and treatments and is defined by Section 2.1.8 of ASTM International (ASTM) D5340 as *"a contiguous pavement area having uniform construction, maintenance, usage history, and condition."* All sections should also have the same traffic volume and load intensity. The current pavement network included in the PAVER database for Aurora State Airport contains 50 sections that are managed by the Oregon Department of Aviation (ODAV), which are tabulated in Table 2A and shown spatially on Figure 1A.

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

To facilitate the visual survey of the airport pavement, each section is further subdivided into smaller areas called sample units. Similar sizing of these units is critical, and studies have found that maintaining the size of the sample units to within 40% of the established normal distribution reduces the standard error of the average pavement condition index (PCI) values. To meet this criterion, the ASTM method recommends sample units for flexible pavements be 5,000 ± 2,000 square feet and 20 slabs ± 8 slabs for rigid pavements. The delineation of sample units for each section is displayed on Figure 1A.

A.4 SAMPLE UNIT DELINEATION

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

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

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 2023 Aurora State Airport PCI survey, Table 3A 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 Aurora State Airport were selected using a systematic random sampling model method. This technique is implemented by first determining the number of sample units needed based on the confidence interval calculated using Equation 1. The first sample unit is randomly placed in the section and then the remaining sample units are systematically spaced throughout the section at an equal distance apart.

Table 1A: AURORA STATE AIRPORT PAVEMENT BRANCHES

Facility Designation (Branch ID)	Branch Name	Number of Sections	Approximate Area, square feet
A01AU	Apron 01 Aurora	1	56,334
A02AU	Apron 02 Aurora	1	109,649
A03AU	Tie Down Apron 03 Aurora	1	9,162
A04AU	Tie Down Apron 04 Aurora	1	87,212
A05AU	Apron 05 Aurora	1	6,184
A06AU	Apron 06 Aurora	1	3,790
A07AU	Apron 07 Aurora	1	21,600
A08AU	Apron 08 Aurora	1	22,503
A09AU	Apron 09 Aurora	3	44,087
A10AU	Apron 10 Aurora	1	18,242
AH35AU	Hold Apron 35 Aurora	1	19,308
R17AU	Runway 17/35 Aurora	2	500,000
T01AU	Taxiway 01 Aurora	1	9,478
T02AU	Taxiway 02 Aurora	1	9,468
T03AU	Taxiway 03 Aurora	1	3,684
T04AU	Taxiway 04 Aurora	1	3,880
T05AU	Taxiway 05 Aurora	1	11,678
T06AU	Taxiway 06 Aurora	1	3,128
T07AU	Taxiway 07 Aurora	1	3,953
T08AU	Taxiway 08 Aurora	1	4,516
T09AU	Taxiway 09 Aurora	1	12,198
T10AU	Taxiway 10 Aurora	1	9,280
T11AU	Taxiway 11 Aurora	1	2,325
T12AU	Taxiway 12 Aurora	1	2,749
T13AU	Taxiway 13 Aurora	1	2,992
TA1AU	Taxiway A1 Aurora	2	11,277
TA2AU	Taxiway A2 Aurora	2	11,668
TA3AU	Taxiway A3 Aurora	3	15,406
TA4AU	Taxiway A4 Aurora	2	12,352
TA5AU	Taxiway A5 Aurora	3	9,680
TAAAU	Taxiway AA Aurora	1	7,284
TAAU	Taxiway A Aurora	3	174,874
TL1AU	Taxilane 01 Aurora	1	9,921
TL2AU	Taxilane 02 Aurora	1	10,673
TL3AU	Taxilane 03 Aurora	1	15,963
TNWYLEEAU	North Wylee Taxiway Aurora	1	3,465
TSWYLEEAU	South Wylee Taxiway Aurora	1	3,237
TWILLAVAU	Willamette Aviation Taxiway Aurora	1	3,777

Table 2A: AURORA STATE AIRPORT CURRENT PAVEMENT INVENTORY

BranchID	Branch Name	Branch Use	SectionID	From	To	Rank	Length, feet	Width, feet	Approximate Area, square feet	LCD	Surface Type	Approximate Slab Length, feet	Approximate Slab Width, feet	Number of Slabs
A01AU	Apron 01 Aurora	APRON	01	Taxiway 06	Tie Down Apron New	P	343	146	56,334	9/26/2015	AC	0	0	0
A02AU	Apron 02 Aurora	APRON	01	Taxiway 09	Private Apron	P	523	200	109,649	8/2/2001	AC	0	0	0
A03AU	Tie Down Apron 03 Aurora	APRON	01	T13AU	End	S	197	59	9,162	1/1/1969	AC	0	0	0
A04AU	Tie Down Apron 04 Aurora	APRON	01	A02AU	T12AU	P	520	280	87,212	1/1/2008	AC	0	0	0
A05AU	Apron 05 Aurora	APRON	01	Taxiway 15	Taxiway A3	S	150	48	6,184	1/1/1989	AC	0	0	0
A06AU	Apron 06 Aurora	APRON	01	Taxiway A	East	S	79	48	3,790	1/1/2007	AC	0	0	0
A07AU	Apron 07 Aurora	APRON	01	Taxiway A	East	S	450	48	21,600	1/1/1989	PCC	20	20	48
A08AU	Apron 08 Aurora	APRON	01	Taxiway A	East	S	480	48	22,503	1/1/1989	AC	0	0	0
A09AU	Apron 09 Aurora	APRON	01	Taxiway 10	East	S	231	132	21,705	1/1/1989	AC	0	0	0
A09AU	Apron 09 Aurora	APRON	02	Taxiway 10	South	S	103	132	13,596	6/1/2010	AC	0	0	0
A09AU	Apron 09 Aurora	APRON	03	Paved Infill	-	S	145	68	8,786	6/1/2010	AC	0	0	0
A10AU	Apron 10 Aurora	APRON	01	A06AU-01	TAAU-02	S	380	48	18,242	9/1/2019	AC	0	0	0
AH35AU	Hold Apron 35 Aurora	APRON	01	Taxiway A	END	P	225	80	19,308	8/1/2008	AC	0	0	0
R17AU	Runway 17/35 Aurora	RUNWAY	01	Runway 17 End	Section 02	P	4,100	100	410,000	5/2/2005	AC	0	0	0
R17AU	Runway 17/35 Aurora	RUNWAY	02	Section 01	Runway 35 End	P	900	100	90,000	5/1/2005	AAC	0	0	0
T01AU	Taxiway 01 Aurora	TAXIWAY	01	Tie Down Apron New	Hangars	S	380	25	9,478	8/1/2001	AC	0	0	0
T02AU	Taxiway 02 Aurora	TAXIWAY	01	Tie Down Apron New	Hangars	S	378	25	9,468	8/1/2001	AC	0	0	0
T03AU	Taxiway 03 Aurora	TAXIWAY	01	Taxiway A	Apron 01	S	83	35	3,684	9/26/2015	AC	0	0	0
T04AU	Taxiway 04 Aurora	TAXIWAY	01	Taxiway A	Apron 01	S	75	40	3,880	9/26/2015	AC	0	0	0
T05AU	Taxiway 05 Aurora	TAXIWAY	01	Apron 01	Apron 02	S	228	35	11,678	9/26/2015	AC	0	0	0
T06AU	Taxiway 06 Aurora	TAXIWAY	01	TAAU-01	A02AU-01	S	48	36	3,128	9/3/2008	AC	0	0	0
T07AU	Taxiway 07 Aurora	TAXIWAY	01	TAAU	Private Apron	S	48	60	3,953	8/1/2008	AAC	0	0	0
T08AU	Taxiway 08 Aurora	TAXIWAY	01	Taxiway 05	Apron 05	S	174	25	4,516	1/1/1989	AC	0	0	0
T09AU	Taxiway 09 Aurora	TAXIWAY	01	Apron 05	End	S	464	26	12,198	1/1/1989	AC	0	0	0
T10AU	Taxiway 10 Aurora	TAXIWAY	01	Apron 05	End	S	464	20	9,280	1/1/1989	AC	0	0	0
T11AU	Taxiway 11 Aurora	TAXIWAY	01	Apron 05	End	S	85	25	2,325	1/1/1989	AC	0	0	0
T12AU	Taxiway 12 Aurora	TAXIWAY	01	Taxiway A	End	S	48	35	2,749	1/1/2001	AC	0	0	0
T13AU	Taxiway 13 Aurora	TAXIWAY	01	Taxiway A	End	S	40	48	2,992	1/1/1989	AC	0	0	0
TA1AU	Taxiway A1 Aurora	TAXIWAY	01	Runway 17 End	TA1AU-01	P	50	40	2,537	5/2/2005	AAC	0	0	0
TA1AU	Taxiway A1 Aurora	TAXIWAY	02	TA1AU-01	TAAU-01	P	183	40	8,740	9/3/2008	AC	0	0	0
TA2AU	Taxiway A2 Aurora	TAXIWAY	01	Runway 17/35	TA2AU-02	P	50	40	3,073	5/2/2005	AAC	0	0	0
TA2AU	Taxiway A2 Aurora	TAXIWAY	02	TA2AU-01	TAAU-01	P	183	40	8,595	9/3/2008	AC	0	0	0
TA3AU	Taxiway A3 Aurora	TAXIWAY	01	Runway 17/35	TA3AU-02	P	50	40	3,403	5/2/2005	AAC	0	0	0
TA3AU	Taxiway A3 Aurora	TAXIWAY	02	TA3AU-01	TAAU-02	P	183	40	8,813	9/3/2007	AC	0	0	0
TA3AU	Taxiway A3 Aurora	TAXIWAY	03	TAAU-02	End	P	51	40	3,190	9/3/2007	AC	0	0	0
TA4AU	Taxiway A4 Aurora	TAXIWAY	01	Runway 17/35	TA4AU-02	P	50	40	3,324	5/2/2005	AAC	0	0	0
TA4AU	Taxiway A4 Aurora	TAXIWAY	02	TA4AU-01	TAAU-02	P	183	40	9,028	9/3/2007	AC	0	0	0
TA5AU	Taxiway A5 Aurora	TAXIWAY	01	TA5AU-02	Runway 35 End	P	50	35	2,520	5/2/2005	AC	0	0	0
TA5AU	Taxiway A5 Aurora	TAXIWAY	02	TA5AU-01	TA5AU-03	P	145	35	5,223	8/1/2008	AC	0	0	0
TA5AU	Taxiway A5 Aurora	TAXIWAY	03	Taxiway A	TA5-02	P	55	35	1,937	8/1/2008	AAC	0	0	0
TAAAU	Taxiway AA Aurora	TAXIWAY	01	TL01	TL03	P	290	25	7,284	9/3/2016	AC	0	0	0
TAAU	Taxiway A Aurora	TAXIWAY	01	TA1AU-02	T12AU-01	P	1,626	35	56,785	9/3/2008	AC	0	0	0
TAAU	Taxiway A Aurora	TAXIWAY	02	TAAU-01	TA4AU-02	P	2,540	35	88,885	9/3/2007	AC	0	0	0
TAAU	Taxiway A Aurora	TAXIWAY	03	TA4AU-01	TAAU-04	P	834	35	29,204	8/1/2008	AC	0	0	0
TL1AU	Taxilane 01 Aurora	TAXIWAY	01	TAA	Hangars	S	386	25	9,921	9/3/2016	AC	0	0	0
TL2AU	Taxilane 02 Aurora	TAXIWAY	01	TAA	Hangars	S	400	25	10,673	9/3/2016	AC	0	0	0
TL3AU	Taxilane 03 Aurora	TAXIWAY	01	TAA	Hangars	S	546	25	15,963	9/3/2016	AC	0	0	0
TNWYLEEAU	North Wylee Taxiway Aurora	TAXIWAY	01	TAAU-01	Hangars	S	66	26	3,465	9/3/2008	AC	0	0	0
TSWYLEEAU	South Wylee Taxiway Aurora	TAXIWAY	01	TAAU-01	Hangars	S	66	25	3,237	9/3/2008	AC	0	0	0
TWILLAVAU	Willamette Aviation Taxiway Aurora	TAXIWAY	01	TAAU-01	Hangars	P	70	42	3,777	9/3/2008	AC	0	0	0

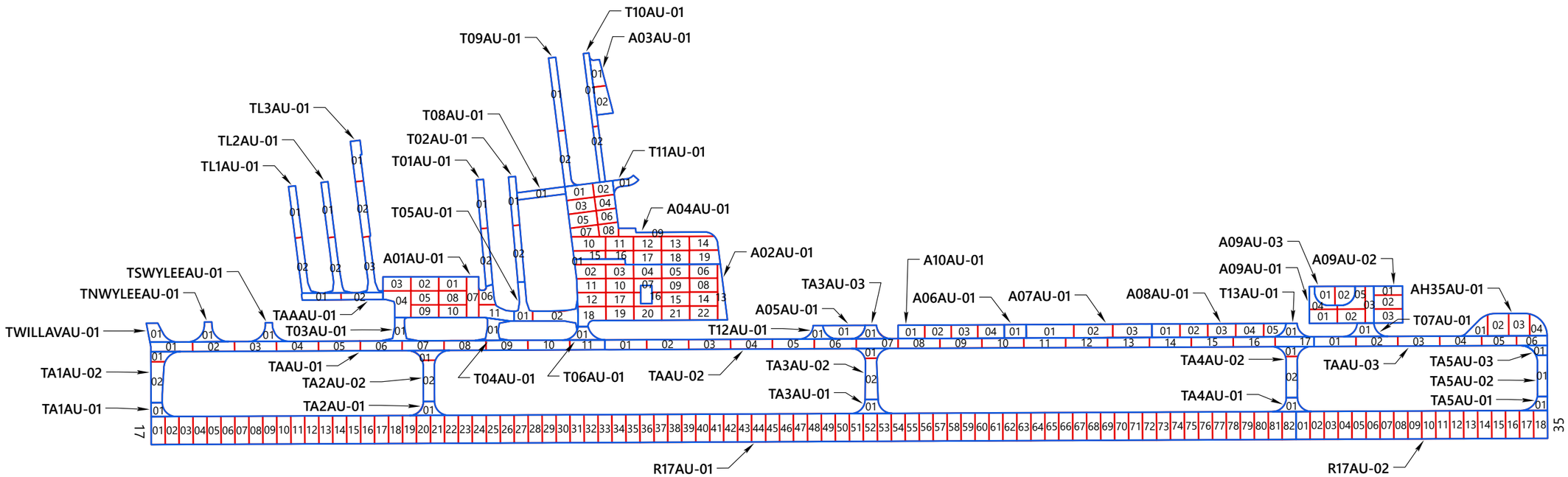
Abbreviations:
P = Primary pavement, S = Secondary pavement
LCD = Last Construction Date. The date of the last major rehabilitation (e.g. overlay)
AC = Asphalt Concrete, AAC = AC overlaid AC, PCC = Portland Cement Concrete

Table 3A: EXAMPLE SAMPLE RATES FOR AC AND PCC PAVEMENTS

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

PCC Sampling Rate	
Total Number of Sample Units, N	**Sample Units to Survey, n**
1	1
2	2
3-4	3
5-6	4
7-8	5
9-11	6
12-14	7
15-19	8
20-27	9
28-38	10
39-58	11
59-104	12
105-313	13
314+	14

Note: AC = Asphalt Concrete
PCC = Portland Cement Concrete



LEGEND

SECTION

SAMPLE UNIT

N

0 400 800 Feet

GRI

AURORA STATE AIRPORT
SAMPLE UNIT LAYOUT

DEC. 2023 JOB NO. 6593-F FIG. 1A

APPENDIX B

Pavement Condition Index Survey Results

APPENDIX B

PAVEMENT CONDITION INDEX SURVEY RESULTS

B.1 METHODOLOGY

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

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

Table 1B: PAVER DISTRESS CODES FOR FLEXIBLE AND RIGID PAVEMENT

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

Rigid Pavement		
PAVER Code	Pavement Distress	Related Cause
61	Blow-Up	Load
62	Corner Break	Load
63	Longitudinal, Transverse, & Diagonal Cracks	Climate/ Durability
64	Durability Cracking	Climate/ Durability
65	Joint Seal Damage	Other
66	Small Patch	Other
67	Large Patch	Other
68	Pop Outs	Other
69	Pumping	Other
70	Scaling	Other
71	Faulting	Other
72	Shattered Slab	Load

Flexible Pavement		
PAVER Code	Pavement Distress	Related Cause
53	Rutting	Load
54	Shoving	Other
55	Slippage Cracking	Other
56	Swelling	Other
57	Weathering	Climate/ Durability

Rigid Pavement		
PAVER Code	Pavement Distress	Related Cause
73	Shrinkage Cracking	Other
74	Joint Spalls	Other
75	Corner Spalls	Other
76	Alkali-Silica Reactivity (ASR)	Other

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

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

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

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

B.2 DISTRESS TYPES

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

- **Load-related:** Flexible pavement distresses include alligator/fatigue cracking, corrugation, depression, polished aggregate, rutting, and slippage cracking. Rigid

pavement distresses include corner breaks, longitudinal cracking, divided slabs, polished aggregate, pumping, and joint spalling.

- **Climate- and durability-related:** Flexible pavement distresses include bleeding, block cracking, joint reflection cracking, longitudinal and transverse (L&T) cracking, swelling, and raveling/weathering. Rigid pavement distress includes blow-ups, durability cracking, longitudinal cracking, pop-outs, pumping, scaling, shrinkage cracks, and joint and corner spalling.

- **Moisture- and drainage-related:** Flexible pavement distresses include alligator/ fatigue cracking, depressions, potholes, and swelling. Rigid pavement distresses include corner breaks, divided slabs, and pumping.

- **Other factors:** Includes oil spillage, jet blast erosion, bleeding, patching, and concrete slab joint faulting.

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 Aurora State Airport pavement network consists of 38 branches and 50 sections. A total of 105 sample units were visually inspected in the field. Data from the inspected sample units was input into the PAVER database, and a resultant PCI for each section was computed. Additional details regarding the PCI and distress types observed for each surveyed sample unit are provided in the re-inspection report, Table 1E, in Appendix E. Based on the 2023 PCI survey, the area-weighted average PCI for the entire pavement network at Aurora State Airport is approximately 62, which corresponds to a PCI rating of Fair.

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

Table 2B: AURORA STATE AIRPORT CURRENT BRANCH CONDITION REPORT

Branch ID	Number of Sections	Approximate Area, square feet	Use	Area Weighted Average Branch PCI	PCI Category
A01AU	1	56,334	APRON	86	Good
A02AU	1	109,649	APRON	62	Fair
A03AU	1	9,162	APRON	24	Serious
A04AU	1	87,212	APRON	64	Fair
A05AU	1	6,184	APRON	18	Serious
A06AU	1	3,790	APRON	53	Poor
A07AU	1	21,600	APRON	60	Fair
A08AU	1	22,503	APRON	52	Poor
A09AU	3	44,087	APRON	40	Very Poor
A10AU	1	18,242	APRON	93	Good
AH35AU	1	19,308	APRON	61	Fair
R17AU	2	500,000	RUNWAY	61	Fair
T01AU	1	9,478	TAXIWAY	79	Satisfactory
T02AU	1	9,468	TAXIWAY	60	Fair
T03AU	1	3,684	TAXIWAY	94	Good
T04AU	1	3,880	TAXIWAY	94	Good
T05AU	1	11,678	TAXIWAY	94	Good
T06AU	1	3,128	TAXIWAY	74	Satisfactory
T07AU	1	3,953	TAXIWAY	70	Fair
T08AU	1	4,516	TAXIWAY	30	Very Poor
T09AU	1	12,198	TAXIWAY	64	Fair
T10AU	1	9,280	TAXIWAY	61	Fair
T11AU	1	2,325	TAXIWAY	65	Fair
T12AU	1	2,749	TAXIWAY	65	Fair
T13AU	1	2,992	TAXIWAY	52	Poor
TA1AU	2	11,277	TAXIWAY	59	Fair
TA2AU	2	11,668	TAXIWAY	69	Fair
TA3AU	3	15,406	TAXIWAY	66	Fair
TA4AU	2	12,352	TAXIWAY	55	Poor
TA5AU	3	9,680	TAXIWAY	60	Fair
TAAAU	1	7,284	TAXIWAY	94	Good
TAAU	3	174,874	TAXIWAY	55	Poor
TL1AU	1	9,921	TAXIWAY	94	Good
TL2AU	1	10,673	TAXIWAY	91	Good
TL3AU	1	15,963	TAXIWAY	94	Good
TNWYLEEAU	1	3,465	TAXIWAY	70	Fair
TSWYLEEAU	1	3,237	TAXIWAY	66	Fair
TWILLAVAU	1	3,777	TAXIWAY	74	Satisfactory

Use Category	Number of Sections	Total Area, square feet	Area Weighted Average PCI
APRON	13	398,071	62
RUNWAY	2	500,000	61
TAXIWAY	35	368,906	65
ALL	**50**	**1,266,977**	**62**

Abbreviation: PCI = Pavement Condition Index

Table 3B: AURORA STATE AIRPORT 2023 PAVEMENT CONDITION INDEX SURVEY RESULTS

BranchID	SectionID	Last Construction Date	Surface Type	Use	Last Inspection Date	Age at Inspection	PCI	PCI Category	PCI % Climate	PCI % Load	PCI % Other
A01AU	01	9/26/2015	AC	APRON	7/1/2023	8	86	Good	88	0	12
A02AU	01	8/2/2001	AC	APRON	7/1/2023	22	62	Fair	100	0	0
A03AU	01	1/1/1969	AC	APRON	7/1/2023	55	24	Serious	100	0	0
A04AU	01	1/1/2008	AC	APRON	7/1/2023	16	64	Fair	100	0	0
A05AU	01	1/1/1989	AC	APRON	7/1/2023	35	18	Serious	80	20	0
A06AU	01	1/1/2007	AC	APRON	7/1/2023	17	53	Poor	52	48	0
A07AU	01	1/1/1989	PCC	APRON	7/1/2023	35	60	Fair	13	63	24
A08AU	01	1/1/1989	AC	APRON	7/1/2023	35	52	Poor	59	37	4
A09AU	01	1/1/1989	AC	APRON	7/1/2023	35	49	Poor	67	33	0
A09AU	02	6/1/2010	AC	APRON	7/1/2023	13	18	Serious	32	64	4
A09AU	03	6/1/2010	AC	APRON	7/1/2023	13	50	Poor	32	66	2
A10AU	01	9/1/2019	AC	APRON	7/1/2023	4	93	Good	100	0	0
AH35AU	01	8/1/2008	AC	APRON	7/1/2023	15	61	Fair	100	0	0
R17AU	01	5/2/2005	AC	RUNWAY	7/1/2023	18	62	Fair	100	0	0
R17AU	02	5/1/2005	AAC	RUNWAY	7/1/2023	18	56	Fair	89	11	0
T01AU	01	8/1/2001	AC	TAXIWAY	7/1/2023	22	79	Satisfactory	100	0	0
T02AU	01	8/1/2001	AC	TAXIWAY	7/1/2023	22	60	Fair	67	33	0
T03AU	01	9/26/2015	AC	TAXIWAY	7/1/2023	8	94	Good	100	0	0
T04AU	01	9/26/2015	AC	TAXIWAY	7/1/2023	8	94	Good	100	0	0
T05AU	01	9/26/2015	AC	TAXIWAY	7/1/2023	8	94	Good	100	0	0
T06AU	01	9/3/2008	AC	TAXIWAY	7/1/2023	15	74	Satisfactory	100	0	0
T07AU	01	8/1/2008	AAC	TAXIWAY	7/1/2023	15	70	Fair	100	0	0
T08AU	01	1/1/1989	AC	TAXIWAY	7/1/2023	35	30	Very Poor	48	52	0
T09AU	01	1/1/1989	AC	TAXIWAY	7/1/2023	35	64	Fair	100	0	0
T10AU	01	1/1/1989	AC	TAXIWAY	7/1/2023	35	61	Fair	100	0	0
T11AU	01	1/1/1989	AC	TAXIWAY	7/1/2023	35	65	Fair	100	0	0
T12AU	01	1/1/2001	AC	TAXIWAY	7/1/2023	23	65	Fair	100	0	0
T13AU	01	1/1/1989	AC	TAXIWAY	7/1/2023	35	52	Poor	59	41	0
TA1AU	01	5/2/2005	AAC	TAXIWAY	7/1/2023	18	40	Very Poor	80	20	0
TA1AU	02	9/3/2008	AC	TAXIWAY	7/1/2023	15	65	Fair	66	34	0
TA2AU	01	5/2/2005	AAC	TAXIWAY	7/1/2023	18	73	Satisfactory	100	0	0
TA2AU	02	9/3/2008	AC	TAXIWAY	7/1/2023	15	68	Fair	100	0	0
TA3AU	01	5/2/2005	AAC	TAXIWAY	7/1/2023	18	60	Fair	100	0	0
TA3AU	02	9/3/2007	AC	TAXIWAY	7/1/2023	16	68	Fair	100	0	0
TA3AU	03	9/3/2007	AC	TAXIWAY	7/1/2023	16	67	Fair	100	0	0
TA4AU	01	5/2/2005	AAC	TAXIWAY	7/1/2023	18	54	Poor	100	0	0
TA4AU	02	9/3/2007	AC	TAXIWAY	7/1/2023	16	56	0	100	0	0
TA5AU	01	5/2/2005	AC	TAXIWAY	7/1/2023	18	59	Fair	100	0	0
TA5AU	02	8/1/2008	AC	TAXIWAY	7/1/2023	15	58	Fair	100	0	0
TA5AU	03	8/1/2008	AAC	TAXIWAY	7/1/2023	15	63	Fair	100	0	0
TAAAU	01	9/3/2016	AC	TAXIWAY	7/1/2023	7	94	Good	100	0	0
TAAU	01	9/3/2008	AC	TAXIWAY	7/1/2023	15	62	Fair	69	31	0

Table 3B: AURORA STATE AIRPORT 2023 PAVEMENT CONDITION INDEX SURVEY RESULTS

BranchID	SectionID	Last Construction Date	Surface Type	Use	Last Inspection Date	Age at Inspection	PCI	PCI Category	PCI % Climate	PCI % Load	PCI % Other
TAAU	02	9/3/2007	AC	TAXIWAY	7/1/2023	16	51	Poor	66	34	0
TAAU	03	8/1/2008	AC	TAXIWAY	7/1/2023	15	55	Poor	81	19	0
TL1AU	01	9/3/2016	AC	TAXIWAY	7/1/2023	7	94	Good	100	0	0
TL2AU	01	9/3/2016	AC	TAXIWAY	7/1/2023	7	91	Good	60	0	40
TL3AU	01	9/3/2016	AC	TAXIWAY	7/1/2023	7	94	Good	100	0	0
TNWYLEEAU	01	9/3/2008	AC	TAXIWAY	7/1/2023	15	70	Fair	100	0	0
TSWYLEEAU	01	9/3/2008	AC	TAXIWAY	7/1/2023	15	66	Fair	100	0	0
TWILLAVAU	01	9/3/2008	AC	TAXIWAY	7/1/2023	15	74	Satisfactory	100	0	0

Abbreviations:
PCI = Pavement Condition Index, AC = Asphalt Concrete, AAC = AC overlaid AC, PCC = Portland Cement Concrete

Table 4B: AURORA STATE AIRPORT COMPARISON OF PREVIOUS INSPECTION AND 2023 RESULTS

					2018 Survey			2023 Survey				
Branch ID	Section ID	Surface Type[1]	Approximate Area, square feet	LCD[2]	PCI[3]	PCI Category	Inspection Date	PCI	PCI Category	Age[4]	Δ PCI/yr[5]	Rate of Deterioration
A01AU	01	AC	56,334	9/26/15	100	Good	7/12/2018	86	Good	3	-2.82	NORMAL
A02AU	01	AC	109,649	8/2/01	53	Poor	7/12/2018	62	Fair	17	2	NONE
A03AU	01	AC	9,162	1/1/69	49	Poor	7/12/2018	24	Serious	50	-5.03	HIGH
A04AU	01	AC	87,212	1/1/08	68	Fair	7/12/2018	64	Fair	11	-1	NORMAL
A05AU	01	AC	6,184	1/1/89	40	Very Poor	7/12/2018	18	Serious	30	-4.42	HIGH
A06AU	01	AC	3,790	1/1/07	82	Satisfactory	7/12/2018	53	Poor	12	-6	HIGH
A07AU	01	PCC	21,600	1/1/89	88	Good	7/12/2018	60	Fair	30	-5.69	HIGH
A08AU	01	AC	22,503	1/1/89	70	Fair	7/12/2018	52	Poor	30	-4	NORMAL
A09AU	01	AC	21,705	1/1/89	49	Poor	7/12/2018	49	Poor	30	0.00	NONE
A09AU	02	AC	13,596	6/1/10	75	Satisfactory	7/12/2018	18	Serious	8	-11	HIGH
A09AU	03	AC	8,786	6/1/10	88	Good	7/12/2018	50	Poor	8	-7.64	HIGH
A10AU	01	AC	18,242	9/1/19	-	-	-	93	Good	-	-	N/A[6]
AH35AU	01	AC	19,308	8/1/08	71	Satisfactory	7/12/2018	61	Fair	10	-2.01	NORMAL
R17AU	01	AC	410,000	5/2/05	83	Satisfactory	7/12/2018	62	Fair	13	-4	HIGH
R17AU	02	AAC	90,000	5/1/05	72	Satisfactory	7/12/2018	56	Fair	13	-3.22	NORMAL
T01AU	01	AC	9,478	8/1/01	88	Good	7/12/2018	79	Satisfactory	17	-2	NORMAL
T02AU	01	AC	9,468	8/1/01	74	Satisfactory	7/12/2018	60	Fair	17	-2.82	NORMAL
T03AU	01	AC	3,684	9/26/15	100	Good	7/12/2018	94	Good	3	-1	NORMAL
T04AU	01	AC	3,880	9/26/15	100	Good	7/12/2018	94	Good	3	-1.21	NORMAL
T05AU	01	AC	11,678	9/26/15	100	Good	7/12/2018	94	Good	3	-1	NORMAL
T06AU	01	AC	3,128	9/3/08	80	Satisfactory	7/12/2018	74	Satisfactory	10	-1.21	NORMAL
T07AU	01	AAC	3,953	8/1/08	79	Satisfactory	7/12/2018	70	Fair	10	-2	NORMAL
T08AU	01	AC	4,516	1/1/89	64	Fair	7/12/2018	30	Very Poor	30	-6.84	HIGH
T09AU	01	AC	12,198	1/1/89	71	Satisfactory	7/12/2018	64	Fair	30	-1	NORMAL
T10AU	01	AC	9,280	1/1/89	61	Fair	7/12/2018	61	Fair	30	0.00	NONE
T11AU	01	AC	2,325	1/1/89	69	Fair	7/12/2018	65	Fair	30	-1	NORMAL
T12AU	01	AC	2,749	1/1/01	66	Fair	7/12/2018	65	Fair	18	-0.20	NORMAL
T13AU	01	AC	2,992	1/1/89	63	Fair	7/12/2018	52	Poor	30	-2	NORMAL
TA1AU	01	AAC	2,537	5/2/05	59	Fair	7/12/2018	40	Very Poor	13	-3.82	NORMAL
TA1AU	02	AC	8,740	9/3/08	88	Good	7/12/2018	65	Fair	10	-5	HIGH
TA2AU	01	AAC	3,073	5/2/05	67	Fair	7/12/2018	73	Satisfactory	13	1.21	NONE
TA2AU	02	AC	8,595	9/3/08	89	Good	7/12/2018	68	Fair	10	-4	HIGH
TA3AU	01	AAC	3,403	5/2/05	66	Fair	7/12/2018	60	Fair	13	-1.15	NORMAL
TA3AU	02	AC	8,813	9/3/07	80	Satisfactory	7/12/2018	68	Fair	11	-2	NORMAL
TA3AU	03	AC	3,190	9/3/07	88	Good	7/12/2018	67	Fair	11	-4.22	HIGH
TA4AU	01	AAC	3,324	5/2/05	58	Fair	7/12/2018	54	Poor	13	-1	NORMAL
TA4AU	02	AC	9,028	9/3/07	74	Satisfactory	7/12/2018	56	0	11	-3.68	NORMAL
TA5AU	01	AC	2,520	5/2/05	49	Poor	7/12/2018	59	Fair	13	2	NONE
TA5AU	02	AC	5,223	8/1/08	69	Fair	7/12/2018	58	Fair	10	-2.15	NORMAL
TA5AU	03	AAC	1,937	8/1/08	73	Satisfactory	7/12/2018	63	Fair	10	-2	NORMAL
TAAAU	01	AC	7,284	9/3/16	100	Good	7/12/2018	94	Good	2	-1.21	NORMAL
TAAU	01	AC	56,785	9/3/08	83	Satisfactory	7/12/2018	62	Fair	10	-4	HIGH
TAAU	02	AC	88,885	9/3/07	73	Satisfactory	7/12/2018	51	Poor	11	-4.42	HIGH
TAAU	03	AC	29,204	8/1/08	69	Fair	7/12/2018	55	Poor	10	-3	NORMAL
TL1AU	01	AC	9,921	9/3/16	100	Good	7/12/2018	94	Good	2	-1.21	NORMAL
TL2AU	01	AC	10,673	9/3/16	100	Good	7/12/2018	91	Good	2	-2	NORMAL
TL3AU	01	AC	15,963	9/3/16	100	Good	7/12/2018	94	Good	2	-1.21	NORMAL
TNWYLEEAU	01	AC	3,465	9/3/08	75	Satisfactory	7/12/2018	70	Fair	10	-1	NORMAL
TSWYLEEAU	01	AC	3,237	9/3/08	94	Good	7/12/2018	66	Fair	10	-5.63	HIGH
TWILLAVAU	01	AC	3,777	9/3/08	89	Good	7/12/2018	74	Satisfactory	10	-3	NORMAL

Abbreviations:

[1] AC = Asphalt Concrete, AAC = Asphalt Overlay AC, PCC = Portland Cement Concrete

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

[3] PCI = Pavement Condition Index

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

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

[6] N/A = Not applicable due to changes in sectioning

APPENDIX C

Future Pavement Condition Analysis

APPENDIX C

PAVEMENT CONDITION ANALYSIS

C.1 METHODOLOGY

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

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

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

C.2 PREDICTION MODELS

We developed separate condition prediction models for each pavement "family" at Aurora State Airport. The delineation is based on branch use, surface type, section rank, and structural design life. We use four distinct models for the following "families" of pavements at Aurora State Airport. For each model, we reviewed the data in order to filter out any inconsistent or inaccurate data or any data that fall outside boundary values set by PAVER. After outliers are removed and the data are checked for accuracy and reasonableness, the PAVER program calculates a best-fit curve using a polynomial-constrained, least-squares analysis procedure. This best-fit curve for each family is used in the analysis to predict the average behavior of all sections within each "family." Our condition prediction models for each "family" are provided on Figures 1C through 4C below.

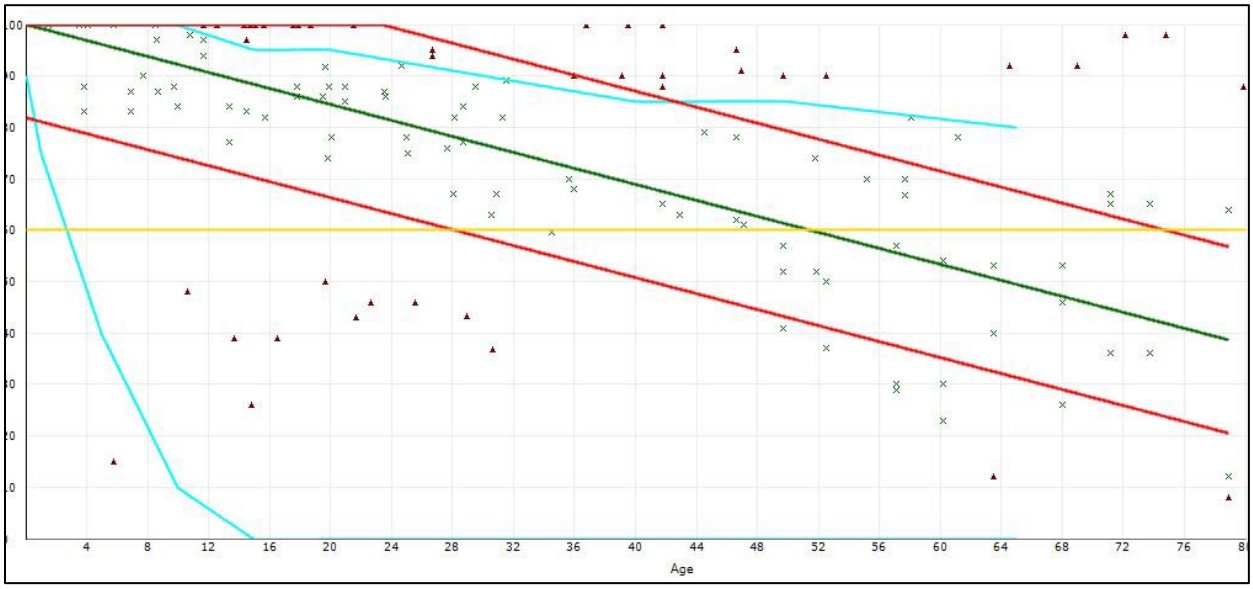


Figure 1C: CONDITION PREDICTION MODEL FOR NORTHWESTERN CATEGORY 1/2 PCC RUNWAYS, TAXIWAYS, AND APRONS

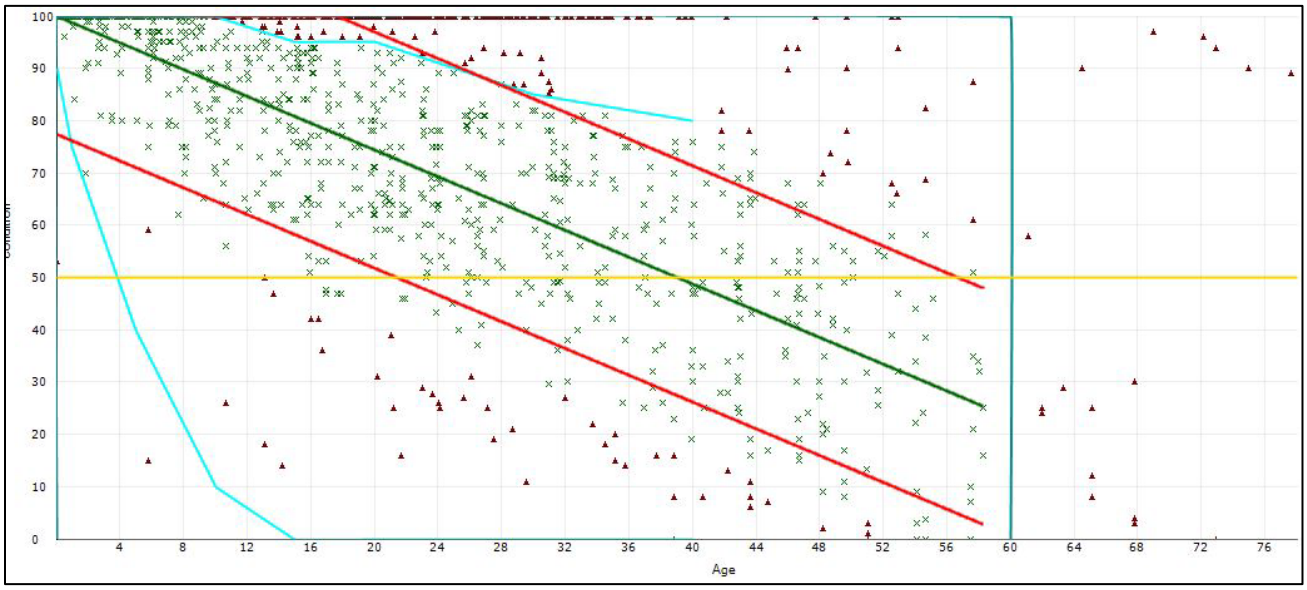


Figure 2C: CONDITION PREDICTION MODEL FOR NORTHWESTERN CATEGORY 1/2 AC APRONS

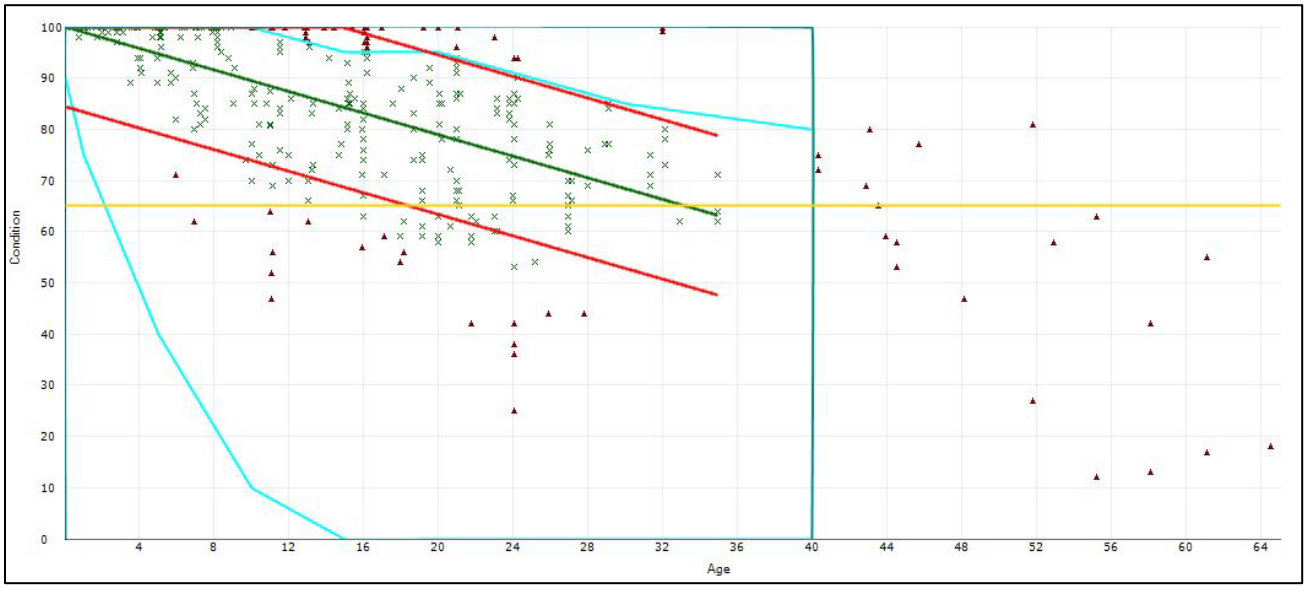


Figure 3C: CONDITION PREDICTION MODEL FOR NORTHWESTERN CATEGORY 1/2 AC RUNWAYS

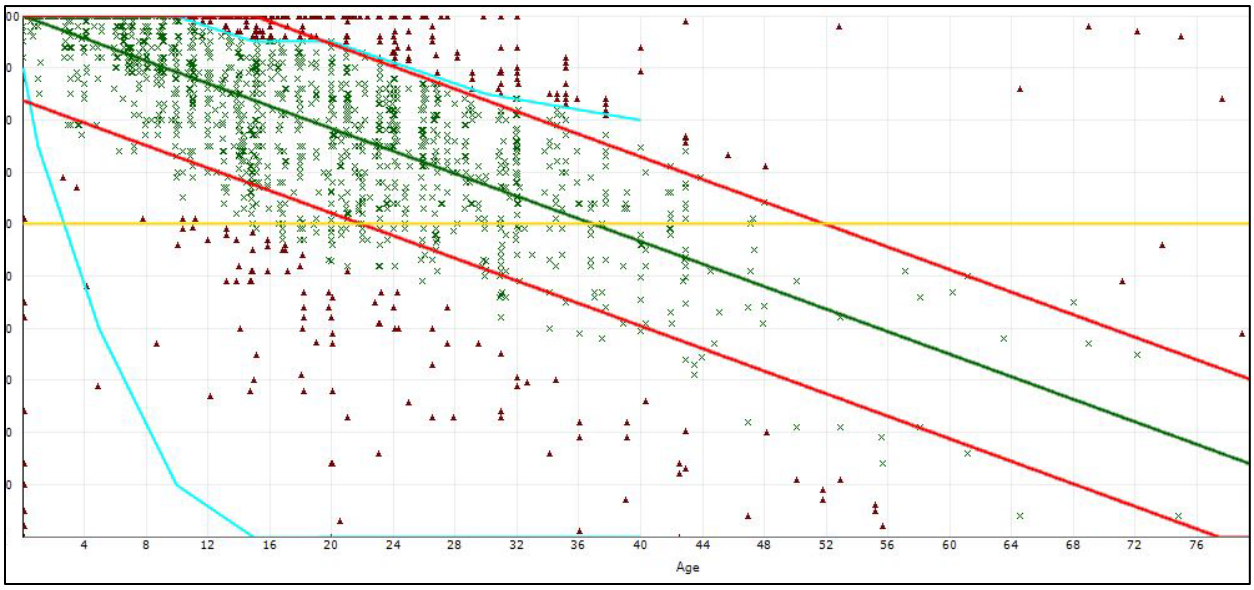


Figure 4C: CONDITION PREDICTION MODEL FOR NORTHWESTERN CATEGORY 1/2 AC TAXIWAYS

C.3 CRITICAL PCI

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

- Runways – 65
- Taxiways/Taxilanes – 60
- 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 Aurora State Airport, along with the conditions at the previous inspection, are listed in Table 1C.

C.5 FUNCTIONAL REMAINING LIFE

As mentioned above, functional remaining life is the practical amount of time a pavement is in service before requiring rehabilitation, as estimated based solely on visual condition. This is not to be confused with structural remaining life, which requires analysis of the structural capacity of a pavement.

We calculated two forms of functional remaining life based on the current visual condition surveys of the pavement at Aurora State Airport: the time until rehabilitation and the time until the pavement is no longer operational due to high foreign object debris potential and increased safety concerns for trafficking aircraft (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 2018	Current PCI 2023	Predicted Future PCI 2028	Predicted Future PCI 2033
A01AU	01	100	86	80	73
A02AU	01	53	62	56	49
A03AU	01	49	24	18	11
A04AU	01	68	64	58	51
A05AU	01	40	18	12	5
A06AU	01	82	53	47	40
A07AU	01	88	60	56	52
A08AU	01	70	52	46	39
A09AU	01	49	49	43	36
A09AU	02	75	18	12	5
A09AU	03	88	50	44	37
A10AU	01	-	93	86	80
AH35AU	01	71	61	55	48
R17AU	01	83	62	57	51
R17AU	02	72	56	51	45
T01AU	01	88	79	74	68
T02AU	01	74	60	55	49
T03AU	01	100	94	89	83
T04AU	01	100	94	89	83
T05AU	01	100	94	89	83
T06AU	01	80	74	69	63
T07AU	01	79	70	65	59
T08AU	01	64	30	25	19
T09AU	01	71	64	59	53
T10AU	01	61	61	56	50
T11AU	01	69	65	60	54
T12AU	01	66	65	60	54
T13AU	01	63	52	47	41
TA1AU	01	59	40	35	29
TA1AU	02	88	65	59	54
TA2AU	01	67	73	68	62
TA2AU	02	89	68	63	57
TA3AU	01	66	60	55	49
TA3AU	02	80	68	62	57
TA3AU	03	88	67	62	56
TA4AU	01	58	54	49	43
TA4AU	02	74	56	50	45
TA5AU	01	49	59	54	48
TA5AU	02	69	58	53	47
TA5AU	03	73	63	58	53
TAAAU	01	100	94	89	83
TAAU	01	83	62	57	51
TAAU	02	73	51	46	40
TAAU	03	69	55	50	44
TL1AU	01	100	94	89	83
TL2AU	01	100	91	86	80
TL3AU	01	100	94	89	83
TNWYLEEAU	01	75	70	65	59
TSWYLEEAU	01	94	66	61	55
TWILLAVAU	01	89	74	69	63

Abbreviation: PCI = Pavement Condition Index

Table 2C: AURORA STATE AIRPORT 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
A01AU	01	AC	86	> 20	50	> 20
A02AU	01	AC	62	6 - 10	50	16 - 20
A03AU	01	AC	24	0 - 5	50	0 - 5
A04AU	01	AC	64	6 - 10	50	16 - 20
A05AU	01	AC	18	0 - 5	50	0 - 5
A06AU	01	AC	53	0 - 5	50	6 - 10
A07AU	01	PCC	60	11 - 15	50	> 20
A08AU	01	AC	52	0 - 5	50	6 - 10
A09AU	01	AC	49	0 - 5	50	6 - 10
A09AU	02	AC	18	0 - 5	50	0 - 5
A09AU	03	AC	50	0 - 5	50	6 - 10
A10AU	01	AC	93	> 20	50	> 20
AH35AU	01	AC	61	6 - 10	50	16 - 20
R17AU	01	AC	62	0 - 5	65	> 20
R17AU	02	AAC	56	0 - 5	65	11 - 15
T01AU	01	AC	79	16 - 20	60	> 20
T02AU	01	AC	60	0 - 5	60	16 - 20
T03AU	01	AC	94	> 20	60	> 20
T04AU	01	AC	94	> 20	60	> 20
T05AU	01	AC	94	> 20	60	> 20
T06AU	01	AC	74	11 - 15	60	> 20
T07AU	01	AAC	70	6 - 10	60	> 20
T08AU	01	AC	30	0 - 5	60	0 - 5
T09AU	01	AC	64	0 - 5	60	> 20
T10AU	01	AC	61	0 - 5	60	> 20
T11AU	01	AC	65	0 - 5	60	> 20
T12AU	01	AC	65	0 - 5	60	> 20
T13AU	01	AC	52	0 - 5	60	11 - 15
TA1AU	01	AAC	40	0 - 5	60	0 - 5
TA1AU	02	AC	65	0 - 5	60	> 20
TA2AU	01	AAC	73	11 - 15	60	> 20
TA2AU	02	AC	68	6 - 10	60	> 20
TA3AU	01	AAC	60	0 - 5	60	16 - 20
TA3AU	02	AC	68	6 - 10	60	> 20
TA3AU	03	AC	67	6 - 10	60	> 20
TA4AU	01	AAC	54	0 - 5	60	11 - 15
TA4AU	02	AC	56	0 - 5	60	11 - 15
TA5AU	01	AC	59	0 - 5	60	16 - 20
TA5AU	02	AC	58	0 - 5	60	16 - 20
TA5AU	03	AAC	63	0 - 5	60	> 20
TAAAU	01	AC	94	> 20	60	> 20
TAAU	01	AC	62	0 - 5	60	> 20
TAAU	02	AC	51	0 - 5	60	6 - 10
TAAU	03	AC	55	0 - 5	60	11 - 15
TL1AU	01	AC	94	> 20	60	> 20
TL2AU	01	AC	91	> 20	60	> 20
TL3AU	01	AC	94	> 20	60	> 20
TNWYLEEAU	01	AC	70	6 - 10	60	> 20
TSWYLEEAU	01	AC	66	0 - 5	60	> 20
TWILLAVAU	01	AC	74	11 - 15	60	> 20

Abbreviations:
PCI = Pavement Condition Index, AC = Asphalt Concrete, AAC = AC overlaid AC,
PCC = Portland Cement Concrete

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

APPENDIX D

Unit Cost Data and Maintenance and Rehabilitation Plan

APPENDIX D

UNIT COST DATA AND MAINTENANCE AND REHABILITATION PLAN

D.1 ANALYSIS METHODOLOGY

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

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

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

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

D.1.1 Pavement Rank and Use Prioritization

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

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

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

Branch Use	Section Rank		
	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 D5340.

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

Table 2D: REGION 1 UNIT COST DATA

Type of M&R	Work Type	Unit Cost	Work Unit
Major M&R	Complete Reconstruction with AC	$28.86	Sq Ft
	Cold Mill and Overlay – 3 Inches Thick	$11.39	Sq Ft
Surface Treatment (Global) M&R	Surface Treatment - Slurry Seal	$0.52	Sq Ft
	Surface Treatment - Fog Seal	$0.31	Sq Ft
Localized Preventive M&R	Crack Sealing - AC	$3.12	Ft
	Crack Sealing - PCC	$23.4	Ft
	Crack Sealing – Wide Cracks	$51.48	Ft
	Joint Sealing – PCC	$7.80	Ft
	AC Patching – Full Depth	$78.00	Sq Ft
	PCC Patching – Full Depth	$156.00	Sq Ft

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: AURORA STATE AIRPORT NETWORK MAINTENANCE REPORT

Branch ID	Section ID	Distress	Severity	Action	Work Quantity	Unit	Unit Cost	Work Cost	Section Total
A01AU	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	1,285	Ft	$3.12	$4,008	$4,008
A02AU	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	1,088	Ft	$3.12	$3,394	
A02AU	01	Block Cracking	Low	Crack Sealing - AC	1,337	Ft	$3.12	$4,171	$65,367
A02AU	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	18,526	Ft	$3.12	$57,802	
A03AU	01	Block Cracking	Low	Crack Sealing - AC	2,366	Ft	$3.12	$7,381	$7,381
A04AU	01	Block Cracking	Low	Crack Sealing - AC	3,893	Ft	$3.12	$12,146	$51,674
A04AU	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	12,669	Ft	$3.12	$39,528	
A05AU	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	329	Ft	$3.12	$1,026	$10,386
A05AU	01	Alligator Cracking	Medium	Patching - AC Deep	119	SqFt	$78.00	$9,360	
A06AU	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	278	Ft	$3.12	$867	$10,036
A06AU	01	Alligator Cracking	Medium	Patching - AC Deep	117	SqFt	$78.00	$9,169	
A07AU	01	Shattered Slab	Low	Crack Sealing - PCC	200	Ft	$23.40	$4,680	$11,700
A07AU	01	Linear Cracking	Low	Crack Sealing - PCC	300	Ft	$23.40	$7,020	
A08AU	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	1,500	Ft	$3.12	$4,681	
A08AU	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	181	Ft	$3.12	$566	$39,275
A08AU	01	Alligator Cracking	Medium	Patching - AC Deep	436	SqFt	$78.00	$34,029	
A09AU	01	Block Cracking	Low	Crack Sealing - AC	4,822	Ft	$3.12	$15,045	
A09AU	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	750	Ft	$3.12	$2,340	$45,637
A09AU	01	Alligator Cracking	Medium	Patching - AC Deep	363	SqFt	$78.00	$28,252	
A09AU	02	Long. & Trans. Cracking	Low	Crack Sealing - AC	269	Ft	$3.12	$840	$334,675
A09AU	02	Alligator Cracking	Medium	Patching - AC Deep	4,280	SqFt	$78.00	$333,835	
A09AU	03	Long. & Trans. Cracking	Low	Crack Sealing - AC	373	Ft	$3.12	$1,164	$24,000
A09AU	03	Alligator Cracking	Medium	Patching - AC Deep	293	SqFt	$78.00	$22,836	
A10AU	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	24	Ft	$3.12	$75	$75
AH35AU	01	Block Cracking	Low	Crack Sealing - AC	3,176	Ft	$3.12	$9,909	
AH35AU	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	642	Ft	$3.12	$2,002	$12,069
AH35AU	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	51	Ft	$3.12	$158	
R17AU	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	37,775	Ft	$3.12	$117,857	
R17AU	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	4,852	Ft	$3.12	$15,137	$178,807
R17AU	01	Block Cracking	Low	Crack Sealing - AC	14,684	Ft	$3.12	$45,813	
R17AU	02	Long. & Trans. Cracking	Medium	Crack Sealing - AC	788	Ft	$3.12	$2,460	
R17AU	02	Block Cracking	Low	Crack Sealing - AC	9,568	Ft	$3.12	$29,853	
R17AU	02	Block Cracking	Medium	Crack Sealing - AC	439	Ft	$3.12	$1,369	$50,614
R17AU	02	Alligator Cracking	Low	Crack Sealing - AC	110	Ft	$3.12	$343	
R17AU	02	Long. & Trans. Cracking	Low	Crack Sealing - AC	5,317	Ft	$3.12	$16,590	
T01AU	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	546	Ft	$3.12	$1,704	$1,704
T02AU	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	301	Ft	$3.12	$939	
T02AU	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	34	Ft	$3.12	$106	$6,668
T02AU	01	Alligator Cracking	Medium	Patching - AC Deep	72	SqFt	$78.00	$5,623	
T06AU	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	258	Ft	$3.12	$805	$805
T07AU	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	448	Ft	$3.12	$1,398	$1,398
T08AU	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	695	Ft	$3.12	$2,168	$45,520

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Table 3D: AURORA STATE AIRPORT NETWORK MAINTENANCE REPORT

Branch ID	Section ID	Distress	Severity	Action	Work Quantity	Unit	Unit Cost	Work Cost	Section Total
T08AU	01	Alligator Cracking	Medium	Patching - AC Deep	555	SqFt	$78.00	$43,352	$43,352
T09AU	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	1,056	Ft	$3.12	$3,295	$3,675
T09AU	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	122	Ft	$3.12	$381	
T10AU	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	739	Ft	$3.12	$2,306	$2,306
T11AU	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	112	Ft	$3.12	$349	$456
T11AU	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	34	Ft	$3.12	$106	
T12AU	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	437	Ft	$3.12	$1,363	$1,363
T13AU	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	341	Ft	$3.12	$1,064	$6,275
T13AU	01	Alligator Cracking	Medium	Patching - AC Deep	67	SqFt	$78.00	$5,211	
TA1AU	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	775	Ft	$3.12	$2,418	$6,218
TA1AU	01	Block Cracking	Low	Crack Sealing - AC	469	Ft	$3.12	$1,465	
TA1AU	01	Alligator Cracking	Medium	Patching - AC Deep	30	SqFt	$78.00	$2,336	
TA1AU	02	Alligator Cracking	Low	Crack Sealing - AC	18	Ft	$3.12	$56	$4,704
TA1AU	02	Long. & Trans. Cracking	Low	Crack Sealing - AC	863	Ft	$3.12	$2,693	
TA1AU	02	Alligator Cracking	Medium	Patching - AC Deep	25	SqFt	$78.00	$1,956	
TA2AU	01	Block Cracking	Low	Crack Sealing - AC	195	Ft	$3.12	$609	$609
TA2AU	02	Long. & Trans. Cracking	Low	Crack Sealing - AC	1,139	Ft	$3.12	$3,554	$3,554
TA3AU	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	73	Ft	$3.12	$228	$1,794
TA3AU	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	502	Ft	$3.12	$1,566	
TA3AU	02	Long. & Trans. Cracking	Low	Crack Sealing - AC	913	Ft	$3.12	$2,849	$3,051
TA3AU	02	Long. & Trans. Cracking	Medium	Crack Sealing - AC	65	Ft	$3.12	$203	
TA3AU	03	Long. & Trans. Cracking	Medium	Crack Sealing - AC	93	Ft	$3.12	$290	$902
TA3AU	03	Long. & Trans. Cracking	Low	Crack Sealing - AC	196	Ft	$3.12	$612	
TA4AU	01	Block Cracking	Low	Crack Sealing - AC	433	Ft	$3.12	$1,350	$2,567
TA4AU	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	110	Ft	$3.12	$343	
TA4AU	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	280	Ft	$3.12	$874	
TA4AU	02	Long. & Trans. Cracking	Medium	Crack Sealing - AC	108	Ft	$3.12	$336	$3,616
TA4AU	02	Long. & Trans. Cracking	Low	Crack Sealing - AC	1,051	Ft	$3.12	$3,280	
TA5AU	01	Block Cracking	Low	Crack Sealing - AC	768	Ft	$3.12	$2,396	$2,396
TA5AU	02	Long. & Trans. Cracking	Low	Crack Sealing - AC	960	Ft	$3.12	$2,995	$3,070
TA5AU	02	Long. & Trans. Cracking	Medium	Crack Sealing - AC	24	Ft	$3.12	$75	
TA5AU	03	Long. & Trans. Cracking	Low	Crack Sealing - AC	355	Ft	$3.12	$1,108	$1,108
TAAU	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	7,106	Ft	$3.12	$22,171	$43,974
TAAU	01	Alligator Cracking	Medium	Patching - AC Deep	280	SqFt	$78.00	$21,803	
TAAU	02	Long. & Trans. Cracking	Medium	Crack Sealing - AC	88	Ft	$3.12	$275	$116,577
TAAU	02	Long. & Trans. Cracking	Low	Crack Sealing - AC	12,000	Ft	$3.12	$37,441	
TAAU	02	Alligator Cracking	Medium	Patching - AC Deep	1,011	SqFt	$78.00	$78,861	
TAAU	03	Long. & Trans. Cracking	Medium	Crack Sealing - AC	111	Ft	$3.12	$347	$21,330
TAAU	03	Long. & Trans. Cracking	Low	Crack Sealing - AC	4,315	Ft	$3.12	$13,462	
TAAU	03	Block Cracking	Low	Crack Sealing - AC	1,130	Ft	$3.12	$3,527	
TAAU	03	Alligator Cracking	Low	Crack Sealing - AC	18	Ft	$3.12	$58	
TAAU	03	Alligator Cracking	Medium	Patching - AC Deep	51	SqFt	$78.00	$3,936	

Table 3D: AURORA STATE AIRPORT NETWORK MAINTENANCE REPORT

Branch ID	Section ID	Distress	Severity	Action	Work Quantity	Unit	Unit Cost	Work Cost	Section Total
TNWYLEEAU	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	28	Ft	$3.12	$87	$1,884
TNWYLEEAU	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	236	Ft	$3.12	$736	
TSWYLEEAU	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	76	Ft	$3.12	$237	
TSWYLEEAU	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	264	Ft	$3.12	$824	
TWILLAVAU	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	322	Ft	$3.12	$1,005	$1,005

Abbreviations:

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

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

Action Year	Branch ID	Section ID	Branch Use	Surface Type	Current PCI	Action	Area, square feet	Unit Cost per square foot	Total Cost
2024	A01AU	01	APRON	AC	86	Fog Seal	56,334	$0.31	$17,463
	A02AU	01	APRON	AC	62	Fog Seal	109,649	$0.31	$33,991
	A04AU	01	APRON	AC	64	Fog Seal	87,212	$0.31	$27,036
	AH35AU	01	APRON	AC	61	Fog Seal	19,308	$0.31	$5,985
	T01AU	01	TAXIWAY	AC	79	Slurry Seal	9,478	$0.52	$4,929
	T06AU	01	TAXIWAY	AC	74	Slurry Seal	3,128	$0.52	$1,627
	T07AU	01	TAXIWAY	AAC	70	Slurry Seal	3,953	$0.52	$2,056
	T09AU	01	TAXIWAY	AC	64	Slurry Seal	12,198	$0.52	$6,343
	T11AU	01	TAXIWAY	AC	65	Slurry Seal	2,325	$0.52	$1,209
	T12AU	01	TAXIWAY	AC	65	Slurry Seal	2,749	$0.52	$1,429
	TA1AU	02	TAXIWAY	AC	65	Slurry Seal	8,740	$0.52	$4,545
	TA2AU	01	TAXIWAY	AAC	73	Slurry Seal	3,073	$0.52	$1,598
	TA2AU	02	TAXIWAY	AC	68	Slurry Seal	8,595	$0.52	$4,469
	TA3AU	02	TAXIWAY	AC	68	Slurry Seal	8,813	$0.52	$4,583
	TA3AU	03	TAXIWAY	AC	67	Slurry Seal	3,190	$0.52	$1,659
	TA4AU	02	TAXIWAY	AC	56	Overlay	9,028	$11.39	$102,828
	TA5AU	02	TAXIWAY	AC	58	Overlay	5,223	$11.39	$59,490
	TA5AU	03	TAXIWAY	AAC	63	Slurry Seal	1,937	$0.52	$1,007
	TAAU	01	TAXIWAY	AC	62	Slurry Seal	56,785	$0.52	$29,528
	TAAU	02	TAXIWAY	AC	51	Overlay	88,885	$11.70	$1,040,344
	TAAU	03	TAXIWAY	AC	55	Overlay	29,204	$11.39	$332,631
	TNWYLEEAU	01	TAXIWAY	AC	70	Slurry Seal	3,465	$0.52	$1,802
	TSWYLEEAU	01	TAXIWAY	AC	66	Slurry Seal	3,237	$0.52	$1,683
	TWILLAVAU	01	TAXIWAY	AC	74	Slurry Seal	3,777	$0.52	$1,964
2025	R17AU	01	RUNWAY	AC	62	Overlay	410,000	$11.39	$4,669,864
	R17AU	02	RUNWAY	AAC	56	Overlay	90,000	$11.39	$1,025,092
	TA1AU	01	TAXIWAY	AAC	40	Reconstruction	2,537	$28.86	$73,218
	TA3AU	01	TAXIWAY	AAC	60	Overlay	3,403	$11.39	$38,760
	TA4AU	01	TAXIWAY	AAC	54	Overlay	3,324	$11.39	$37,860
	TA5AU	01	TAXIWAY	AC	59	Overlay	2,520	$11.39	$28,703
2026	A05AU	01	APRON	AC	18	Reconstruction	6,184	$28.86	$178,472
	A06AU	01	APRON	AC	53	Overlay	3,790	$11.39	$43,168
	A08AU	01	APRON	AC	52	Overlay	22,503	$11.39	$256,307
	T13AU	01	TAXIWAY	AC	52	Overlay	2,992	$11.39	$34,079
2027	A09AU	01	APRON	AC	49	Overlay	21,705	$15.57	$337,846
	A09AU	02	APRON	AC	18	Reconstruction	13,596	$28.86	$392,385
	A09AU	03	APRON	AC	50	Overlay	8,786	$13.82	$121,408
2028	A03AU	01	APRON	AC	24	Reconstruction	9,162	$28.86	$264,418
	T02AU	01	TAXIWAY	AC	60	Overlay	9,468	$11.39	$107,840
	T08AU	01	TAXIWAY	AC	30	Reconstruction	4,516	$28.86	$130,333
	T10AU	01	TAXIWAY	AC	61	Reconstruction	9,280	$28.86	$267,821
	TAAU	01	TAXIWAY	AC	62	Overlay	56,785	$11.39	$646,776

Abbreviations:
PCI = Pavement Condition Index, AC = Asphalt Concrete, AAC = AC overlaid AC

Cost Summary	
2024 Total Project Cost	$1,690,198
2025 Total Project Cost	$5,873,497
2026 Total Project Cost	$512,026
2027 Total Project Cost	$851,639
2028 Total Project Cost	$1,417,188
Total 5-Year Project Cost	**$10,344,548**

GRI

APPENDIX E

Reinspection Report

Re-Inspection Report

ODA_2023Survey_11-21-23
Generated Date 12/5/2023

Network: Aurora **Name:** Aurora State

Branch: A01AU **Name:** Apron 01 Aurora **Use:** APRON **Area:** 56,334 SqFt

Section: 01 of 1 **From:** Taxiway 06 **To:** Tie Down Apron New **Last Const.:** 9/26/2015

Surface: AC **Family:** 2023_Region1_Cat1/2_Apron_AC **Zone:** KUAO **Category:** F **Rank:** P

Area: 56,334 SqFt **Length:** 343 Ft **Width:** 146 Ft

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

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

Section Comments:

Work Date: 8/3/1978	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 9/24/2015	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 9/25/2015	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 9/26/2015	**Work Type:** Complete Reconstruction - AC	**Code:** CR-AC	**Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 11 **Surveyed:** 4

Conditions: **PCI:** 86

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5000.00 SqFt **PCI:** 90

Sample Comments:

48	L & T CR	L	29.00	Ft
57	WEATHERING	L	5000.00	SqFt

Sample Number: 02 **Type:** R **Area:** 5000.00 SqFt **PCI:** 79

Sample Comments:

48	L & T CR	L	288.00	Ft
57	WEATHERING	L	5000.00	SqFt

Sample Number: 06 **Type:** R **Area:** 5000.00 SqFt **PCI:** 89

Sample Comments:

48	L & T CR	L	50.00	Ft
57	WEATHERING	L	5000.00	SqFt

Sample Number: 10 **Type:** R **Area:** 4600.00 SqFt **PCI:** 86

Sample Comments:

48	L & T CR	L	80.00	Ft
49	OIL SPILLAGE	N	6.00	SqFt
57	WEATHERING	L	4600.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: A02AU **Name:** Apron 02 Aurora **Use:** APRON **Area:** 109,649 SqFt

Section: 01 of 1 **From:** Taxiway 09 **To:** Private Apron **Last Const.:** 8/2/2001

Surface: AC **Family:** 2023_Region1_Cat1/2_Apron_AC **Zone:** KSPB **Category:** E **Rank:** P

Area: 109,649 SqFt **Length:** 523 Ft **Width:** 200 Ft

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

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

Section Comments:

Work Date: 8/1/2001 **Work Type:** Base Course - Aggregate **Code:** BA-AG **Is Major M&R:** False

Work Date: 8/2/2001 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Work Date: 9/1/2009 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Last Insp. Date: 7/1/2023 **TotalSamples:** 22 **Surveyed:** 5

Conditions: **PCI:** 62

Inspection Comments:

Sample Number: 03 **Type:** R **Area:** 5000.00 SqFt **PCI:** 61

Sample Comments:

48	L & T CR	L	225.00	Ft
48	L & T CR	L	852.00	Ft
57	WEATHERING	M	5000.00	SqFt

Sample Number: 05 **Type:** R **Area:** 5000.00 SqFt **PCI:** 57

Sample Comments:

48	L & T CR	L	232.00	Ft
48	L & T CR	L	510.00	Ft
48	L & T CR	L	176.00	Ft
50	PATCHING	L	720.00	SqFt
57	WEATHERING	M	5000.00	SqFt

Sample Number: 11 **Type:** R **Area:** 5000.00 SqFt **PCI:** 60

Sample Comments:

48	L & T CR	L	284.00	Ft
48	L & T CR	L	702.00	Ft
48	L & T CR	L	200.00	Ft
57	WEATHERING	M	5000.00	SqFt

Sample Number: 15 **Type:** R **Area:** 5000.00 SqFt **PCI:** 62

Sample Comments:

48	L & T CR	L	248.00	Ft
48	L & T CR	L	795.00	Ft
57	WEATHERING	M	5000.00	SqFt

Sample Number: 20 **Type:** R **Area:** 5000.00 SqFt **PCI:** 69

Sample Comments:

43	BLOCK CR	L	1000.00	SqFt
47	JT REF. CR	L	248.00	Ft
57	WEATHERING	M	5000.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: A03AU **Name:** Tie Down Apron 03 Aurora **Use:** APRON **Area:** 9,162 SqFt

Section: 01 of 1 **From:** T13AU **To:** End **Last Const.:** 1/1/1969

Surface: AC **Family:** 2023_Region1_Cat1/2_Apron_AC **Zone:** KUAO **Category:** F **Rank:** S

Area: 9,162 SqFt **Length:** 197 Ft **Width:** 59 Ft

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

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

Section Comments:

Work Date: 1/1/1969 **Work Type:** New Construction - Initial **Code:** NC-IN **Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 24

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3900.00 SqFt **PCI:** 23

Sample Comments:

43	BLOCK CR	L	2500.00	SqFt
52	RAVELING	H	2500.00	SqFt
57	WEATHERING	L	1400.00	SqFt

Sample Number: 02 **Type:** R **Area:** 5262.00 SqFt **PCI:** 25

Sample Comments:

43	BLOCK CR	L	5262.00	SqFt
52	RAVELING	H	5262.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: A04AU **Name:** Tie Down Apron 04 Aurora **Use:** APRON **Area:** 87,212 SqFt

Section: 01 of 1 **From:** A02AU **To:** T12AU **Last Const.:** 1/1/2008

Surface: AC **Family:** 2023_Region1_Cat1/2_Apron_AC **Zone:** KUAO **Category:** F **Rank:** P

Area: 87,212 SqFt **Length:** 520 Ft **Width:** 280 Ft

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

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

Section Comments:

Work Date: 1/1/2008 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 19 **Surveyed:** 5

Conditions: **PCI:** 64

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 3600.00 SqFt **PCI:** 59

Sample Comments:

43	BLOCK CR	L	3600.00	SqFt
57	WEATHERING	M	3600.00	SqFt

Sample Number: 03 **Type:** R **Area:** 5000.00 SqFt **PCI:** 61

Sample Comments:

48	L & T CR	L	534.00	Ft
48	L & T CR	L	565.00	Ft
57	WEATHERING	M	5000.00	SqFt

Sample Number: 10 **Type:** R **Area:** 5982.00 SqFt **PCI:** 67

Sample Comments:

48	L & T CR	L	392.00	Ft
48	L & T CR	L	426.00	Ft
57	WEATHERING	L	5982.00	SqFt

Sample Number: 12 **Type:** R **Area:** 5000.00 SqFt **PCI:** 62

Sample Comments:

48	L & T CR	L	314.00	Ft
48	L & T CR	L	672.00	Ft
57	WEATHERING	M	5000.00	SqFt

Sample Number: 18 **Type:** R **Area:** 5000.00 SqFt **PCI:** 68

Sample Comments:

48	L & T CR	L	569.00	Ft
48	L & T CR	L	99.00	Ft
57	WEATHERING	M	5000.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: A05AU **Name:** Apron 05 Aurora **Use:** APRON **Area:** 6,184 SqFt

Section: 01 of 1 **From:** Taxiway 15 **To:** Taxiway A3 **Last Const.:** 1/1/1989

Surface: AC **Family:** 2023_Region1_Cat1/2_Apron_AC **Zone:** KUAO **Category:** F **Rank:** S

Area: 6,184 SqFt **Length:** 150 Ft **Width:** 48 Ft

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

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

Section Comments:

Work Date: 1/1/1989 **Work Type:** New Construction - Initial **Code:** NC-IN **Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 18

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 6184.00 SqFt **PCI:** 18

Sample Comments:

41	ALLIGATOR CR	M	80.00	SqFt
48	L & T CR	L	329.00	Ft
50	PATCHING	L	150.00	SqFt
50	PATCHING	L	220.00	SqFt
52	RAVELING	H	320.00	SqFt
57	WEATHERING	H	5864.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: A06AU **Name:** Apron 06 Aurora **Use:** APRON **Area:** 3,790 SqFt

Section: 01 of 1 **From:** Taxiway A **To:** East **Last Const.:** 1/1/2007

Surface: AC **Family:** 2023_Region1_Cat1/2_Apron_AC **Zone:** KUAO **Category:** K **Rank:** S

Area: 3,790 SqFt **Length:** 79 Ft **Width:** 48 Ft

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

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

Section Comments:

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

Last Insp. Date: 7/1/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 53

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3790.00 SqFt **PCI:** 53

Sample Comments:

41	ALLIGATOR CR	M	78.00	SqFt
48	L & T CR	L	278.00	Ft
57	WEATHERING	M	3790.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: A07AU **Name:** Apron 07 Aurora **Use:** APRON **Area:** 21,600 SqFt

Section: 01 of 1 **From:** Taxiway A **To:** East **Last Const.:** 1/1/1989

Surface: PCC **Family:** 2023_Region1_Cat1/2_All PCC **Zone:** KUAO **Category:** F **Rank:** S

Area: 21,600 SqFt **Length:** 450 Ft **Width:** 48 Ft

Slabs: 48 **Slab Length:** 20 Ft **Slab Width:** 20 Ft **Joint Length:** 1,662 Ft

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

Section Comments:

Work Date: 1/1/1989 **Work Type:** New Construction - Initial **Code:** NC-IN **Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 3 **Surveyed:** 3

Conditions: **PCI:** 60

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 18.00 Slabs **PCI:** 47

Sample Comments:

63	LINEAR CR	L	4.00	Slabs
63	LINEAR CR	L	4.00	Slabs
65	JT SEAL DMG	M	18.00	Slabs
72	SHAT. SLAB	L	4.00	Slabs
73	SHRINKAGE CR	N	3.00	Slabs
74	JOINT SPALL	L	2.00	Slabs
74	JOINT SPALL	L	1.00	Slabs
75	CORNER SPALL	L	1.00	Slabs

Sample Number: 02 **Type:** R **Area:** 16.00 Slabs **PCI:** 68

Sample Comments:

63	LINEAR CR	L	2.00	Slabs
65	JT SEAL DMG	M	16.00	Slabs
72	SHAT. SLAB	L	1.00	Slabs
74	JOINT SPALL	L	3.00	Slabs
74	JOINT SPALL	M	1.00	Slabs

Sample Number: 03 **Type:** R **Area:** 14.00 Slabs **PCI:** 67

Sample Comments:

63	LINEAR CR	L	5.00	Slabs
65	JT SEAL DMG	M	14.00	Slabs
74	JOINT SPALL	L	3.00	Slabs
75	CORNER SPALL	L	3.00	Slabs
75	CORNER SPALL	L	2.00	Slabs

Network: Aurora **Name:** Aurora State

Branch: A08AU **Name:** Apron 08 Aurora **Use:** APRON **Area:** 22,503 SqFt

Section: 01 of 1 **From:** Taxiway A **To:** East **Last Const.:** 1/1/1989

Surface: AC **Family:** 2023_Region1_Cat1/2_Apron_AC **Zone:** KUAO **Category:** F **Rank:** S

Area: 22,503 SqFt **Length:** 480 Ft **Width:** 48 Ft

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

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

Section Comments:

Work Date: 1/1/1989 **Work Type:** New Construction - Initial **Code:** NC-IN **Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 5 **Surveyed:** 3

Conditions: **PCI:** 52

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 4800.00 SqFt **PCI:** 41

Sample Comments:

41	ALLIGATOR CR	M	118.00	SqFt
41	ALLIGATOR CR	M	62.00	SqFt
48	L & T CR	L	226.00	Ft
48	L & T CR	L	142.00	Ft
48	L & T CR	M	26.00	Ft
57	WEATHERING	M	4800.00	SqFt

Sample Number: 03 **Type:** R **Area:** 4800.00 SqFt **PCI:** 69

Sample Comments:

48	L & T CR	L	73.00	Ft
48	L & T CR	L	148.00	Ft
48	L & T CR	L	176.00	Ft
48	L & T CR	M	38.00	Ft
57	WEATHERING	M	4800.00	SqFt

Sample Number: 04 **Type:** R **Area:** 4800.00 SqFt **PCI:** 46

Sample Comments:

41	ALLIGATOR CR	M	48.00	SqFt
45	DEPRESSION	L	84.00	SqFt
48	L & T CR	L	195.00	Ft
48	L & T CR	M	52.00	Ft
57	WEATHERING	M	4740.00	SqFt
57	WEATHERING	H	60.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: A09AU **Name:** Apron 09 Aurora **Use:** APRON **Area:** 44,087 SqFt

Section: 01 of 3 **From:** Taxiway 10 **To:** East **Last Const.:** 1/1/1989

Surface: AC **Family:** 2023_Region1_Cat1/2_Apron_AC **Zone:** KUAO **Category:** F **Rank:** S

Area: 21,705 SqFt **Length:** 231 Ft **Width:** 132 Ft

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

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

Section Comments:

Work Date: 1/1/1989 **Work Type:** New Construction - Initial **Code:** NC-IN **Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 5 **Surveyed:** 3

Conditions: **PCI:** 49

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5000.00 SqFt **PCI:** 59

Sample Comments:

41	ALLIGATOR CR	M	12.00	SqFt
43	BLOCK CR	L	1600.00	SqFt
48	L & T CR	L	235.00	Ft
57	WEATHERING	M	5000.00	SqFt

Sample Number: 02 **Type:** R **Area:** 5000.00 SqFt **PCI:** 37

Sample Comments:

41	ALLIGATOR CR	M	156.00	SqFt
43	BLOCK CR	L	4500.00	SqFt
48	L & T CR	L	262.00	Ft
57	WEATHERING	M	5000.00	SqFt

Sample Number: 05 **Type:** R **Area:** 4385.00 SqFt **PCI:** 50

Sample Comments:

41	ALLIGATOR CR	M	24.00	SqFt
43	BLOCK CR	L	4385.00	SqFt
57	WEATHERING	M	4385.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: A09AU **Name:** Apron 09 Aurora **Use:** APRON **Area:** 44,087 SqFt

Section: 02 of 3 **From:** Taxiway 10 **To:** South **Last Const.:** 6/1/2010

Surface: AC **Family:** 2023_Region1_Cat1/2_Apron_AC **Zone:** KUAO **Category:** F **Rank:** S

Area: 13,596 SqFt **Length:** 103 Ft **Width:** 132 Ft

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

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

Section Comments:

Work Date: 6/1/2010 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 3 **Surveyed:** 2

Conditions: **PCI:** 18

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 5150.00 SqFt **PCI:** 12

Sample Comments:

41	ALLIGATOR CR	M	990.00	SqFt
41	ALLIGATOR CR	M	642.00	SqFt
41	ALLIGATOR CR	M	190.00	SqFt
41	ALLIGATOR CR	M	486.00	SqFt
45	DEPRESSION	L	40.00	SqFt
45	DEPRESSION	L	25.00	SqFt
48	L & T CR	L	178.00	Ft
57	WEATHERING	M	5150.00	SqFt

Sample Number: 03 **Type:** R **Area:** 5150.00 SqFt **PCI:** 25

Sample Comments:

41	ALLIGATOR CR	M	738.00	SqFt
48	L & T CR	L	26.00	Ft
57	WEATHERING	M	5050.00	SqFt
57	WEATHERING	H	100.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: A09AU **Name:** Apron 09 Aurora **Use:** APRON **Area:** 44,087 SqFt

Section: 03 of 3 **From:** Paved Infill **To:** - **Last Const.:** 6/1/2010

Surface: AC **Family:** 2023_Region1_Cat1/2_Apron_AC **Zone:** KUAO **Category:** F **Rank:** S

Area: 8,786 SqFt **Length:** 145 Ft **Width:** 68 Ft

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

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

Section Comments:

Work Date: 6/1/2010 **Work Type:** New Construction - Initial **Code:** NC-IN **Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 50

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4393.00 SqFt **PCI:** 53

Sample Comments:

41	ALLIGATOR CR	M	8.00	SqFt
41	ALLIGATOR CR	M	64.00	SqFt
45	DEPRESSION	L	21.00	SqFt
48	L & T CR	L	83.00	Ft
48	L & T CR	L	143.00	Ft
57	WEATHERING	L	4393.00	SqFt

Sample Number: 02 **Type:** R **Area:** 4393.00 SqFt **PCI:** 47

Sample Comments:

41	ALLIGATOR CR	M	156.00	SqFt
48	L & T CR	L	147.00	Ft
57	WEATHERING	L	4393.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: A10AU **Name:** Apron 10 Aurora **Use:** APRON **Area:** 18,242 SqFt

Section: 01 of 1 **From:** A06AU-01 **To:** TAAU-02 **Last Const.:** 9/1/2019

Surface: AC **Family:** 2023_Region1_Cat1/2_Apron_AC **Zone:** **Category:** **Rank:** S

Area: 18,242 SqFt **Length:** 380 Ft **Width:** 48 Ft

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

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

Section Comments:

Work Date: 9/1/2019 **Work Type:** New Construction - Initial **Code:** NC-IN **Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 4 **Surveyed:** 3

Conditions: **PCI:** 93

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4560.00 SqFt **PCI:** 90

Sample Comments:

48	L & T CR	L	18.00	Ft
57	WEATHERING	L	4560.00	SqFt

Sample Number: 02 **Type:** R **Area:** 4560.00 SqFt **PCI:** 94

Sample Comments:

57	WEATHERING	L	4560.00	SqFt

Sample Number: 04 **Type:** R **Area:** 4560.00 SqFt **PCI:** 94

Sample Comments:

57	WEATHERING	L	4560.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: AH35AU **Name:** Hold Apron 35 Aurora **Use:** APRON **Area:** 19,308 SqFt

Section: 01 of 1 **From:** Taxiway A **To:** END **Last Const.:** 8/1/2008

Surface: AC **Family:** 2023_Region1_Cat1/2_Apron_AC **Zone:** KUAO **Category:** F **Rank:** P

Area: 19,308 SqFt **Length:** 225 Ft **Width:** 80 Ft

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

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

Section Comments:

Work Date: 8/1/1993	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1993	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/3/1993	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/4/1993	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/1999	**Work Type:** Surface Seal - Fog Seal	**Code:** SS-FS	**Is Major M&R:** False
Work Date: 8/1/2008	**Work Type:** Overlay - Thin	**Code:** OL-ACTH	**Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 4 **Surveyed:** 3

Conditions: **PCI:** 61

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3723.00 SqFt **PCI:** 58

Sample Comments:

43	BLOCK CR	L	800.00	SqFt
48	L & T CR	L	316.00	Ft
48	L & T CR	M	41.00	Ft
57	WEATHERING	M	3723.00	SqFt

Sample Number: 02 **Type:** R **Area:** 5964.00 SqFt **PCI:** 63

Sample Comments:

43	BLOCK CR	L	595.00	SqFt
43	BLOCK CR	L	3825.00	SqFt
57	WEATHERING	M	5964.00	SqFt

Sample Number: 03 **Type:** R **Area:** 5989.00 SqFt **PCI:** 61

Sample Comments:

43	BLOCK CR	L	3240.00	SqFt
48	L & T CR	L	205.00	Ft
57	WEATHERING	M	5989.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: R17AU **Name:** Runway 17/35 Aurora **Use:** RUNWAY **Area:** 500,000 SqFt

Section: 01 of 2 **From:** Runway 17 End **To:** Section 02 **Last Const.:** 5/2/2005

Surface: AC **Family:** 2023_Region1_Cat1/2_Runway_AC **Zone:** KUAO **Category:** F **Rank:** P

Area: 410,000 SqFt **Length:** 4,100 Ft **Width:** 100 Ft

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

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

Section Comments:

Work Date: 8/1/1943	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1943	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/3/1943	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 5/1/2005	**Work Type:** Overlay - Thin	**Code:** OL-ACTH	**Is Major M&R:** True
Work Date: 5/2/2005	**Work Type:** Overlay - Thin	**Code:** OL-ACTH	**Is Major M&R:** True
Work Date: 9/1/2009	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 8/31/2016	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2016	**Work Type:** Oregon Slurry Seal	**Code:** OR-SS	**Is Major M&R:** False

Last Insp. Date: 7/1/2023 **TotalSamples:** 82 **Surveyed:** 6

Conditions: **PCI:** 62

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5000.00 SqFt **PCI:** 66

Sample Comments:

43	BLOCK CR	L	675.00	SqFt
48	L & T CR	L	337.00	Ft
57	WEATHERING	M	5000.00	SqFt

Sample Number: 21 **Type:** R **Area:** 5000.00 SqFt **PCI:** 60

Sample Comments:

43	BLOCK CR	L	500.00	SqFt
48	L & T CR	L	478.00	Ft
48	L & T CR	M	24.00	Ft
57	WEATHERING	M	5000.00	SqFt

Sample Number: 38 **Type:** R **Area:** 5000.00 SqFt **PCI:** 62

Sample Comments:

48	L & T CR	L	415.00	Ft
48	L & T CR	M	184.00	Ft
57	WEATHERING	M	5000.00	SqFt

Sample Number: 51 **Type:** R **Area:** 5000.00 SqFt **PCI:** 60

Sample Comments:

43	BLOCK CR	L	750.00	SqFt
48	L & T CR	L	402.00	Ft
48	L & T CR	M	61.00	Ft
57	WEATHERING	M	5000.00	SqFt

Sample Number: 68 **Type:** R **Area:** 5000.00 SqFt **PCI:** 60

Sample Comments:

48	L & T CR	L	828.00	Ft
48	L & T CR	M	86.00	Ft
57	WEATHERING	M	5000.00	SqFt

Sample Number: 81 **Type:** R **Area:** 5000.00 SqFt **PCI:** 63

Sample Comments:

43	BLOCK CR	L	800.00	SqFt

43	BLOCK CR	L	800.00	SqFt
48	L & T CR	L	237.00	Ft
48	L & T CR	L	67.00	Ft
57	WEATHERING	M	5000.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: R17AU **Name:** Runway 17/35 Aurora **Use:** RUNWAY **Area:** 500,000 SqFt

Section: 02 of 2 **From:** Section 01 **To:** Runway 35 End **Last Const.:** 5/1/2005

Surface: AAC **Family:** 2023_Region1_Cat1/2_Runway_AC **Zone:** KUAO **Category:** F **Rank:** P

Area: 90,000 SqFt **Length:** 900 Ft **Width:** 100 Ft

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

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

Section Comments:

Work Date: 8/1/1993	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1993	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/3/1993	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/4/1993	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/1999	**Work Type:** Surface Treatment - Slurry Seal	**Code:** ST-SS	**Is Major M&R:** False
Work Date: 5/1/2005	**Work Type:** Overlay - AC Thin	**Code:** OL-AT	**Is Major M&R:** True
Work Date: 9/1/2009	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2016	**Work Type:** Oregon Slurry Seal	**Code:** OR-SS	**Is Major M&R:** False

Last Insp. Date: 7/1/2023 **TotalSamples:** 18 **Surveyed:** 5

Conditions: **PCI:** 56

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5000.00 SqFt **PCI:** 52

Sample Comments:

41	ALLIGATOR CR	L	80.00	SqFt
43	BLOCK CR	L	1200.00	SqFt
43	BLOCK CR	L	800.00	SqFt
48	L & T CR	L	67.00	Ft
57	WEATHERING	M	5000.00	SqFt

Sample Number: 06 **Type:** R **Area:** 5000.00 SqFt **PCI:** 58

Sample Comments:

43	BLOCK CR	L	2250.00	SqFt
43	BLOCK CR	L	1200.00	SqFt
48	L & T CR	L	139.00	Ft
57	WEATHERING	M	5000.00	SqFt

Sample Number: 10 **Type:** R **Area:** 5000.00 SqFt **PCI:** 55

Sample Comments:

43	BLOCK CR	L	500.00	SqFt
43	BLOCK CR	L	1350.00	SqFt
43	BLOCK CR	M	400.00	SqFt
48	L & T CR	L	276.00	Ft
57	WEATHERING	M	5000.00	SqFt

Sample Number: 14 **Type:** R **Area:** 5000.00 SqFt **PCI:** 59

Sample Comments:

43	BLOCK CR	L	820.00	SqFt
48	L & T CR	L	197.00	Ft
48	L & T CR	L	198.00	Ft
48	L & T CR	M	148.00	Ft
57	WEATHERING	M	5000.00	SqFt

Sample Number: 17 **Type:** R **Area:** 5000.00 SqFt **PCI:** 58

Sample Comments:

43	BLOCK CR	L	600.00	SqFt
48	L & T CR	L	600.00	Ft

48	L & T CR	M	71.00	Ft
57	WEATHERING	M	5000.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: T01AU **Name:** Taxiway 01 Aurora **Use:** TAXIWAY **Area:** 9,478 SqFt

Section: 01 of 1 **From:** Tie Down Apron New **To:** Hangars **Last Const.:** 8/1/2001

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** S

Area: 9,478 SqFt **Length:** 380 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: 8/1/1980	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/2/1980	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/2001	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 9/1/2009	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

Last Insp. Date: 7/1/2023 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 79

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4362.00 SqFt **PCI:** 78

Sample Comments:

48	L & T CR	L	184.00	Ft
48	L & T CR	L	86.00	Ft
57	WEATHERING	L	4362.00	SqFt

Sample Number: 02 **Type:** R **Area:** 5116.00 SqFt **PCI:** 79

Sample Comments:

48	L & T CR	L	276.00	Ft
57	WEATHERING	L	5116.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: T02AU **Name:** Taxiway 02 Aurora **Use:** TAXIWAY **Area:** 9,468 SqFt

Section: 01 of 1 **From:** Tie Down Apron New **To:** Hangars **Last Const.:** 8/1/2001

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** S

Area: 9,468 SqFt **Length:** 378 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: 8/1/1980	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/2/1980	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/2001	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 9/1/2009	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

Last Insp. Date: 7/1/2023 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 60

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4378.00 SqFt **PCI:** 54

Sample Comments:

41	ALLIGATOR CR	M	42.00	SqFt
48	L & T CR	L	217.00	Ft
48	L & T CR	M	26.00	Ft
50	PATCHING	L	24.00	SqFt
57	WEATHERING	M	4378.00	SqFt

Sample Number: 02 **Type:** R **Area:** 5090.00 SqFt **PCI:** 65

Sample Comments:

48	L & T CR	L	84.00	Ft
48	L & T CR	M	8.00	Ft
52	RAVELING	M	21.00	SqFt
57	WEATHERING	M	5090.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: T03AU **Name:** Taxiway 03 Aurora **Use:** TAXIWAY **Area:** 3,684 SqFt

Section: 01 of 1 **From:** Taxiway A **To:** Apron 01 **Last Const.:** 9/26/2015

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** S

Area: 3,684 SqFt **Length:** 83 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: 9/24/2015	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 9/25/2015	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 9/26/2015	**Work Type:** Complete Reconstruction - AC	**Code:** CR-AC	**Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3684.00 SqFt **PCI:** 94

Sample Comments:

57	WEATHERING	L	3684.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: T04AU **Name:** Taxiway 04 Aurora **Use:** TAXIWAY **Area:** 3,880 SqFt

Section: 01 of 1 **From:** Taxiway A **To:** Apron 01 **Last Const.:** 9/26/2015

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** S

Area: 3,880 SqFt **Length:** 75 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: 9/24/2015	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 9/25/2015	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 9/26/2015	**Work Type:** Complete Reconstruction - AC	**Code:** CR-AC	**Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3880.00 SqFt **PCI:** 94

Sample Comments:

57	WEATHERING	L	3880.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: T05AU **Name:** Taxiway 05 Aurora **Use:** TAXIWAY **Area:** 11,678 SqFt

Section: 01 of 1 **From:** Apron 01 **To:** Apron 02 **Last Const.:** 9/26/2015

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** S

Area: 11,678 SqFt **Length:** 228 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: 9/24/2015 **Work Type:** Subbase - Aggregate **Code:** SB-AG **Is Major M&R:** False

Work Date: 9/25/2015 **Work Type:** Base Course - Aggregate **Code:** BA-AG **Is Major M&R:** False

Work Date: 9/26/2015 **Work Type:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5236.00 SqFt **PCI:** 94

Sample Comments:

57	WEATHERING	L	5236.00	SqFt

Sample Number: 02 **Type:** R **Area:** 6441.00 SqFt **PCI:** 94

Sample Comments:

57	WEATHERING	L	6441.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: T06AU **Name:** Taxiway 06 Aurora **Use:** TAXIWAY **Area:** 3,128 SqFt

Section: 01 of 1 **From:** TAAU-01 **To:** A02AU-01 **Last Const.:** 9/3/2008

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** S

Area: 3,128 SqFt **Length:** 48 Ft **Width:** 36 Ft

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

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

Section Comments:

Work Date: 8/1/1987	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/2/1987	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/2002	**Work Type:** Surface Seal - Fog Seal	**Code:** SS-FS	**Is Major M&R:** False
Work Date: 9/1/2008	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 9/2/2008	**Work Type:** Base Course - Crushed Aggregate	**Code:** BA-CA	**Is Major M&R:** False
Work Date: 9/3/2008	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 74

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3128.00 SqFt **PCI:** 74

Sample Comments:

48	L & T CR	L	258.00	Ft
57	WEATHERING	M	3128.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: T07AU **Name:** Taxiway 07 Aurora **Use:** TAXIWAY **Area:** 3,953 SqFt

Section: 01 of 1 **From:** TAAU **To:** Private Apron **Last Const.:** 8/1/2008

Surface: AAC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** S

Area: 3,953 SqFt **Length:** 48 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: 8/1/1978	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/2/1978	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/1993	**Work Type:** Overlay - AC Thin	**Code:** OL-AT	**Is Major M&R:** True
Work Date: 8/1/1999	**Work Type:** Surface Seal - Fog Seal	**Code:** SS-FS	**Is Major M&R:** False
Work Date: 8/1/2008	**Work Type:** Overlay - Thin	**Code:** OL-ACTH	**Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 70

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3953.00 SqFt **PCI:** 70

Sample Comments:

48	L & T CR	L	448.00	Ft
57	WEATHERING	M	3953.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: T08AU **Name:** Taxiway 08 Aurora **Use:** TAXIWAY **Area:** 4,516 SqFt

Section: 01 of 1 **From:** Taxiway 05 **To:** Apron 05 **Last Const.:** 1/1/1989

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** S

Area: 4,516 SqFt **Length:** 174 Ft **Width:** 25 Ft

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

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

Section Comments:

Work Date: 1/1/1989 **Work Type:** New Construction - Initial **Code:** NC-IN **Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 30

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4516.00 SqFt **PCI:** 30

Sample Comments:

41	ALLIGATOR CR	M	36.00	SqFt
41	ALLIGATOR CR	M	78.00	SqFt
41	ALLIGATOR CR	M	159.00	SqFt
41	ALLIGATOR CR	M	192.00	SqFt
48	L & T CR	L	695.00	Ft
50	PATCHING	L	39.00	SqFt
57	WEATHERING	M	4516.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: T09AU **Name:** Taxiway 09 Aurora **Use:** TAXIWAY **Area:** 12,198 SqFt

Section: 01 of 1 **From:** Apron 05 **To:** End **Last Const.:** 1/1/1989

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** S

Area: 12,198 SqFt **Length:** 464 Ft **Width:** 26 Ft

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

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

Section Comments:

Work Date: 1/1/1989 **Work Type:** New Construction - Initial **Code:** NC-IN **Is Major M&R:** True

Work Date: 9/1/2016 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Last Insp. Date: 7/1/2023 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 64

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 6864.00 SqFt **PCI:** 69

Sample Comments:

48	L & T CR	L	582.00	Ft
48	L & T CR	M	65.00	Ft
50	PATCHING	L	61.00	SqFt
50	PATCHING	L	52.00	SqFt

Sample Number: 02 **Type:** R **Area:** 5334.00 SqFt **PCI:** 58

Sample Comments:

48	L & T CR	L	200.00	Ft
48	L & T CR	L	30.00	Ft
48	L & T CR	L	244.00	Ft
48	L & T CR	M	57.00	Ft
50	PATCHING	L	92.00	SqFt
52	RAVELING	M	144.00	SqFt
57	WEATHERING	M	5190.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: T10AU **Name:** Taxiway 10 Aurora **Use:** TAXIWAY **Area:** 9,280 SqFt

Section: 01 of 1 **From:** Apron 05 **To:** End **Last Const.:** 1/1/1989

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** S

Area: 9,280 SqFt **Length:** 464 Ft **Width:** 20 Ft

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

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

Section Comments:

Work Date: 1/1/1989 **Work Type:** New Construction - Initial **Code:** NC-IN **Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 61

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5280.00 SqFt **PCI:** 55

Sample Comments:

48	L & T CR	L	180.00	Ft
48	L & T CR	L	250.00	Ft
50	PATCHING	L	12.00	SqFt
52	RAVELING	M	1440.00	SqFt
57	WEATHERING	M	3840.00	SqFt

Sample Number: 02 **Type:** R **Area:** 4000.00 SqFt **PCI:** 70

Sample Comments:

48	L & T CR	L	204.00	Ft
48	L & T CR	L	105.00	Ft
50	PATCHING	L	90.00	SqFt
50	PATCHING	L	60.00	SqFt
57	WEATHERING	M	4000.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: T11AU **Name:** Taxiway 11 Aurora **Use:** TAXIWAY **Area:** 2,325 SqFt

Section: 01 of 1 **From:** Apron 05 **To:** End **Last Const.:** 1/1/1989

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** S

Area: 2,325 SqFt **Length:** 85 Ft **Width:** 25 Ft

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

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

Section Comments:

Work Date: 1/1/1989 **Work Type:** New Construction - Initial **Code:** NC-IN **Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 65

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 2325.00 SqFt **PCI:** 65

Sample Comments:

48	L & T CR	L	112.00	Ft
48	L & T CR	M	34.00	Ft
50	PATCHING	L	100.00	SqFt
57	WEATHERING	M	2325.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: T12AU **Name:** Taxiway 12 Aurora **Use:** TAXIWAY **Area:** 2,749 SqFt

Section: 01 of 1 **From:** Taxiway A **To:** End **Last Const.:** 1/1/2001

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** S

Area: 2,749 SqFt **Length:** 48 Ft **Width:** 35 Ft

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

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

Section Comments:

Work Date: 1/1/2001 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 65

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 2749.00 SqFt **PCI:** 65

Sample Comments:

48	L & T CR	L	170.00	Ft
48	L & T CR	L	267.00	Ft
57	WEATHERING	M	2749.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: T13AU **Name:** Taxiway 13 Aurora **Use:** TAXIWAY **Area:** 2,992 SqFt

Section: 01 of 1 **From:** Taxiway A **To:** End **Last Const.:** 1/1/1989

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** S

Area: 2,992 SqFt **Length:** 40 Ft **Width:** 48 Ft

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

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

Section Comments:

Work Date: 1/1/1989 **Work Type:** New Construction - Initial **Code:** NC-IN **Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 52

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 2992.00 SqFt **PCI:** 52

Sample Comments:

41	ALLIGATOR CR	M	38.00	SqFt
48	L & T CR	L	189.00	Ft
48	L & T CR	L	152.00	Ft
57	WEATHERING	M	2992.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: TA1AU **Name:** Taxiway A1 Aurora **Use:** TAXIWAY **Area:** 11,277 SqFt

Section: 01 of 2 **From:** Runway 17 End **To:** TA1AU-01 **Last Const.:** 5/2/2005

Surface: AAC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** P

Area: 2,537 SqFt **Length:** 50 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: 8/1/1978	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1978	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/3/1978	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/1999	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 8/2/1999	**Work Type:** Surface Seal - Fog Seal	**Code:** SS-FS	**Is Major M&R:** False
Work Date: 8/1/2002	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 5/2/2005	**Work Type:** Overlay - AC Thin	**Code:** OL-AT	**Is Major M&R:** True
Work Date: 9/1/2016	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

Last Insp. Date: 7/1/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 40

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 2537.00 SqFt **PCI:** 40

Sample Comments:

41	ALLIGATOR CR	M	12.00	SqFt
43	BLOCK CR	L	1540.00	SqFt
48	L & T CR	L	228.00	Ft
48	L & T CR	L	547.00	Ft
57	WEATHERING	M	2537.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: TA1AU **Name:** Taxiway A1 Aurora **Use:** TAXIWAY **Area:** 11,277 SqFt

Section: 02 of 2 **From:** TA1AU-01 **To:** TAAU-01 **Last Const.:** 9/3/2008

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** P

Area: 8,740 SqFt **Length:** 183 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: 8/1/1978	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1978	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/3/1978	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/1999	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 8/2/1999	**Work Type:** Surface Seal - Fog Seal	**Code:** SS-FS	**Is Major M&R:** False
Work Date: 8/1/2002	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2008	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 9/2/2008	**Work Type:** Base Course - Crushed Aggregate	**Code:** BA-CA	**Is Major M&R:** False
Work Date: 9/3/2008	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 65

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 2382.00 SqFt **PCI:** 52

Sample Comments:

41	ALLIGATOR CR	L	32.00	SqFt
48	L & T CR	L	249.00	Ft
48	L & T CR	L	242.00	Ft
57	WEATHERING	M	2382.00	SqFt

Sample Number: 02 **Type:** R **Area:** 6358.00 SqFt **PCI:** 70

Sample Comments:

41	ALLIGATOR CR	M	9.00	SqFt
48	L & T CR	L	372.00	Ft
57	WEATHERING	M	6358.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: TA2AU **Name:** Taxiway A2 Aurora **Use:** TAXIWAY **Area:** 11,668 SqFt

Section: 02 of 2 **From:** TA2AU-01 **To:** TAAU-01 **Last Const.:** 9/3/2008

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** P

Area: 8,595 SqFt **Length:** 183 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: 8/1/1978	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1978	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/3/1978	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/1999	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 8/2/1999	**Work Type:** Surface Seal - Fog Seal	**Code:** SS-FS	**Is Major M&R:** False
Work Date: 8/1/2002	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2008	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 9/2/2008	**Work Type:** Base Course - Crushed Aggregate	**Code:** BA-CA	**Is Major M&R:** False
Work Date: 9/3/2008	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 68

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 2631.00 SqFt **PCI:** 64

Sample Comments:

48	L & T CR	L	285.00	Ft
48	L & T CR	L	162.00	Ft
57	WEATHERING	M	2631.00	SqFt

Sample Number: 02 **Type:** R **Area:** 5964.00 SqFt **PCI:** 70

Sample Comments:

48	L & T CR	L	692.00	Ft
57	WEATHERING	M	5964.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: TA2AU **Name:** Taxiway A2 Aurora **Use:** TAXIWAY **Area:** 11,668 SqFt

Section: 01 of 2 **From:** Runway 17/35 **To:** TA2AU-02 **Last Const.:** 5/2/2005

Surface: AAC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** P

Area: 3,073 SqFt **Length:** 50 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: 8/1/1978	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1978	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/3/1978	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/1999	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 8/2/1999	**Work Type:** Surface Seal - Fog Seal	**Code:** SS-FS	**Is Major M&R:** False
Work Date: 8/1/2002	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 5/2/2005	**Work Type:** Overlay - AC Thin	**Code:** OL-AT	**Is Major M&R:** True
Work Date: 9/1/2016	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

Last Insp. Date: 7/1/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 73

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3073.00 SqFt **PCI:** 73

Sample Comments:

43	BLOCK CR	L	640.00	SqFt
57	WEATHERING	M	3073.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: TA3AU **Name:** Taxiway A3 Aurora **Use:** TAXIWAY **Area:** 15,406 SqFt

Section: 01 of 3 **From:** Runway 17/35 **To:** TA3AU-02 **Last Const.:** 5/2/2005

Surface: AAC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** P

Area: 3,403 SqFt **Length:** 50 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: 8/1/1978 **Work Type:** Subbase - Aggregate **Code:** SB-AG **Is Major M&R:** False

Work Date: 5/1/2005 **Work Type:** Base Course - Aggregate **Code:** BA-AG **Is Major M&R:** False

Work Date: 5/2/2005 **Work Type:** Overlay - AC Thin **Code:** OL-AT **Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 60

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3403.00 SqFt **PCI:** 60

Sample Comments:

48	L & T CR	L	502.00	Ft
48	L & T CR	M	73.00	Ft
57	WEATHERING	M	3403.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: TA3AU **Name:** Taxiway A3 Aurora **Use:** TAXIWAY **Area:** 15,406 SqFt

Section: 03 of 3 **From:** TAAU-02 **To:** End **Last Const.:** 9/3/2007

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** P

Area: 3,190 SqFt **Length:** 51 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: 9/1/2007 **Work Type:** Subbase - Aggregate **Code:** SB-AG **Is Major M&R:** False

Work Date: 9/2/2007 **Work Type:** Base Course - Crushed Aggregate **Code:** BA-CA **Is Major M&R:** False

Work Date: 9/3/2007 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 67

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3190.00 SqFt **PCI:** 67

Sample Comments:

48	L & T CR	L	196.00	Ft
48	L & T CR	M	93.00	Ft
57	WEATHERING	M	3190.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: TA3AU **Name:** Taxiway A3 Aurora **Use:** TAXIWAY **Area:** 15,406 SqFt

Section: 02 of 3 **From:** TA3AU-01 **To:** TAAU-02 **Last Const.:** 9/3/2007

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** P

Area: 8,813 SqFt **Length:** 183 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: 9/1/2007	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 9/2/2007	**Work Type:** Base Course - Crushed Aggregate	**Code:** BA-CA	**Is Major M&R:** False
Work Date: 9/3/2007	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 68

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 2446.00 SqFt **PCI:** 70

Sample Comments:

48	L & T CR	L	272.00	Ft
57	WEATHERING	M	2446.00	SqFt

Sample Number: 02 **Type:** R **Area:** 6367.00 SqFt **PCI:** 67

Sample Comments:

48	L & T CR	L	641.00	Ft
48	L & T CR	M	65.00	Ft
57	WEATHERING	M	6367.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: TA4AU **Name:** Taxiway A4 Aurora **Use:** TAXIWAY **Area:** 12,352 SqFt

Section: 01 of 2 **From:** Runway 17/35 **To:** TA4AU-02 **Last Const.:** 5/2/2005

Surface: AAC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** P

Area: 3,324 SqFt **Length:** 50 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: 8/1/1978	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1978	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/3/1978	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/1999	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 8/2/1999	**Work Type:** Surface Seal - Fog Seal	**Code:** SS-FS	**Is Major M&R:** False
Work Date: 8/1/2002	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 5/2/2005	**Work Type:** Overlay - AC Thin	**Code:** OL-AT	**Is Major M&R:** True
Work Date: 8/1/2009	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

Last Insp. Date: 7/1/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 54

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3324.00 SqFt **PCI:** 54

Sample Comments:

43	BLOCK CR	L	700.00	SqFt
43	BLOCK CR	L	720.00	SqFt
48	L & T CR	L	280.00	Ft
48	L & T CR	M	110.00	Ft
57	WEATHERING	M	3324.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: TA4AU **Name:** Taxiway A4 Aurora **Use:** TAXIWAY **Area:** 12,352 SqFt

Section: 02 of 2 **From:** TA4AU-01 **To:** TAAU-02 **Last Const.:** 9/3/2007

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** P

Area: 9,028 SqFt **Length:** 183 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: 9/1/2007 **Work Type:** Subbase - Aggregate **Code:** SB-AG **Is Major M&R:** False

Work Date: 9/2/2007 **Work Type:** Base Course - Crushed Aggregate **Code:** BA-CA **Is Major M&R:** False

Work Date: 9/3/2007 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 56

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 2446.00 SqFt **PCI:** 59

Sample Comments:

48	L & T CR	L	155.00	Ft
48	L & T CR	L	140.00	Ft
48	L & T CR	M	52.00	Ft
57	WEATHERING	M	2386.00	SqFt
57	WEATHERING	H	60.00	SqFt

Sample Number: 02 **Type:** R **Area:** 5928.00 SqFt **PCI:** 54

Sample Comments:

48	L & T CR	L	680.00	Ft
48	L & T CR	M	48.00	Ft
50	PATCHING	L	930.00	SqFt
57	WEATHERING	M	5728.00	SqFt
57	WEATHERING	H	200.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: TA5AU **Name:** Taxiway A5 Aurora **Use:** TAXIWAY **Area:** 9,680 SqFt

Section: 02 of 3 **From:** TA5AU-01 **To:** TA5AU-03 **Last Const.:** 8/1/2008

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** P

Area: 5,223 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: 8/1/1993	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1993	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/3/1993	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/4/1993	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/1999	**Work Type:** Surface Seal - Fog Seal	**Code:** SS-FS	**Is Major M&R:** False
Work Date: 8/1/2008	**Work Type:** Overlay - Thin	**Code:** OL-ACTH	**Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 58

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5223.00 SqFt **PCI:** 58

Sample Comments:

48	L & T CR	L	448.00	Ft
48	L & T CR	L	512.00	Ft
48	L & T CR	M	24.00	Ft
57	WEATHERING	M	5223.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: TA5AU **Name:** Taxiway A5 Aurora **Use:** TAXIWAY **Area:** 9,680 SqFt

Section: 01 of 3 **From:** TA5AU-02 **To:** Runway 35 End **Last Const.:** 5/2/2005

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** P

Area: 2,520 SqFt **Length:** 50 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: 8/1/1993	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1993	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/3/1993	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/4/1993	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/1999	**Work Type:** Surface Seal - Fog Seal	**Code:** SS-FS	**Is Major M&R:** False
Work Date: 5/2/2005	**Work Type:** Overlay - Thin	**Code:** OL-ACTH	**Is Major M&R:** True
Work Date: 9/1/2016	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

Last Insp. Date: 7/1/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 59

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 2520.00 SqFt **PCI:** 59

Sample Comments:

43	BLOCK CR	L	2520.00	SqFt
57	WEATHERING	M	2520.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: TA5AU **Name:** Taxiway A5 Aurora **Use:** TAXIWAY **Area:** 9,680 SqFt

Section: 03 of 3 **From:** Taxiway A **To:** TA5-02 **Last Const.:** 8/1/2008

Surface: AAC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** P

Area: 1,937 SqFt **Length:** 55 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: 8/1/2008 **Work Type:** New Construction - Initial **Code:** NC-IN **Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 63

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 1937.00 SqFt **PCI:** 63

Sample Comments:

48	L & T CR	L	355.00	Ft
57	WEATHERING	M	1937.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: TAAAU **Name:** Taxiway AA Aurora **Use:** TAXIWAY **Area:** 7,284 SqFt

Section: 01 of 1 **From:** TL01 **To:** TL03 **Last Const.:** 9/3/2016

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** P

Area: 7,284 SqFt **Length:** 290 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: 9/1/2016	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 9/2/2016	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 9/3/2016	**Work Type:** Complete Reconstruction - AC	**Code:** CR-AC	**Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3512.00 SqFt **PCI:** 94

Sample Comments:

57	WEATHERING	L	3512.00	SqFt

Sample Number: 02 **Type:** R **Area:** 3772.00 SqFt **PCI:** 94

Sample Comments:

57	WEATHERING	L	3772.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: TAAU **Name:** Taxiway A Aurora **Use:** TAXIWAY **Area:** 174,874 SqFt

Section: 03 of 3 **From:** TA4AU-01 **To:** TAAU-04 **Last Const.:** 8/1/2008

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** P

Area: 29,204 SqFt **Length:** 834 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: 8/1/1993	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1993	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/3/1993	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/4/1993	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/1999	**Work Type:** Surface Seal - Fog Seal	**Code:** SS-FS	**Is Major M&R:** False
Work Date: 8/1/2008	**Work Type:** Overlay - Thin	**Code:** OL-ACTH	**Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 6 **Surveyed:** 3

Conditions: **PCI:** 55

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5250.00 SqFt **PCI:** 53

Sample Comments:

41	ALLIGATOR CR	M	12.00	SqFt
48	L & T CR	L	398.00	Ft
48	L & T CR	L	609.00	Ft
48	L & T CR	M	42.00	Ft
57	WEATHERING	M	5250.00	SqFt

Sample Number: 02 **Type:** R **Area:** 5250.00 SqFt **PCI:** 62

Sample Comments:

48	L & T CR	L	262.00	Ft
48	L & T CR	L	492.00	Ft
48	L & T CR	M	18.00	Ft
57	WEATHERING	M	5250.00	SqFt

Sample Number: 04 **Type:** R **Area:** 5250.00 SqFt **PCI:** 49

Sample Comments:

41	ALLIGATOR CR	L	18.00	SqFt
41	ALLIGATOR CR	M	2.00	SqFt
43	BLOCK CR	L	2000.00	SqFt
48	L & T CR	L	374.00	Ft
48	L & T CR	L	192.00	Ft
57	WEATHERING	M	5250.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: TAAU **Name:** Taxiway A Aurora **Use:** TAXIWAY **Area:** 174,874 SqFt

Section: 02 of 3 **From:** TAAU-01 **To:** TA4AU-02 **Last Const.:** 9/3/2007

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** P

Area: 88,885 SqFt **Length:** 2,540 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: 9/1/2007 **Work Type:** Subbase - Aggregate **Code:** SB-AG **Is Major M&R:** False

Work Date: 9/2/2007 **Work Type:** Base Course - Crushed Aggregate **Code:** BA-CA **Is Major M&R:** False

Work Date: 9/3/2007 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 17 **Surveyed:** 5

Conditions: **PCI:** 51

Inspection Comments:

Sample Number: 03 **Type:** R **Area:** 5250.00 SqFt **PCI:** 49

Sample Comments:

41	ALLIGATOR CR	M	92.00	SqFt
41	ALLIGATOR CR	M	22.00	SqFt
45	DEPRESSION	L	6.00	SqFt
48	L & T CR	L	250.00	Ft
48	L & T CR	L	289.00	Ft
57	WEATHERING	M	5250.00	SqFt

Sample Number: 07 **Type:** R **Area:** 5250.00 SqFt **PCI:** 56

Sample Comments:

41	ALLIGATOR CR	M	8.00	SqFt
48	L & T CR	L	775.00	Ft
48	L & T CR	M	12.00	Ft
57	WEATHERING	M	5250.00	SqFt

Sample Number: 11 **Type:** R **Area:** 5250.00 SqFt **PCI:** 50

Sample Comments:

41	ALLIGATOR CR	M	56.00	SqFt
48	L & T CR	L	497.00	Ft
48	L & T CR	L	326.00	Ft
57	WEATHERING	M	5250.00	SqFt

Sample Number: 14 **Type:** R **Area:** 5250.00 SqFt **PCI:** 56

Sample Comments:

41	ALLIGATOR CR	M	42.00	SqFt
48	L & T CR	L	312.00	Ft
48	L & T CR	L	243.00	Ft
57	WEATHERING	M	5250.00	SqFt

Sample Number: 16 **Type:** R **Area:** 5250.00 SqFt **PCI:** 45

Sample Comments:

41	ALLIGATOR CR	M	42.00	SqFt
48	L & T CR	L	418.00	Ft
48	L & T CR	L	434.00	Ft
48	L & T CR	M	14.00	Ft
57	WEATHERING	M	5190.00	SqFt
57	WEATHERING	H	60.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: TAAU **Name:** Taxiway A Aurora **Use:** TAXIWAY **Area:** 174,874 SqFt

Section: 01 of 3 **From:** TA1AU-02 **To:** T12AU-01 **Last Const.:** 9/3/2008

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** P

Area: 56,785 SqFt **Length:** 1,626 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: 9/1/2008 **Work Type:** Subbase - Aggregate **Code:** SB-AG **Is Major M&R:** False

Work Date: 9/2/2008 **Work Type:** Base Course - Crushed Aggregate **Code:** BA-CA **Is Major M&R:** False

Work Date: 9/3/2008 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 11 **Surveyed:** 4

Conditions: **PCI:** 62

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 5250.00 SqFt **PCI:** 70

Sample Comments:

48	L & T CR	L	293.00	Ft
48	L & T CR	L	315.00	Ft
57	WEATHERING	M	5250.00	SqFt

Sample Number: 04 **Type:** R **Area:** 5250.00 SqFt **PCI:** 55

Sample Comments:

41	ALLIGATOR CR	M	42.00	SqFt
48	L & T CR	L	284.00	Ft
48	L & T CR	L	362.00	Ft
57	WEATHERING	M	5250.00	SqFt

Sample Number: 06 **Type:** R **Area:** 5250.00 SqFt **PCI:** 67

Sample Comments:

48	L & T CR	L	382.00	Ft
48	L & T CR	L	374.00	Ft
57	WEATHERING	M	5250.00	SqFt

Sample Number: 09 **Type:** R **Area:** 5250.00 SqFt **PCI:** 56

Sample Comments:

41	ALLIGATOR CR	M	38.00	SqFt
48	L & T CR	L	131.00	Ft
48	L & T CR	L	178.00	Ft
48	L & T CR	L	309.00	Ft
57	WEATHERING	M	5250.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: TL1AU **Name:** Taxilane 01 Aurora **Use:** TAXIWAY **Area:** 9,921 SqFt

Section: 01 of 1 **From:** TAA **To:** Hangars **Last Const.:** 9/3/2016

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** S

Area: 9,921 SqFt **Length:** 386 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: 8/1/1980	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/2/1980	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/2001	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 9/1/2009	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 8/30/2016	**Work Type:** Geotextile	**Code:** FB-TX	**Is Major M&R:** False
Work Date: 8/31/2016	**Work Type:** Subbase - Sand Borrow	**Code:** SU-SB	**Is Major M&R:** False
Work Date: 9/1/2016	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 9/2/2016	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 9/3/2016	**Work Type:** Complete Reconstruction - AC	**Code:** CR-AC	**Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4648.00 SqFt **PCI:** 94

Sample Comments:

57	WEATHERING	L	4648.00	SqFt

Sample Number: 02 **Type:** R **Area:** 5273.00 SqFt **PCI:** 94

Sample Comments:

57	WEATHERING	L	5273.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: TL2AU **Name:** Taxilane 02 Aurora **Use:** TAXIWAY **Area:** 10,673 SqFt

Section: 01 of 1 **From:** TAA **To:** Hangars **Last Const.:** 9/3/2016

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** S

Area: 10,673 SqFt **Length:** 400 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: 8/1/1980	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/2/1980	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/2001	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 9/1/2009	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 8/30/2016	**Work Type:** Geotextile	**Code:** FB-TX	**Is Major M&R:** False
Work Date: 8/31/2016	**Work Type:** Subbase - Sand Borrow	**Code:** SU-SB	**Is Major M&R:** False
Work Date: 9/1/2016	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 9/2/2016	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 9/3/2016	**Work Type:** Complete Reconstruction - AC	**Code:** CR-AC	**Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 2 **Surveyed:** 2

Conditions: **PCI:** 91

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4990.00 SqFt **PCI:** 94

Sample Comments:

57	WEATHERING	L	4990.00	SqFt

Sample Number: 02 **Type:** R **Area:** 5682.00 SqFt **PCI:** 88

Sample Comments:

42	BLEEDING	N	75.00	SqFt
57	WEATHERING	L	5682.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: TL3AU **Name:** Taxilane 03 Aurora **Use:** TAXIWAY **Area:** 15,963 SqFt

Section: 01 of 1 **From:** TAA **To:** Hangars **Last Const.:** 9/3/2016

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** S

Area: 15,963 SqFt **Length:** 546 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: 8/1/1980	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/2/1980	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/2001	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 9/1/2009	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 8/30/2016	**Work Type:** Geotextile	**Code:** FB-TX	**Is Major M&R:** False
Work Date: 8/31/2016	**Work Type:** Subbase - Sand Borrow	**Code:** SU-SB	**Is Major M&R:** False
Work Date: 9/1/2016	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 9/2/2016	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 9/3/2016	**Work Type:** Complete Reconstruction - AC	**Code:** CR-AC	**Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 3 **Surveyed:** 2

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 5823.00 SqFt **PCI:** 94

Sample Comments:

57	WEATHERING	L	5823.00	SqFt

Sample Number: 03 **Type:** R **Area:** 5561.00 SqFt **PCI:** 94

Sample Comments:

57	WEATHERING	L	5561.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: TNWYLEEAU **Name:** North Wylee Taxiway Aurora **Use:** TAXIWAY **Area:** 3,465 SqFt

Section: 01 of 1 **From:** TAAU-01 **To:** Hangars **Last Const.:** 9/3/2008

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** S

Area: 3,465 SqFt **Length:** 66 Ft **Width:** 26 Ft

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

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

Section Comments:

Work Date: 9/1/2008	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 9/2/2008	**Work Type:** Base Course - Crushed Aggregate	**Code:** BA-CA	**Is Major M&R:** False
Work Date: 9/3/2008	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 70

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3465.00 SqFt **PCI:** 70

Sample Comments:

48	L & T CR	L	132.00	Ft
48	L & T CR	L	104.00	Ft
48	L & T CR	M	28.00	Ft
57	WEATHERING	M	3465.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: TSWYLEEAU **Name:** South Wylee Taxiway Aurora **Use:** TAXIWAY **Area:** 3,237 SqFt

Section: 01 of 1 **From:** TAAU-01 **To:** Hangars **Last Const.:** 9/3/2008

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** S

Area: 3,237 SqFt **Length:** 66 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: 9/1/2008	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 9/2/2008	**Work Type:** Base Course - Crushed Aggregate	**Code:** BA-CA	**Is Major M&R:** False
Work Date: 9/3/2008	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 66

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3237.00 SqFt **PCI:** 66

Sample Comments:

48	L & T CR	L	136.00	Ft
48	L & T CR	L	128.00	Ft
48	L & T CR	M	76.00	Ft
57	WEATHERING	M	3237.00	SqFt

Network: Aurora **Name:** Aurora State

Branch: TWILLAVAU **Name:** Willamette Aviation Taxiway Aurora **Use:** TAXIWAY **Area:** 3,777 SqFt

Section: 01 of 1 **From:** TAAU-01 **To:** Hangars **Last Const.:** 9/3/2008

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KUAO **Category:** F **Rank:** P

Area: 3,777 SqFt **Length:** 70 Ft **Width:** 42 Ft

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

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

Section Comments:

Work Date: 8/1/1978	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1978	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/3/1978	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/1999	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 8/2/1999	**Work Type:** Surface Seal - Fog Seal	**Code:** SS-FS	**Is Major M&R:** False
Work Date: 8/1/2002	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2008	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 9/2/2008	**Work Type:** Base Course - Crushed Aggregate	**Code:** BA-CA	**Is Major M&R:** False
Work Date: 9/3/2008	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 1 **Surveyed:** 1

Conditions: **PCI:** 74

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3777.00 SqFt **PCI:** 74

Sample Comments:

48	L & T CR	L	322.00	Ft
57	WEATHERING	M	3777.00	SqFt

APPENDIX F

Work History Report

Pavement Database: ODA_2023Survey_MASTER DB-12-19-2023_1.30pm

Network: Aurora State **Branch:** A01AU Apron 01 Aurora **Section:** 01 **Surface:**AC
L.C.D. 9/26/2015 **Use:** APRON **Rank:** P **Length:** 343.00 (Ft) **Width:** 146.00 (Ft) **True Area:** 56334 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/26/2015	CR-AC	Complete Reconstruction - AC	0.00	4.00	☑	
9/25/2015	BA-AG	Base Course - Aggregate	0.00	6.00	☐	
9/24/2015	SB-AG	Subbase - Aggregate	0.00	10.00	☐	
8/3/1978	NC-AC	New Construction - AC	0.00	2.00	☑	

Network: Aurora State **Branch:** A02AU Apron 02 Aurora **Section:** 01 **Surface:**AC
L.C.D. 8/2/2001 **Use:** APRON **Rank:** P **Length:** 523.00 (Ft) **Width:** 200.00 (Ft) **True Area:** 109649 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
8/2/2001	NC-AC	New Construction - AC	0.00	4.00	☑	P-401
8/1/2001	BA-AG	Base Course - Aggregate	0.00	12.00	☐	P-209

Network: Aurora State **Branch:** A03AU Tie Down Apron 0 **Section:** 01 **Surface:**AC
L.C.D. 1/1/1969 **Use:** APRON **Rank:** S **Length:** 197.00 (Ft) **Width:** 59.00 (Ft) **True Area:** 9162 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1969	NC-IN	New Construction - Initial	0.00	0.00	☑	

Network: Aurora State **Branch:** A04AU Tie Down Apron 0 **Section:** 01 **Surface:**AC
L.C.D. 1/1/2008 **Use:** APRON **Rank:** P **Length:** 520.00 (Ft) **Width:** 280.00 (Ft) **True Area:** 87212 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2008	NC-AC	New Construction - AC	0.00	0.00	☑	Unknown date and thickness

Network: Aurora State **Branch:** A05AU Apron 05 Aurora **Section:** 01 **Surface:**AC
L.C.D. 1/1/1989 **Use:** APRON **Rank:** S **Length:** 150.00 (Ft) **Width:** 48.00 (Ft) **True Area:** 6184 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1989	NC-IN	New Construction - Initial	0.00	0.00	☑	

Network: Aurora State **Branch:** A06AU Apron 06 Aurora **Section:** 01 **Surface:**AC
L.C.D. 1/1/2007 **Use:** APRON **Rank:** S **Length:** 79.00 (Ft) **Width:** 48.00 (Ft) **True Area:** 3790 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2007	NC-AC	New Construction - AC	0.00	0.00	☑	Unknown date and thickness

Network: Aurora State **Branch:** A07AU Apron 07 Aurora **Section:** 01 **Surface:**PCC
L.C.D. 1/1/1989 **Use:** APRON **Rank:** S **Length:** 450.00 (Ft) **Width:** 48.00 (Ft) **True Area:** 21600 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1989	NC-IN	New Construction - Initial	0.00	0.00	☑	

Network: Aurora State **Branch:** A08AU Apron 08 Aurora **Section:** 01 **Surface:** AC
L.C.D. 1/1/1989 **Use:** APRON **Rank:** S **Length:** 480.00 (Ft) **Width:** 48.00 (Ft) **True Area:** 22503 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1989	NC-IN	New Construction - Initial	0.00	0.00	☑	

Network: Aurora State **Branch:** A09AU Apron 09 Aurora **Section:** 01 **Surface:** AC
L.C.D. 1/1/1989 **Use:** APRON **Rank:** S **Length:** 231.00 (Ft) **Width:** 132.00 (Ft) **True Area:** 21705 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1989	NC-IN	New Construction - Initial	0.00	0.00	☑	

Network: Aurora State **Branch:** A09AU Apron 09 Aurora **Section:** 02 **Surface:** AC
L.C.D. 6/1/2010 **Use:** APRON **Rank:** S **Length:** 103.00 (Ft) **Width:** 132.00 (Ft) **True Area:** 13596 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
6/1/2010	NC-AC	New Construction - AC	0.00	0.00	☑	Unknown thickness and LCD

Network: Aurora State **Branch:** A09AU Apron 09 Aurora **Section:** 03 **Surface:** AC
L.C.D. 6/1/2010 **Use:** APRON **Rank:** S **Length:** 145.00 (Ft) **Width:** 68.00 (Ft) **True Area:** 8786 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
6/1/2010	NC-IN	New Construction - Initial	0.00	0.00	☑	

Network: Aurora State **Branch:** A10AU Apron 10 Aurora **Section:** 01 **Surface:** AC
L.C.D. 9/1/2019 **Use:** APRON **Rank:** S **Length:** 380.00 (Ft) **Width:** 48.00 (Ft) **True Area:** 18242 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2019	NC-IN	New Construction - Initial	0.00	0.00	☑	

Network: Aurora State **Branch:** AH35AU Hold Apron 35 Au **Section:** 01 **Surface:** AC
L.C.D. 8/1/2008 **Use:** APRON **Rank:** P **Length:** 225.00 (Ft) **Width:** 80.00 (Ft) **True Area:** 19308 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
8/1/2008	OL-ACTH	Overlay - Thin	0.00	2.50	☑	
8/1/1999	SS-FS	Surface Seal - Fog Seal	0.00	0.10	☐	
8/4/1993	NC-AC	New Construction - AC	0.00	4.00	☑	
8/3/1993	BA-AG	Base Course - Aggregate	0.00	6.00	☐	
8/2/1993	SB-AG	Subbase - Aggregate	0.00	7.00	☐	
8/1/1993	SB-AG	Subbase - Aggregate	0.00	36.00	☐	

Network: Aurora State **Branch:** R17AU Runway 17/35 Aur **Section:** 01 **Surface:** AC
L.C.D. 5/2/2005 **Use:** RUNWAY **Rank:** P **Length:** 4,100.00 (Ft) **Width:** 100.00 (Ft) **True Area:** 410000 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2016	OR-SS	Oregon Slurry Seal	0.00	0.00	☐	,
8/31/2016	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
5/2/2005	OL-ACTH	Overlay - Thin	0.00	3.00	☑	
5/1/2005	OL-ACTH	Overlay - Thin	0.00	2.50	☑	
8/3/1943	NC-AC	New Construction - AC	0.00	2.50	☑	
8/2/1943	BA-AG	Base Course - Aggregate	0.00	2.00	☐	
8/1/1943	SB-AG	Subbase - Aggregate	0.00	13.00	☐	

Network: Aurora State **Branch:** R17AU Runway 17/35 Aur **Section:** 02 **Surface:** AAC
L.C.D. 5/1/2005 **Use:** RUNWAY **Rank:** P **Length:** 900.00 (Ft) **Width:** 100.00 (Ft) **True Area:** 90000 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2016	OR-SS	Oregon Slurry Seal	0.00	0.00	☐	,
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
5/1/2005	OL-AT	Overlay - AC Thin	0.00	2.00	☑	
8/1/1999	ST-SS	Surface Treatment - Slurry Seal	0.00	0.50	☐	
8/4/1993	NC-AC	New Construction - AC	0.00	4.00	☑	
8/3/1993	BA-AG	Base Course - Aggregate	0.00	6.00	☐	
8/2/1993	SB-AG	Subbase - Aggregate	0.00	7.00	☐	
8/1/1993	SB-AG	Subbase - Aggregate	0.00	36.00	☐	

Network: Aurora State **Branch:** T01AU Taxiway 01 Aurora **Section:** 01 **Surface:** AC
L.C.D. 8/1/2001 **Use:** TAXIWAY **Rank:** S **Length:** 380.00 (Ft) **Width:** 25.00 (Ft) **True Area:** 9478 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
8/1/2001	NC-AC	New Construction - AC	0.00	0.00	☑	UNKNOWN, could be reconstruction
8/2/1980	NC-AC	New Construction - AC	0.00	0.00	☑	Date & Depth Unknown
8/1/1980	BA-AG	Base Course - Aggregate	0.00	0.00	☐	Date & Depth Unknown

Network: Aurora State **Branch:** T02AU Taxiway 02 Aurora **Section:** 01 **Surface:** AC
L.C.D. 8/1/2001 **Use:** TAXIWAY **Rank:** S **Length:** 378.00 (Ft) **Width:** 25.00 (Ft) **True Area:** 9468 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
8/1/2001	NC-AC	New Construction - AC	0.00	0.00	☑	UNKNOWN, could be reconstruction
8/2/1980	NC-AC	New Construction - AC	0.00	0.00	☑	Date & Depth Unknown
8/1/1980	BA-AG	Base Course - Aggregate	0.00	0.00	☐	Date & Depth Unknown

Network: Aurora State **Branch:** T03AU Taxiway 03 Aurora **Section:** 01 **Surface:** AC
L.C.D. 9/26/2015 **Use:** TAXIWAY **Rank:** S **Length:** 83.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 3684 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/26/2015	CR-AC	Complete Reconstruction - AC	0.00	4.00	☑	
9/25/2015	BA-AG	Base Course - Aggregate	0.00	6.00	☐	
9/24/2015	SB-AG	Subbase - Aggregate	0.00	10.00	☐	

Network: Aurora State **Branch:** T04AU Taxiway 04 Aurora **Section:** 01 **Surface:** AC
L.C.D. 9/26/2015 **Use:** TAXIWAY **Rank:** S **Length:** 75.00 (Ft) **Width:** 40.00 (Ft) **True Area:** 3880 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/26/2015	CR-AC	Complete Reconstruction - AC	0.00	4.00	☑	
9/25/2015	BA-AG	Base Course - Aggregate	0.00	6.00	☐	
9/24/2015	SB-AG	Subbase - Aggregate	0.00	10.00	☐	

Network: Aurora State **Branch:** T05AU Taxiway 05 Aurora **Section:** 01 **Surface:** AC
L.C.D. 9/26/2015 **Use:** TAXIWAY **Rank:** S **Length:** 228.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 11678 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/26/2015	CR-AC	Complete Reconstruction - AC	0.00	4.00	☑	
9/25/2015	BA-AG	Base Course - Aggregate	0.00	6.00	☐	
9/24/2015	SB-AG	Subbase - Aggregate	0.00	10.00	☐	

Network: Aurora State **Branch:** T06AU Taxiway 06 Aurora **Section:** 01 **Surface:** AC
L.C.D. 9/3/2008 **Use:** TAXIWAY **Rank:** S **Length:** 48.00 (Ft) **Width:** 36.00 (Ft) **True Area:** 3128 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/3/2008	NC-AC	New Construction - AC	0.00	4.00	☑	P-401
9/2/2008	BA-CA	Base Course - Crushed Aggregate	0.00	6.00	☐	P-209
9/1/2008	SB-AG	Subbase - Aggregate	0.00	13.00	☐	P-154
8/1/2002	SS-FS	Surface Seal - Fog Seal	0.00	0.10	☐	ASSUMED DATE
8/2/1987	NC-AC	New Construction - AC	0.00	0.00	☑	Date & Depth Unknown
8/1/1987	BA-AG	Base Course - Aggregate	0.00	0.00	☐	Date & Depth Unknown

Network: Aurora State **Branch:** T07AU Taxiway 07 Aurora **Section:** 01 **Surface:** AAC
L.C.D. 8/1/2008 **Use:** TAXIWAY **Rank:** S **Length:** 48.00 (Ft) **Width:** 60.00 (Ft) **True Area:** 3953 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
8/1/2008	OL-ACTH	Overlay - Thin	0.00	2.50	☑	
8/1/1999	SS-FS	Surface Seal - Fog Seal	0.00	0.10	☐	
8/1/1993	OL-AT	Overlay - AC Thin	0.00	2.00	☑	0-4" AC Taper
8/2/1978	NC-AC	New Construction - AC	0.00	0.00	☑	Date & Depth Unknown
8/1/1978	BA-AG	Base Course - Aggregate	0.00	0.00	☐	Date & Depth Unknown

Network: Aurora State **Branch:** T08AU Taxiway 08 Aurora **Section:** 01 **Surface:** AC
L.C.D. 1/1/1989 **Use:** TAXIWAY **Rank:** S **Length:** 174.00 (Ft) **Width:** 25.00 (Ft) **True Area:** 4516 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1989	NC-IN	New Construction - Initial	0.00	0.00	☑	

Network: Aurora State **Branch:** T09AU Taxiway 09 Aurora **Section:** 01 **Surface:** AC
L.C.D. 1/1/1989 **Use:** TAXIWAY **Rank:** S **Length:** 464.00 (Ft) **Width:** 26.00 (Ft) **True Area:** 12198 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2016	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
1/1/1989	NC-IN	New Construction - Initial	0.00	0.00	☑	

Network: Aurora State **Branch:** T10AU Taxiway 10 Aurora **Section:** 01 **Surface:** AC
L.C.D. 1/1/1989 **Use:** TAXIWAY **Rank:** S **Length:** 464.00 (Ft) **Width:** 20.00 (Ft) **True Area:** 9280 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1989	NC-IN	New Construction - Initial	0.00	0.00	☑	

Network: Aurora State **Branch:** T11AU Taxiway 11 Aurora **Section:** 01 **Surface:** AC
L.C.D. 1/1/1989 **Use:** TAXIWAY **Rank:** S **Length:** 85.00 (Ft) **Width:** 25.00 (Ft) **True Area:** 2325 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1989	NC-IN	New Construction - Initial	0.00	0.00	☑	

Network: Aurora State **Branch:** T12AU Taxiway 12 Aurora **Section:** 01 **Surface:** AC
L.C.D. 1/1/2001 **Use:** TAXIWAY **Rank:** S **Length:** 48.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 2749 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/2001	NC-AC	New Construction - AC	0.00	0.00	☑	Unknown date and thickness

Network: Aurora State **Branch:** T13AU Taxiway 13 Aurora **Section:** 01 **Surface:** AC
L.C.D. 1/1/1989 **Use:** TAXIWAY **Rank:** S **Length:** 40.00 (Ft) **Width:** 48.00 (Ft) **True Area:** 2992 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1989	NC-IN	New Construction - Initial	0.00	0.00	☑	

Network: Aurora State **Branch:** TA1AU Taxiway A1 Auror **Section:** 01 **Surface:** AAC
L.C.D. 5/2/2005 **Use:** TAXIWAY **Rank:** P **Length:** 50.00 (Ft) **Width:** 40.00 (Ft) **True Area:** 2537 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2016	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
5/2/2005	OL-AT	Overlay - AC Thin	0.00	0.00	☑	
8/1/2002	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/2/1999	SS-FS	Surface Seal - Fog Seal	0.00	0.10	☐	
8/1/1999	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/3/1978	NC-AC	New Construction - AC	0.00	2.00	☑	
8/2/1978	BA-AG	Base Course - Aggregate	0.00	7.00	☐	
8/1/1978	SB-AG	Subbase - Aggregate	0.00	3.00	☐	

Network: Aurora State **Branch:** TA1AU Taxiway A1 Auror **Section:** 02 **Surface:**AC
L.C.D. 9/3/2008 **Use:** TAXIWAY **Rank:** P **Length:** 182.50 (Ft) **Width:** 40.00 (Ft) **True Area:** 8740 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/3/2008	NC-AC	New Construction - AC	0.00	4.00	☑	P-401
9/2/2008	BA-CA	Base Course - Crushed Aggregate	0.00	6.00	☐	P-209
9/1/2008	SB-AG	Subbase - Aggregate	0.00	13.00	☐	P-154
8/1/2002	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/2/1999	SS-FS	Surface Seal - Fog Seal	0.00	0.10	☐	
8/1/1999	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/3/1978	NC-AC	New Construction - AC	0.00	2.00	☑	
8/2/1978	BA-AG	Base Course - Aggregate	0.00	7.00	☐	
8/1/1978	SB-AG	Subbase - Aggregate	0.00	3.00	☐	

Network: Aurora State **Branch:** TA2AU Taxiway A2 Auror **Section:** 01 **Surface:**AAC
L.C.D. 5/2/2005 **Use:** TAXIWAY **Rank:** P **Length:** 50.00 (Ft) **Width:** 40.00 (Ft) **True Area:** 3073 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2016	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
5/2/2005	OL-AT	Overlay - AC Thin	0.00	0.00	☑	
8/1/2002	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/2/1999	SS-FS	Surface Seal - Fog Seal	0.00	0.10	☐	
8/1/1999	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/3/1978	NC-AC	New Construction - AC	0.00	2.00	☑	
8/2/1978	BA-AG	Base Course - Aggregate	0.00	4.00	☐	
8/1/1978	SB-AG	Subbase - Aggregate	0.00	6.00	☐	

Network: Aurora State **Branch:** TA2AU Taxiway A2 Auror **Section:** 02 **Surface:**AC
L.C.D. 9/3/2008 **Use:** TAXIWAY **Rank:** P **Length:** 182.50 (Ft) **Width:** 40.00 (Ft) **True Area:** 8595 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/3/2008	NC-AC	New Construction - AC	0.00	4.00	☑	P-401
9/2/2008	BA-CA	Base Course - Crushed Aggregate	0.00	6.00	☐	P-209
9/1/2008	SB-AG	Subbase - Aggregate	0.00	13.00	☐	P-154
8/1/2002	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/2/1999	SS-FS	Surface Seal - Fog Seal	0.00	0.10	☐	
8/1/1999	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/3/1978	NC-AC	New Construction - AC	0.00	2.00	☑	
8/2/1978	BA-AG	Base Course - Aggregate	0.00	4.00	☐	
8/1/1978	SB-AG	Subbase - Aggregate	0.00	6.00	☐	

Network: Aurora State **Branch:** TA3AU Taxiway A3 Auror **Section:** 01 **Surface:**AAC
L.C.D. 5/2/2005 **Use:** TAXIWAY **Rank:** P **Length:** 50.00 (Ft) **Width:** 40.00 (Ft) **True Area:** 3403 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
5/2/2005	OL-AT	Overlay - AC Thin	0.00	2.00	☑	
5/1/2005	BA-AG	Base Course - Aggregate	0.00	6.00	☐	
8/1/1978	SB-AG	Subbase - Aggregate	0.00	3.00	☐	

Network: Aurora State **Branch:** TA3AU Taxiway A3 Auror **Section:** 02 **Surface:**AC
L.C.D. 9/3/2007 **Use:** TAXIWAY **Rank:** P **Length:** 182.50 (Ft) **Width:** 40.00 (Ft) **True Area:** 8813 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/3/2007	NC-AC	New Construction - AC	0.00	4.00	☑	P-401
9/2/2007	BA-CA	Base Course - Crushed Aggregate	0.00	6.00	☐	P-209
9/1/2007	SB-AG	Subbase - Aggregate	0.00	13.00	☐	P-154

Network: Aurora State **Branch:** TA3AU Taxiway A3 Auror **Section:** 03 **Surface:**AC
L.C.D. 9/3/2007 **Use:** TAXIWAY **Rank:** P **Length:** 51.00 (Ft) **Width:** 40.00 (Ft) **True Area:** 3190 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/3/2007	NC-AC	New Construction - AC	0.00	4.00	☑	P-401
9/2/2007	BA-CA	Base Course - Crushed Aggregate	0.00	6.00	☐	P-209
9/1/2007	SB-AG	Subbase - Aggregate	0.00	13.00	☐	P-154

Network: Aurora State **Branch:** TA4AU Taxiway A4 Auror **Section:** 01 **Surface:**AAC
L.C.D. 5/2/2005 **Use:** TAXIWAY **Rank:** P **Length:** 50.00 (Ft) **Width:** 40.00 (Ft) **True Area:** 3324 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
8/1/2009	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
5/2/2005	OL-AT	Overlay - AC Thin	0.00	2.00	☑	
8/1/2002	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/2/1999	SS-FS	Surface Seal - Fog Seal	0.00	0.10	☐	
8/1/1999	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/3/1978	NC-AC	New Construction - AC	0.00	2.00	☑	
8/2/1978	BA-AG	Base Course - Aggregate	0.00	7.00	☐	
8/1/1978	SB-AG	Subbase - Aggregate	0.00	3.00	☐	

Network: Aurora State **Branch:** TA4AU Taxiway A4 Auror **Section:** 02 **Surface:**AC
L.C.D. 9/3/2007 **Use:** TAXIWAY **Rank:** P **Length:** 182.50 (Ft) **Width:** 40.00 (Ft) **True Area:** 9028 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/3/2007	NC-AC	New Construction - AC	0.00	4.00	☑	P-401
9/2/2007	BA-CA	Base Course - Crushed Aggregate	0.00	6.00	☐	P-209
9/1/2007	SB-AG	Subbase - Aggregate	0.00	13.00	☐	P-154

Network: Aurora State **Branch:** TA5AU Taxiway A5 Auror **Section:** 01 **Surface:** AC
L.C.D. 5/2/2005 **Use:** TAXIWAY **Rank:** P **Length:** 50.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 2520 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2016	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
5/2/2005	OL-ACTH	Overlay - Thin	0.00	2.00	☑	
8/1/1999	SS-FS	Surface Seal - Fog Seal	0.00	0.10	☐	
8/4/1993	NC-AC	New Construction - AC	0.00	4.00	☑	
8/3/1993	BA-AG	Base Course - Aggregate	0.00	6.00	☐	
8/2/1993	SB-AG	Subbase - Aggregate	0.00	7.00	☐	
8/1/1993	SB-AG	Subbase - Aggregate	0.00	36.00	☐	

Network: Aurora State **Branch:** TA5AU Taxiway A5 Auror **Section:** 02 **Surface:** AC
L.C.D. 8/1/2008 **Use:** TAXIWAY **Rank:** P **Length:** 145.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 5223 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
8/1/2008	OL-ACTH	Overlay - Thin	0.00	2.50	☑	
8/1/1999	SS-FS	Surface Seal - Fog Seal	0.00	0.10	☐	
8/4/1993	NC-AC	New Construction - AC	0.00	4.00	☑	
8/3/1993	BA-AG	Base Course - Aggregate	0.00	6.00	☐	
8/2/1993	SB-AG	Subbase - Aggregate	0.00	7.00	☐	
8/1/1993	SB-AG	Subbase - Aggregate	0.00	36.00	☐	

Network: Aurora State **Branch:** TA5AU Taxiway A5 Auror **Section:** 03 **Surface:** AAC
L.C.D. 8/1/2008 **Use:** TAXIWAY **Rank:** P **Length:** 55.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 1937 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
8/1/2008	NC-IN	New Construction - Initial	0.00	0.00	☑	

Network: Aurora State **Branch:** TAAAU Taxiway AA Auror **Section:** 01 **Surface:** AC
L.C.D. 9/3/2016 **Use:** TAXIWAY **Rank:** P **Length:** 290.00 (Ft) **Width:** 25.00 (Ft) **True Area:** 7284 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/3/2016	CR-AC	Complete Reconstruction - AC	0.00	4.00	☑	P403
9/2/2016	BA-AG	Base Course - Aggregate	0.00	5.00	☐	P209
9/1/2016	SB-AG	Subbase - Aggregate	0.00	5.00	☐	P154

Network: Aurora State **Branch:** TAAU Taxiway A Aurora **Section:** 01 **Surface:** AC
L.C.D. 9/3/2008 **Use:** TAXIWAY **Rank:** P **Length:** 1,626.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 56785 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/3/2008	NC-AC	New Construction - AC	0.00	4.00	☑	P-401
9/2/2008	BA-CA	Base Course - Crushed Aggregate	0.00	6.00	☐	P-209
9/1/2008	SB-AG	Subbase - Aggregate	0.00	13.00	☐	P-154

Network: Aurora State **Branch:** TAAU Taxiway A Aurora **Section:** 02 **Surface:** AC
L.C.D. 9/3/2007 **Use:** TAXIWAY **Rank:** P **Length:** 2,540.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 88885 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/3/2007	NC-AC	New Construction - AC	0.00	4.00	☑	P-401
9/2/2007	BA-CA	Base Course - Crushed Aggregate	0.00	6.00	☐	P-209
9/1/2007	SB-AG	Subbase - Aggregate	0.00	13.00	☐	P-154

Network: Aurora State **Branch:** TAAU Taxiway A Aurora **Section:** 03 **Surface:** AC
L.C.D. 8/1/2008 **Use:** TAXIWAY **Rank:** P **Length:** 834.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 29204 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
8/1/2008	OL-ACTH	Overlay - Thin	0.00	2.50	☑	
8/1/1999	SS-FS	Surface Seal - Fog Seal	0.00	0.10	☐	
8/4/1993	NC-AC	New Construction - AC	0.00	4.00	☑	
8/3/1993	BA-AG	Base Course - Aggregate	0.00	6.00	☐	
8/2/1993	SB-AG	Subbase - Aggregate	0.00	7.00	☐	
8/1/1993	SB-AG	Subbase - Aggregate	0.00	36.00	☐	

Network: Aurora State **Branch:** TL1AU Taxilane 01 Aurora **Section:** 01 **Surface:** AC
L.C.D. 9/3/2016 **Use:** TAXIWAY **Rank:** S **Length:** 386.00 (Ft) **Width:** 25.00 (Ft) **True Area:** 9921 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/3/2016	CR-AC	Complete Reconstruction - AC	0.00	4.00	☑	P403
9/2/2016	BA-AG	Base Course - Aggregate	0.00	5.00	☐	P209
9/1/2016	SB-AG	Subbase - Aggregate	0.00	5.00	☐	P154
8/31/2016	SU-SB	Subbase - Sand Borrow	0.00	12.00	☐	
8/30/2016	FB-TX	Geotextile	0.00	0.00	☐	
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
8/1/2001	NC-AC	New Construction - AC	0.00	0.00	☑	UNKNOWN, could be reconstruction
8/2/1980	NC-AC	New Construction - AC	0.00	0.00	☑	Date & Depth Unknown
8/1/1980	BA-AG	Base Course - Aggregate	0.00	0.00	☐	Date & Depth Unknown

Network: Aurora State **Branch:** TL2AU Taxilane 02 Aurora **Section:** 01 **Surface:** AC
L.C.D. 9/3/2016 **Use:** TAXIWAY **Rank:** S **Length:** 400.00 (Ft) **Width:** 25.00 (Ft) **True Area:** 10673 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/3/2016	CR-AC	Complete Reconstruction - AC	0.00	4.00	☑	P403
9/2/2016	BA-AG	Base Course - Aggregate	0.00	5.00	☐	P209
9/1/2016	SB-AG	Subbase - Aggregate	0.00	5.00	☐	P154
8/31/2016	SU-SB	Subbase - Sand Borrow	0.00	12.00	☐	
8/30/2016	FB-TX	Geotextile	0.00	0.00	☐	
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
8/1/2001	NC-AC	New Construction - AC	0.00	0.00	☑	UNKNOWN, could be reconstruction
8/2/1980	NC-AC	New Construction - AC	0.00	0.00	☑	Date & Depth Unknown
8/1/1980	BA-AG	Base Course - Aggregate	0.00	0.00	☐	Date & Depth Unknown

Network: Aurora State **Branch:** TL3AU Taxilane 03 Aurora **Section:** 01 **Surface:**AC
L.C.D. 9/3/2016 **Use:** TAXIWAY **Rank:** S **Length:** 546.00 (Ft) **Width:** 25.00 (Ft) **True Area:** 15963 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/3/2016	CR-AC	Complete Reconstruction - AC	0.00	4.00	☑	P403
9/2/2016	BA-AG	Base Course - Aggregate	0.00	5.00	☐	P209
9/1/2016	SB-AG	Subbase - Aggregate	0.00	5.00	☐	P154
8/31/2016	SU-SB	Subbase - Sand Borrow	0.00	12.00	☐	
8/30/2016	FB-TX	Geotextile	0.00	0.00	☐	
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
8/1/2001	NC-AC	New Construction - AC	0.00	0.00	☑	UNKNOWN, could be reconstruction
8/2/1980	NC-AC	New Construction - AC	0.00	0.00	☑	Date & Depth Unknown
8/1/1980	BA-AG	Base Course - Aggregate	0.00	0.00	☐	Date & Depth Unknown

Network: Aurora State **Branch:** TNWYLEEA North Wylee Taxi **Section:** 01 **Surface:**AC
L.C.D. 9/3/2008 **Use:** TAXIWAY **Rank:** S **Length:** 66.00 (Ft) **Width:** 26.00 (Ft) **True Area:** 3465 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/3/2008	NC-AC	New Construction - AC	0.00	4.00	☑	P-401
9/2/2008	BA-CA	Base Course - Crushed Aggregate	0.00	6.00	☐	P-209
9/1/2008	SB-AG	Subbase - Aggregate	0.00	13.00	☐	P-154

Network: Aurora State **Branch:** TSWYLEEA South Wylee Taxi **Section:** 01 **Surface:**AC
L.C.D. 9/3/2008 **Use:** TAXIWAY **Rank:** S **Length:** 66.00 (Ft) **Width:** 25.00 (Ft) **True Area:** 3237 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/3/2008	NC-AC	New Construction - AC	0.00	4.00	☑	P-401
9/2/2008	BA-CA	Base Course - Crushed Aggregate	0.00	6.00	☐	P-209
9/1/2008	SB-AG	Subbase - Aggregate	0.00	13.00	☐	P-154

Network: Aurora State **Branch:** TWILLAVAU Willamette Aviatio **Section:** 01 **Surface:**AC
L.C.D. 9/3/2008 **Use:** TAXIWAY **Rank:** P **Length:** 70.00 (Ft) **Width:** 42.00 (Ft) **True Area:** 3777 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/3/2008	NC-AC	New Construction - AC	0.00	4.00	☑	P-401
9/2/2008	BA-CA	Base Course - Crushed Aggregate	0.00	6.00	☐	P-209
9/1/2008	SB-AG	Subbase - Aggregate	0.00	13.00	☐	P-154
8/1/2002	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/2/1999	SS-FS	Surface Seal - Fog Seal	0.00	0.10	☐	
8/1/1999	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/3/1978	NC-AC	New Construction - AC	0.00	1.50	☑	
8/2/1978	BA-AG	Base Course - Aggregate	0.00	6.00	☐	
8/1/1978	SB-AG	Subbase - Aggregate	0.00	3.00	☐	

Summary:

Work Description	Section Count	Area Total (SqFt)	Thickness Avg (in)	Thickness STD (in)
Base Course - Aggregate	29	881,354.00	4.45	2.93
Base Course - Crushed Aggregate	11	197,643.00	6.00	0.00
Complete Reconstruction - AC	8	119,417.00	4.00	0.00
Crack Sealing - AC	26	1,158,896.00	0.05	0.05
Geotextile	3	36,557.00	0.00	0.00
New Construction - AC	41	1,175,361.00	2.05	1.80
New Construction - Initial	13	141,430.00	0.00	0.00
Oregon Slurry Seal	2	500,000.00	0.00	0.00
Overlay - AC Thin	6	106,290.00	1.33	0.94
Overlay - Thin	7	880,208.00	2.50	0.27
Subbase - Aggregate	37	1,053,019.01	12.38	10.00
Subbase - Sand Borrow	3	36,557.00	12.00	0.00
Surface Seal - Fog Seal	12	93,382.00	0.10	0.00
Surface Treatment - Slurry Seal	1	90,000.00	0.50	0.00