2023 ODAV Pavement Evaluation Program Newport Municipal Airport

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

2 PAVEMENT INVENTORY

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

Figure 2.1: NEWPORT MUNICIPAL AIRPORT LOCATION MAP

The airside pavements at Newport Municipal Airport are comprised of asphalt concrete (AC), and AC overlaid with AC (AAC). The airport pavements, delineated by surface type and branch use, are shown on the Newport Municipal Airport Percent of Pavement Area by Surface Type, Figure 2.2, and on the Newport Municipal Airport Pavement Area by Branch Use, Figure 2.3, shown below. The pavement inventory, including work history for each pavement section, is displayed spatially on the Newport Municipal 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.

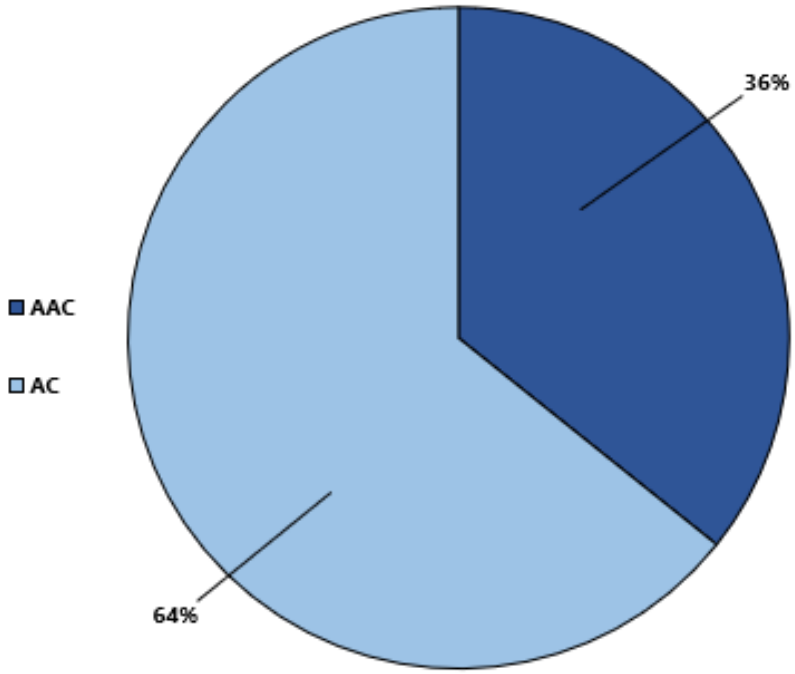


Figure 2.2: NEWPORT MUNICIPAL AIRPORTPERCENT OF PAVEMENT AREA BY SURFACE TYPE

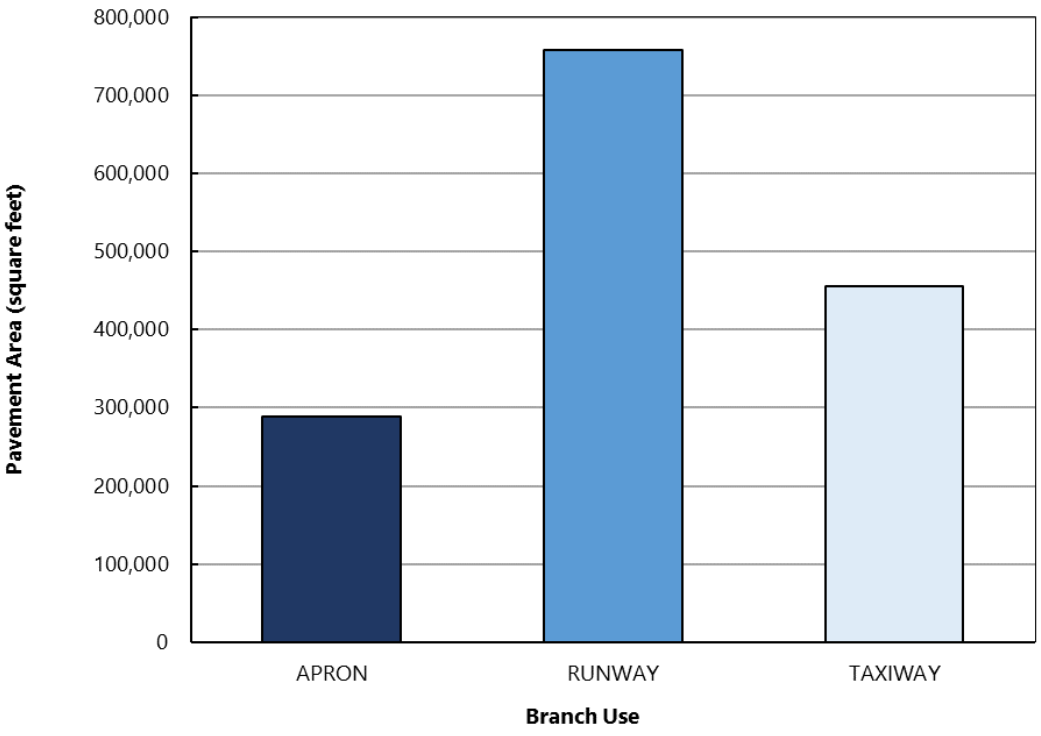
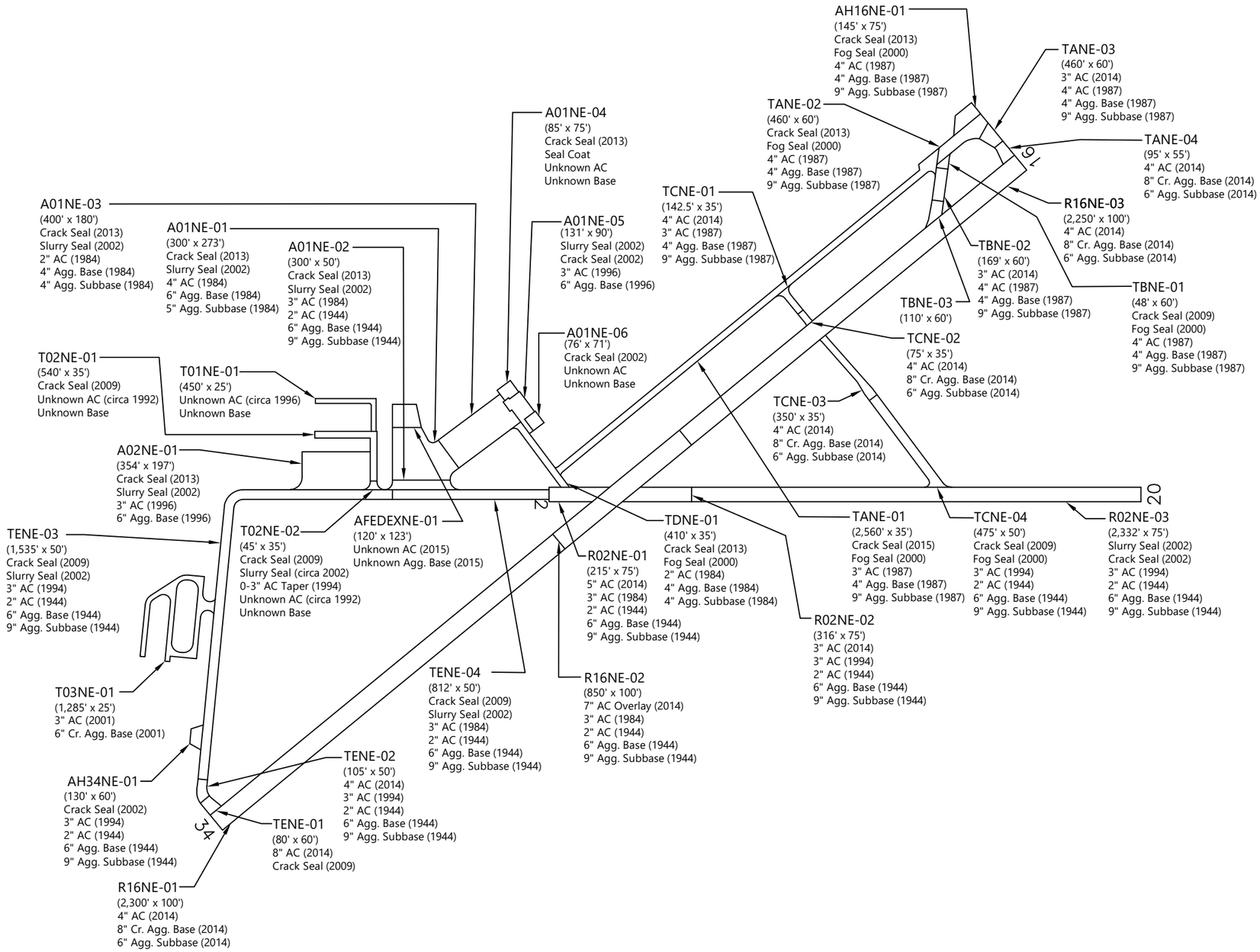


Figure 2.3: NEWPORT MUNICIPAL AIRPORTPAVEMENT AREA BY BRANCH USE



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

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

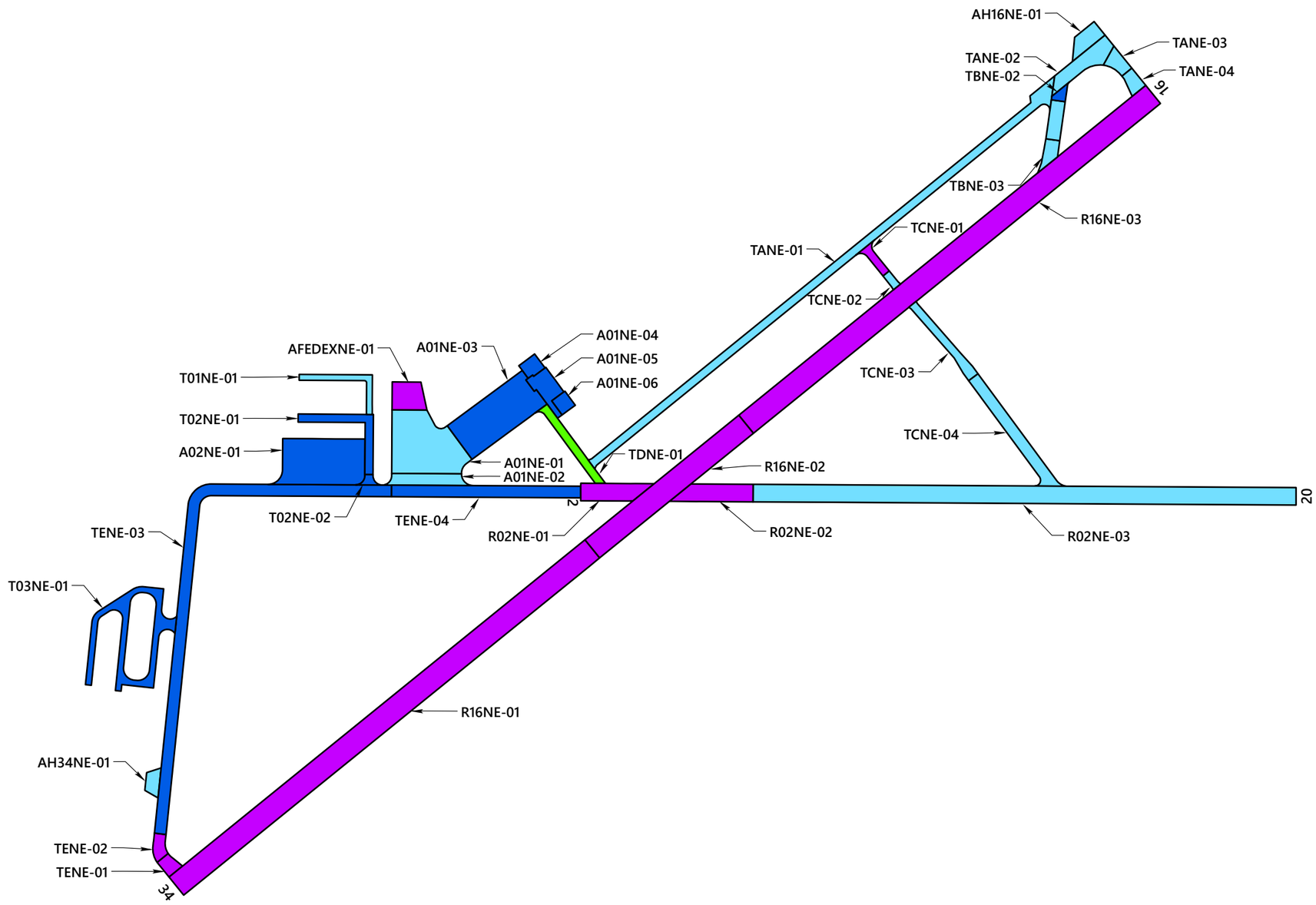
The PCI is based on the type, severity, and quantity of each distress found in an inspected sample unit. Further discussion of distress types for flexible pavement is provided in Appendix B and summarized in Table 1B in Appendix B. The results of the PCI survey are displayed using a seven-category rating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

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 Newport Municipal Airport is approximately 82. The section PCIs ranged from a low of 52 to a high of 94. The primary distresses observed during the inspection were weathering, longitudinal and transverse cracking, fatigue (alligator) cracking, block cracking, depression, and patching on AC-surfaced pavements. Section PCIs following our pavement survey are displayed below spatially on the Newport Municipal 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

0 500 1,000 Feet

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NEWPORT MUNICIPAL 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 Newport Municipal Airport Pavement Condition Rating by Percent of Area, Figure 3.2. A summary of the pavement condition results by branch and section is included in Tables 2B and 3B of Appendix B, respectively. A comparison between the previous inspection and the 2023 inspection is provided in Table 4B in Appendix B. The re-inspection report that includes inspection details for individual sample units is provided in Table 1E in Appendix E.

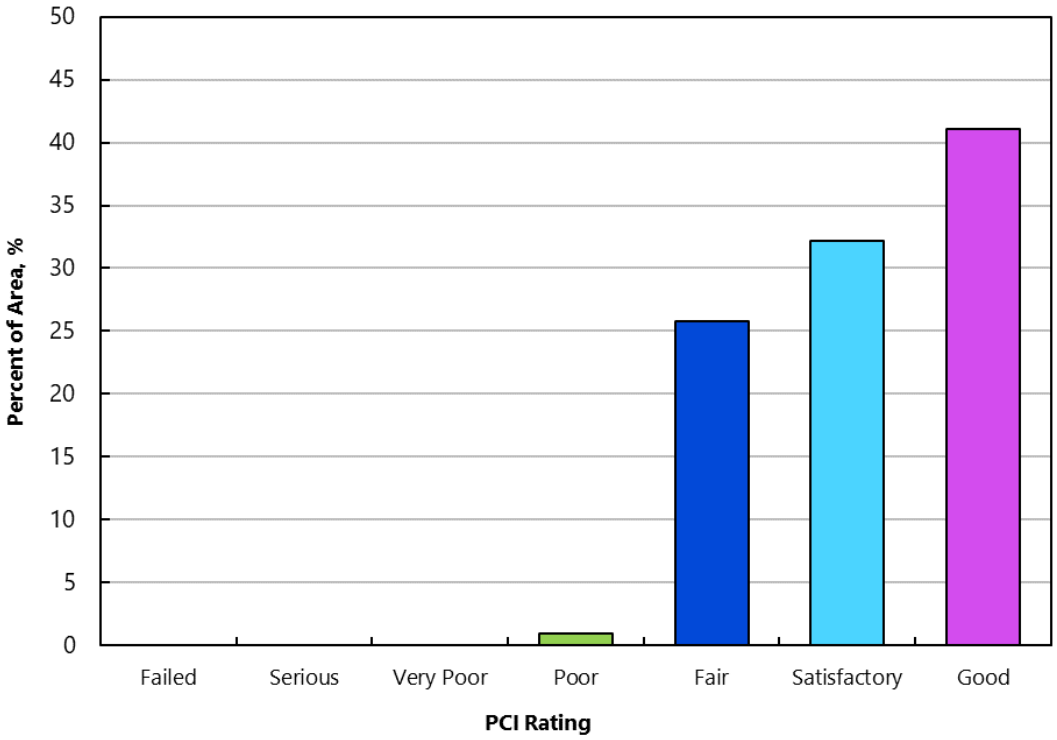


Figure 3.2: NEWPORT MUNICIPAL AIRPORTPAVEMENT CONDITION RATING BY PERCENT OF AREA

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 Newport Municipal Airport are displayed on Figures 1C through 3C in Appendix C.

4.2 Future Condition Analysis

Using the condition prediction models discussed above, the projected condition of each pavement section was determined for 5- and 10-year periods. Based on this analysis, we project the PCI to decrease from a current value of 82 to a value of 76 in 2028 and 71 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 Newport Municipal Airport is displayed spatially on the Newport Municipal 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.

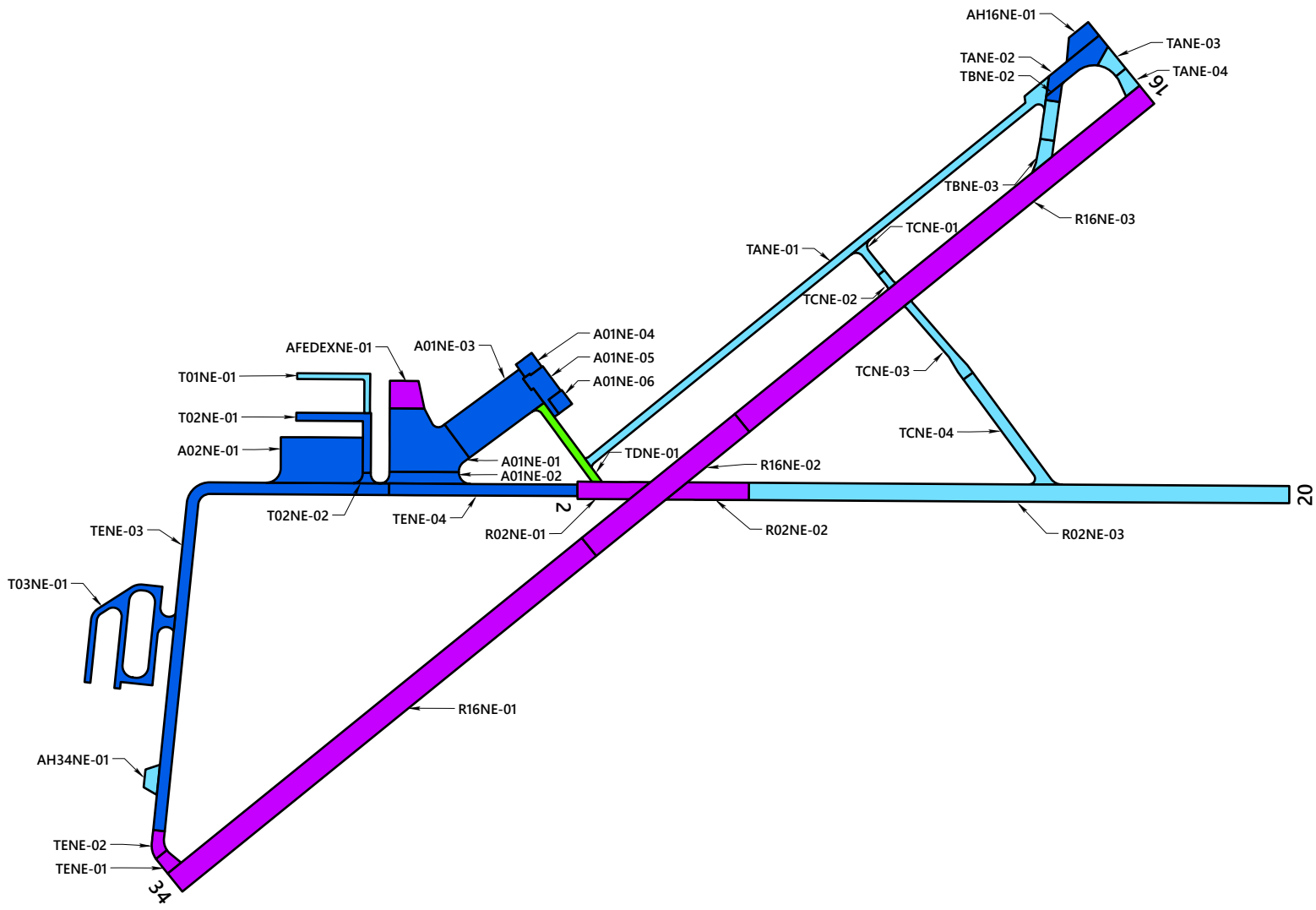
4.3 Functional Remaining Life

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.

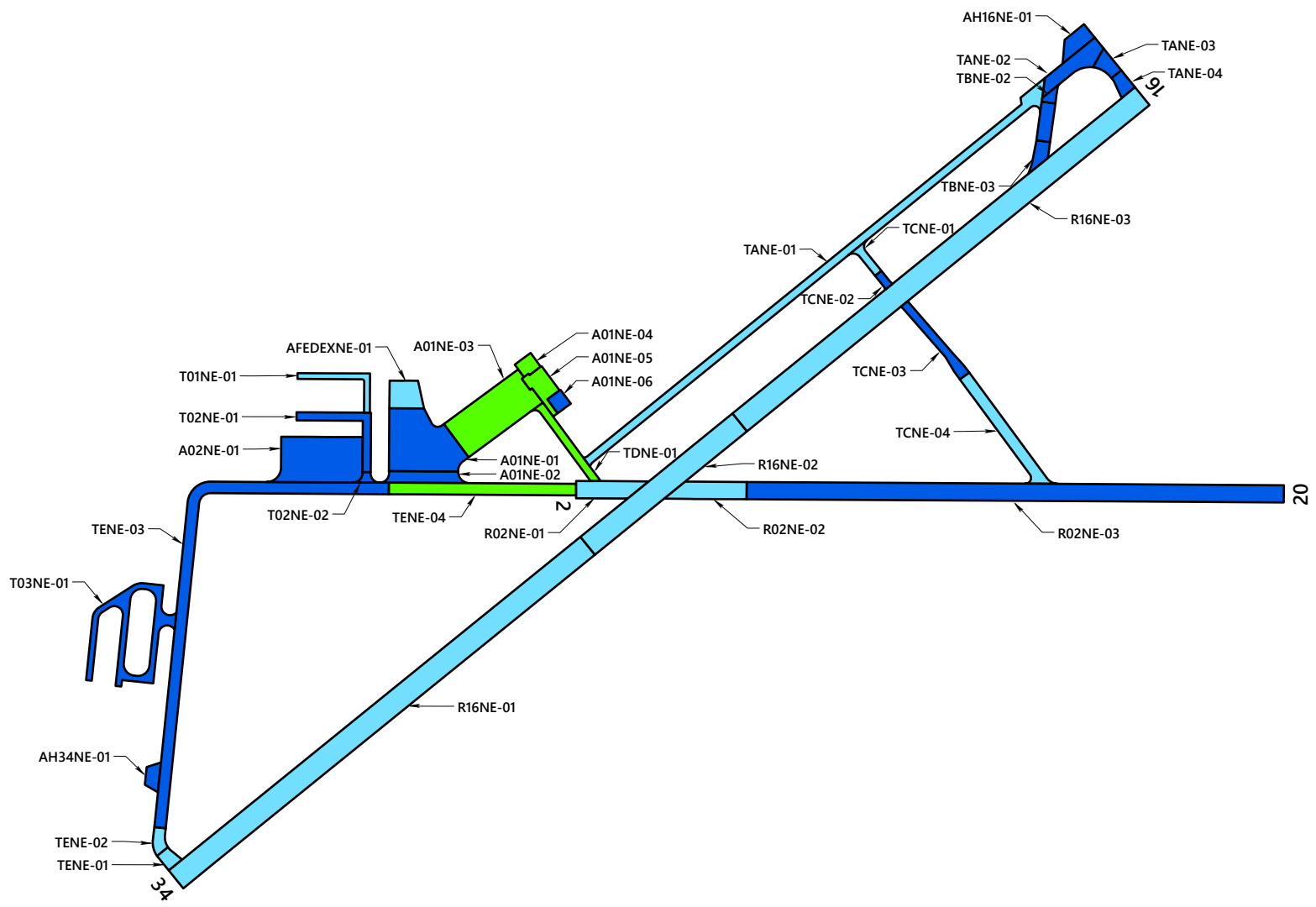
We calculated two forms of functional remaining life based on the current visual condition surveys of the pavement at Newport Municipal Airport. The first type of functional remaining life is the time until rehabilitation, such as an overlay, is needed. The critical PCI, further discussed in Section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

The two types of functional remaining life for each section at Newport Municipal 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
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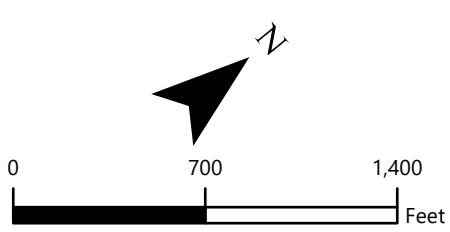
- (11 - 25) SERIOUS
- (0 - 10) FAILED



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NEWPORT MUNICIPAL 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

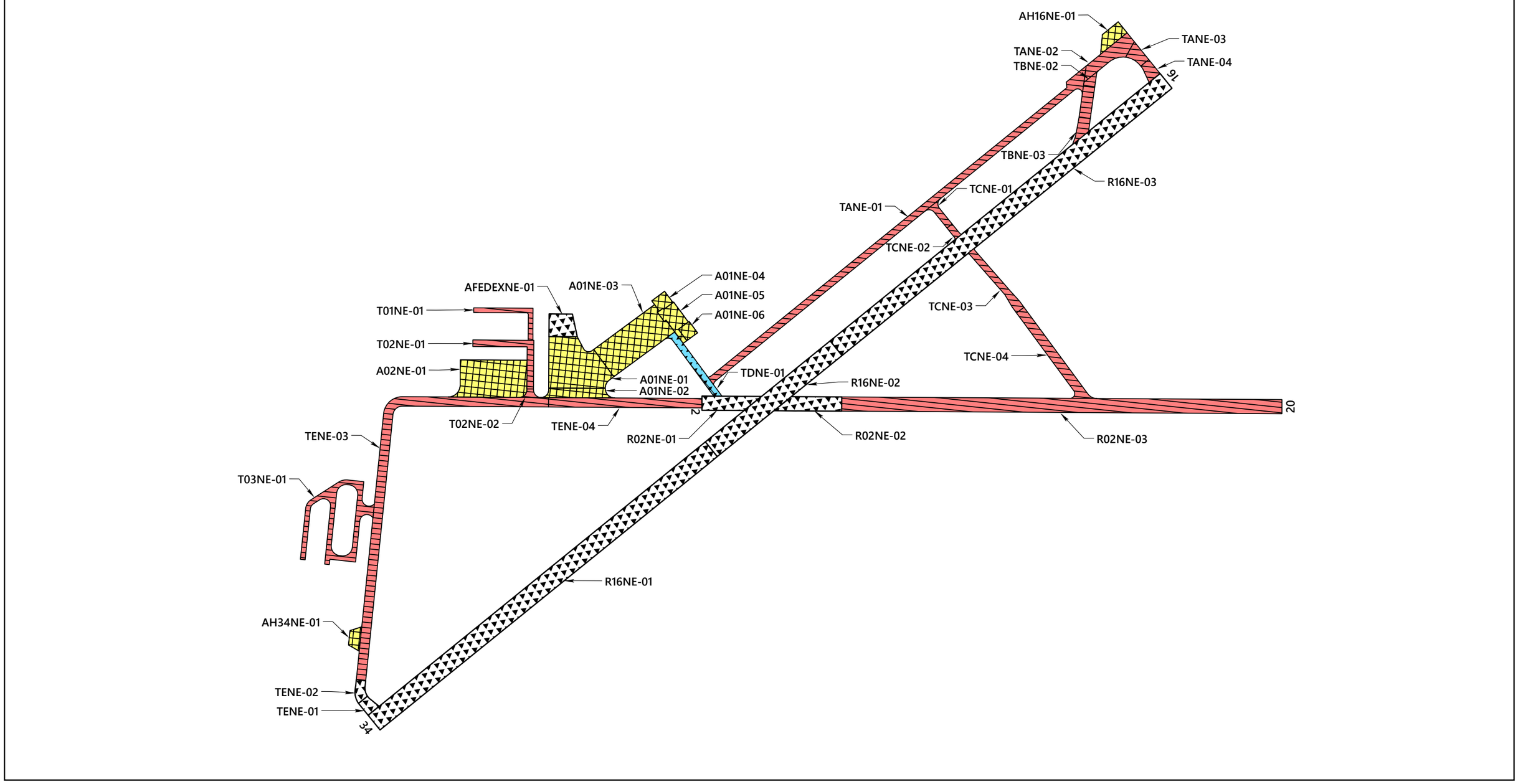
Localized Maintenance Operation	Quantity
Asphalt Concrete Crack Sealing	66,665 linear feet
Asphalt Concrete Full-Depth Patching	939 square feet

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 Newport Municipal Airport 5-Year Pavement Management Plan, Figure 5.1. The complete list of recommended surface treatment, rehabilitation, and reconstruction projects is presented in Table 4D in Appendix D.

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

Treatment Type	Quantity, square feet
Reconstruction	0
Overlay	14,543
Fog Seal	272,543
Slurry Seal	604,766



ACTION TIMING

- 2024
- 2025
- 2026
- 2027
- 2028

ACTION

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

N

0 500 1,000 Feet

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NEWPORT MUNICIPAL AIRPORT

5-YEAR PAVEMENT MANAGEMENT PLAN

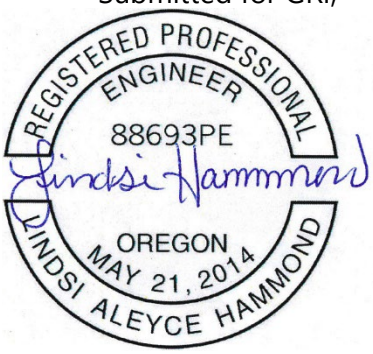
DEC. 2023 JOB NO. 6593-F FIG. 5.1

6 LIMITATIONS

This report has been prepared to assist the ODAV with pavement-related project planning for the Newport Municipal Airport. The scope is limited to the specific pavement areas described within this report. The conclusions and recommendations provided in this report are based on information provided by 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 Newport Municipal 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

Newport Municipal Airport is located in Newport, Oregon, and is owned and operated by the City of Newport. The pavement network/facilities at Newport Municipal Airport serve a variety of general aviation aircraft and military aircraft. Newport Municipal Airport consists of two runways and multiple primary taxiways, connector taxiways, taxilanes, and aprons. The types of airside pavements include asphalt concrete (AC) and AC overlaid with AC (AAC).

The current airport pavement management system (APMS) network at Newport Municipal Airport has an approximate area of 1,503,120 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 Newport Municipal Airport contains 15 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 Newport Municipal Airport contains 36 sections that are managed by the City of Newport, 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. 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 Newport Municipal Airport PCI survey, Table 3A was used as a guideline in developing sampling rates for flexible pavement that reflect similar rates used for other large airport pavement networks. In general, this sampling rate distribution provides a 92% confidence level with a standard error of eight PCI points.

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

Table 1A: NEWPORT MUNICIPAL AIRPORT PAVEMENT BRANCHES

Facility Designation (Branch ID)	Branch Name	Number of Sections	Approximate Area, square feet
A01NE	Apron 01 Newport	6	185,316
A02NE	Apron 02 Newport	1	70,233
AFEDEXNE	FedEx Apron Newport	1	16,407
AH16NE	Hold Apron 16 Newport	1	10,784
AH34NE	Hold Apron 34 Newport	1	6,210
R02NE	Runway 02/20 Newport	3	218,570
R16NE	Runway 16/34 Newport	3	540,000
T01NE	Taxiway 01 Newport	1	11,521
T02NE	Taxiway 02 Newport	2	21,372
T03NE	Taxiway 03 Newport	1	45,101
TANE	Taxiway A Newport	4	127,693
TBNE	Taxiway B Newport	3	19,717
TCNE	Taxiway C Newport	4	53,409
TDNE	Taxiway D Newport	1	14,543
TENE	Taxiway E Newport	4	162,244

Table 2A: NEWPORT MUNICIPAL AIRPORT CURRENT PAVEMENT INVENTORY

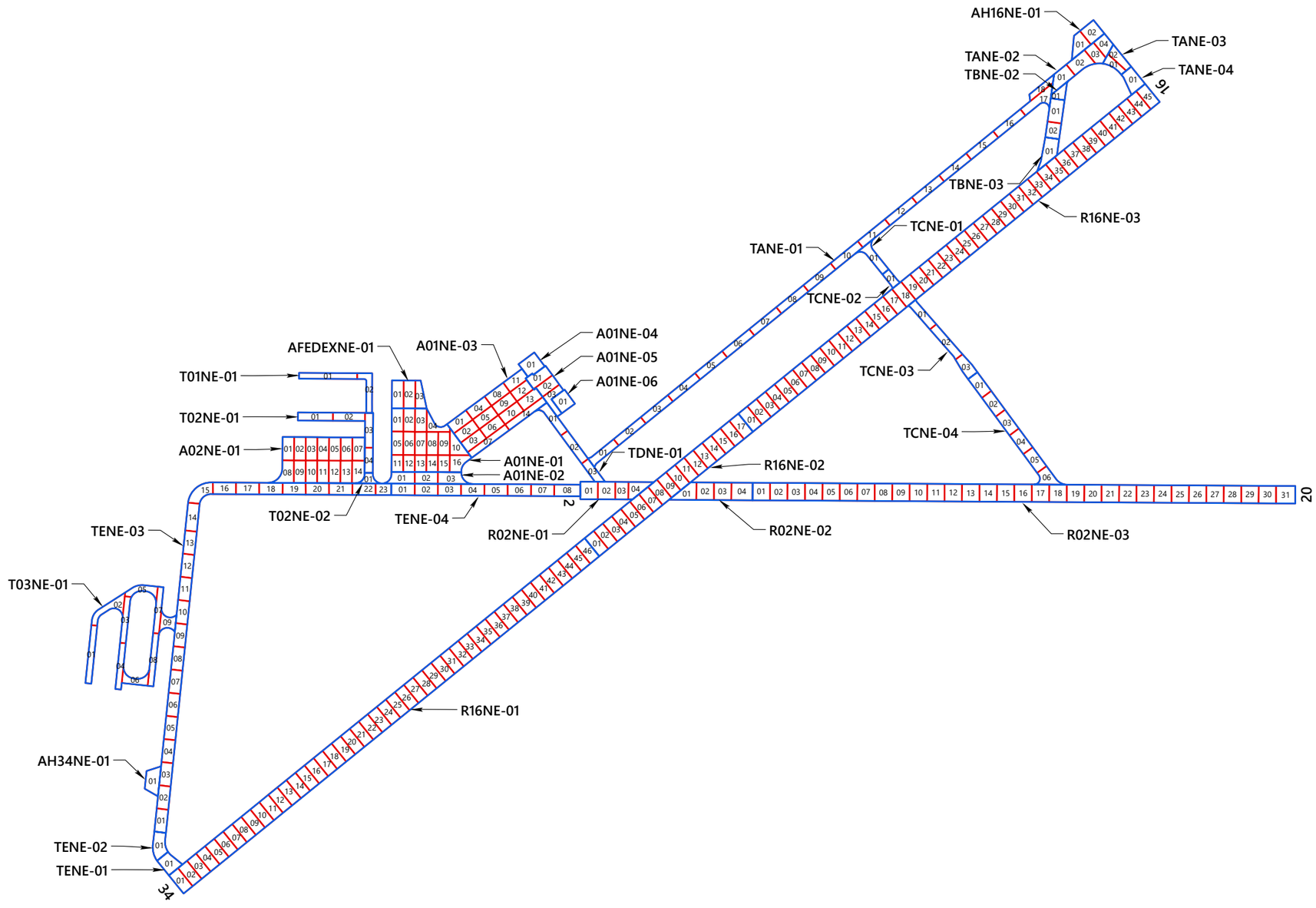
BranchID	Branch Name	Branch Use	SectionID	From	To	Rank	Length, feet	Width, feet	Approximate Area, square feet	LCD	Surface Type
A01NE	Apron 01 Newport	APRON	01	Section 02	Section 03	P	300	273	72,253	8/3/1984	AC
A01NE	Apron 01 Newport	APRON	02	Section 01	Taxiway E	P	300	50	15,880	8/1/1984	AAC
A01NE	Apron 01 Newport	APRON	03	Section 01	Airport Office / Terminal	P	400	180	71,310	8/3/1984	AC
A01NE	Apron 01 Newport	APRON	04	Section 03	FBO Hangar	S	85	75	6,161	8/1/1982	AC
A01NE	Apron 01 Newport	APRON	05	Section 03	Section 06	S	131	90	14,424	8/2/1996	AC
A01NE	Apron 01 Newport	APRON	06	Section 03	End	S	76	71	5,288	8/1/1989	AC
A02NE	Apron 02 Newport	APRON	01	Taxiway E	Taxiway 02	S	354	197	70,233	8/2/1996	AC
AFEDEXNE	FedEx Apron Newport	APRON	01	A01NE-01	West	P	120	123	16,407	6/1/2015	AC
AH16NE	Hold Apron 16 Newport	APRON	01	Taxiway A North End	0	P	145	75	10,784	8/3/1987	AC
AH34NE	Hold Apron 34 Newport	APRON	01	Taxiway E South End	0	P	130	60	6,210	8/1/1994	AAC
R02NE	Runway 02/20 Newport	RUNWAY	01	Runway 2 End (South), TE	Runway 16/34 Midfield	S	256	75	20,214	10/1/2014	AAC
R02NE	Runway 02/20 Newport	RUNWAY	02	R02NE-01	R16/34	S	316	75	23,456	10/1/2014	AAC
R02NE	Runway 02/20 Newport	RUNWAY	03	R02NE-02	Runway 20 End (North)	S	2,332	75	174,900	8/1/1994	AAC
R16NE	Runway 16/34 Newport	RUNWAY	01	R16 End	R16NE-02	P	2,300	100	230,000	10/3/2014	AC
R16NE	Runway 16/34 Newport	RUNWAY	02	R16NE-01	R16NE-03	P	850	100	85,000	10/1/2014	AAC
R16NE	Runway 16/34 Newport	RUNWAY	03	R16NE-02	R34 End	P	2,250	100	225,000	10/3/2014	AC
T01NE	Taxiway 01 Newport	TAXIWAY	01	Taxiway 02	Hangars	S	450	25	11,521	8/1/1996	AC
T02NE	Taxiway 02 Newport	TAXIWAY	01	Section 01	Hangars	S	540	35	19,110	8/1/1992	AC
T02NE	Taxiway 02 Newport	TAXIWAY	02	Taxiway E	Section 01	S	45	35	2,262	8/1/1994	AAC
T03NE	Taxiway 03 Newport	TAXIWAY	01	Taxiway E	0	S	1,285	25	45,101	10/2/2001	AC
TANE	Taxiway A Newport	TAXIWAY	01	Taxiway D	Taxiway B, TANE-02	P	2,560	35	93,459	8/3/1987	AC
TANE	Taxiway A Newport	TAXIWAY	02	Taxiway B	Runway 16 End (North)	P	342	60	21,111	8/3/1987	AC
TANE	Taxiway A Newport	TAXIWAY	03	TANE-02	TANE-04	P	105	55	7,098	10/1/2014	AAC
TANE	Taxiway A Newport	TAXIWAY	04	TANE-03	R16/34	P	95	55	6,025	10/3/2014	AC
TBNE	Taxiway B Newport	TAXIWAY	01	Taxiway A	Runway 16/34	P	48	60	2,892	8/3/1987	AC
TBNE	Taxiway B Newport	TAXIWAY	02	TBNE-01	TBNE-03	P	169	60	10,128	10/1/2014	AAC
TBNE	Taxiway B Newport	TAXIWAY	03	TBNE-02	R16/34	P	110	60	6,697	10/3/2014	AC
TCNE	Taxiway C Newport	TAXIWAY	01	Taxiway A	TCNE-02	P	143	35	5,526	10/1/2014	AAC
TCNE	Taxiway C Newport	TAXIWAY	02	TCNE-01	R16/34	P	75	35	2,654	10/3/2014	AC
TCNE	Taxiway C Newport	TAXIWAY	03	R16/34	TCNE-04	P	350	35	15,501	10/3/2014	AC
TCNE	Taxiway C Newport	TAXIWAY	04	TCNE-03	Runway 2/20	P	475	50	29,728	9/1/1994	AAC
TDNE	Taxiway D Newport	TAXIWAY	01	Apron 01	Runway 2 End (South)	P	410	35	14,543	8/3/1984	AC
TENE	Taxiway E Newport	TAXIWAY	01	R16/34	TENE-02	P	80	60	5,403	10/3/2014	AC
TENE	Taxiway E Newport	TAXIWAY	02	TENE-01	TENE-03	P	105	50	5,788	10/1/2014	AAC
TENE	Taxiway E Newport	TAXIWAY	03	TENE-02	TENE-04	P	2,200	50	110,428	8/1/1994	AAC
TENE	Taxiway E Newport	TAXIWAY	04	TENE-03	Runway 2 End (South)	P	812	50	40,625	8/1/1984	AAC

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

Table 3A: EXAMPLE SAMPLE RATES FOR AC PAVEMENTS

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

Note: AC = Asphalt Concrete



LEGEND

SECTIONS

SAMPLE UNIT

N

0 500 1,000 Feet

GRI

NEWPORT MUNICIPAL 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) distress types are presented in Table 1B. A summary of the pavement condition results by branch and section is included in Tables 2B and 3B of Appendix B, respectively.

Table 1B: PAVER DISTRESS CODES FOR FLEXIBLE PAVEMENT

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

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

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

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

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

B.2 DISTRESS TYPES

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

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

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

B.3 PAVEMENT CONDITION INDEX SURVEY RESULTS

The evaluated Newport Municipal Airport pavement network consists of 15 branches and 36 sections. A total of 99 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 Newport Municipal Airport is approximately 82, which corresponds to a PCI rating of Satisfactory.

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

Table 2B: NEWPORT MUNICIPAL AIRPORT CURRENT BRANCH CONDITION REPORT

Branch ID	Number of Sections	Approximate Area, square feet	Use	Area Weighted Average Branch PCI	PCI Category
A01NE	6	185,316	APRON	70	Fair
A02NE	1	70,233	APRON	69	Fair
AFEDEXNE	1	16,407	APRON	94	Good
AH16NE	1	10,784	APRON	75	Satisfactory
AH34NE	1	6,210	APRON	83	Satisfactory
R02NE	3	218,570	RUNWAY	80	Satisfactory
R16NE	3	540,000	RUNWAY	94	Good
T01NE	1	11,521	TAXIWAY	84	Satisfactory
T02NE	2	21,372	TAXIWAY	70	Fair
T03NE	1	45,101	TAXIWAY	70	Fair
TANE	4	127,693	TAXIWAY	82	Satisfactory
TBNE	3	19,717	TAXIWAY	78	Satisfactory
TCNE	4	53,409	TAXIWAY	82	Satisfactory
TDNE	1	14,543	TAXIWAY	52	Poor
TENE	4	162,244	TAXIWAY	69	Fair

Use Category	Number of Sections	Total Area, square feet	Area Weighted Average PCI
APRON	10	288,950	72
RUNWAY	6	758,570	90
TAXIWAY	20	455,600	74
ALL	**36**	**1,503,120**	**82**

Abbreviation: PCI = Pavement Condition Index

Table 3B: NEWPORT MUNICIPAL 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
A01NE	01	8/3/1984	AC	APRON	7/1/2023	39	76	Satisfactory	100	0	0
A01NE	02	8/1/1984	AAC	APRON	7/1/2023	39	74	Satisfactory	100	0	0
A01NE	03	8/3/1984	AC	APRON	7/1/2023	39	65	Fair	50	50	0
A01NE	04	8/1/1982	AC	APRON	7/1/2023	41	68	Fair	72	0	28
A01NE	05	8/2/1996	AC	APRON	7/1/2023	27	64	Fair	79	0	21
A01NE	06	8/1/1989	AC	APRON	7/1/2023	34	70	Fair	100	0	0
A02NE	01	8/2/1996	AC	APRON	7/1/2023	27	69	Fair	100	0	0
AFEDEXNE	01	6/1/2015	AC	APRON	7/1/2023	8	94	Good	100	0	0
AH16NE	01	8/3/1987	AC	APRON	7/1/2023	36	75	Satisfactory	100	0	0
AH34NE	01	8/1/1994	AAC	APRON	7/1/2023	29	83	Satisfactory	100	0	0
R02NE	01	10/1/2014	AAC	RUNWAY	7/1/2023	9	94	Good	100	0	0
R02NE	02	10/1/2014	AAC	RUNWAY	7/1/2023	9	94	Good	100	0	0
R02NE	03	8/1/1994	AAC	RUNWAY	7/1/2023	29	77	Satisfactory	100	0	0
R16NE	01	10/3/2014	AC	RUNWAY	7/1/2023	9	94	Good	100	0	0
R16NE	02	10/1/2014	AAC	RUNWAY	7/1/2023	9	94	Good	100	0	0
R16NE	03	10/3/2014	AC	RUNWAY	7/1/2023	9	94	Good	100	0	0
T01NE	01	8/1/1996	AC	TAXIWAY	7/1/2023	27	84	Satisfactory	64	0	36
T02NE	01	8/1/1992	AC	TAXIWAY	7/1/2023	31	70	Fair	100	0	0
T02NE	02	8/1/1994	AAC	TAXIWAY	7/1/2023	29	68	Fair	100	0	0
T03NE	01	10/2/2001	AC	TAXIWAY	7/1/2023	22	70	Fair	96	0	4
TANE	01	8/3/1987	AC	TAXIWAY	7/1/2023	36	84	Satisfactory	100	0	0
TANE	02	8/3/1987	AC	TAXIWAY	7/1/2023	36	74	Satisfactory	100	0	0
TANE	03	10/1/2014	AAC	TAXIWAY	7/1/2023	9	80	Satisfactory	100	0	0
TANE	04	10/3/2014	AC	TAXIWAY	7/1/2023	9	77	Satisfactory	100	0	0
TBNE	01	8/3/1987	AC	TAXIWAY	7/1/2023	36	68	Fair	100	0	0
TBNE	02	10/1/2014	AAC	TAXIWAY	7/1/2023	9	80	Satisfactory	100	0	0
TBNE	03	10/3/2014	AC	TAXIWAY	7/1/2023	9	80	Satisfactory	100	0	0
TCNE	01	10/1/2014	AAC	TAXIWAY	7/1/2023	9	89	Good	100	0	0
TCNE	02	10/3/2014	AC	TAXIWAY	7/1/2023	9	80	Satisfactory	100	0	0
TCNE	03	10/3/2014	AC	TAXIWAY	7/1/2023	9	79	Satisfactory	100	0	0
TCNE	04	9/1/1994	AAC	TAXIWAY	7/1/2023	29	82	Satisfactory	100	0	0
TDNE	01	8/3/1984	AC	TAXIWAY	7/1/2023	39	52	Poor	55	42	3
TENE	01	10/3/2014	AC	TAXIWAY	7/1/2023	9	94	Good	100	0	0
TENE	02	10/1/2014	AAC	TAXIWAY	7/1/2023	9	94	Good	100	0	0
TENE	03	8/1/1994	AAC	TAXIWAY	7/1/2023	29	68	Fair	76	24	0
TENE	04	8/1/1984	AAC	TAXIWAY	7/1/2023	39	63	Fair	86	14	0

Abbreviations:

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

Table 4B: NEWPORT MUNICIPAL 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
A01NE	01	AC	72,253	8/3/1984	77	Satisfactory	5/10/2018	76	Satisfactory	34	-0.19	NORMAL
A01NE	02	AAC	15,880	8/1/1984	77	Satisfactory	5/10/2018	74	Satisfactory	34	-1	NORMAL
A01NE	03	AC	71,310	8/3/1984	73	Satisfactory	5/10/2018	65	Fair	34	-1.55	NORMAL
A01NE	04	AC	6,161	8/1/1982	75	Satisfactory	5/10/2018	68	Fair	36	-1	NORMAL
A01NE	05	AC	14,424	8/2/1996	69	Fair	5/10/2018	64	Fair	22	-0.97	NORMAL
A01NE	06	AC	5,288	8/1/1989	87	Good	5/10/2018	70	Fair	29	-3	NORMAL
A02NE	01	AC	70,233	8/2/1996	68	Fair	5/10/2018	69	Fair	22	0.19	NONE
AFEDEXNE	01	AC	16,407	6/1/2015	100	Good	5/10/2018	94	Good	3	-1	NORMAL
AH16NE	01	AC	10,784	8/3/1987	81	Satisfactory	5/10/2018	75	Satisfactory	31	-1.17	NORMAL
AH34NE	01	AAC	6,210	8/1/1994	97	Good	5/10/2018	83	Satisfactory	24	-3	NORMAL
R02NE	01	AAC	20,214	10/1/2014	100	Good	5/10/2018	94	Good	4	-1.17	NORMAL
R02NE	02	AAC	23,456	10/1/2014	100	Good	5/10/2018	94	Good	4	-1	NORMAL
R02NE	03	AAC	174,900	8/1/1994	86	Good	5/10/2018	77	Satisfactory	24	-1.75	NORMAL
R16NE	01	AC	230,000	10/3/2014	100	Good	5/10/2018	94	Good	4	-1	NORMAL
R16NE	02	AAC	85,000	10/1/2014	100	Good	5/10/2018	94	Good	4	-1.17	NORMAL
R16NE	03	AC	225,000	10/3/2014	100	Good	5/10/2018	94	Good	4	-1	NORMAL
T01NE	01	AC	11,521	8/1/1996	87	Good	5/10/2018	84	Satisfactory	22	-0.58	NORMAL
T02NE	01	AC	19,110	8/1/1992	78	Satisfactory	5/10/2018	70	Fair	26	-2	NORMAL
T02NE	02	AAC	2,262	8/1/1994	79	Satisfactory	5/10/2018	68	Fair	24	-2.14	NORMAL
T03NE	01	AC	45,101	10/2/2001	78	Satisfactory	5/10/2018	70	Fair	17	-2	NORMAL
TANE	01	AC	93,459	8/3/1987	86	Good	5/10/2018	84	Satisfactory	31	-0.39	NORMAL
TANE	02	AC	21,111	8/3/1987	80	Satisfactory	5/10/2018	74	Satisfactory	31	-1	NORMAL
TANE	03	AAC	7,098	10/1/2014	100	Good	5/10/2018	80	Satisfactory	4	-3.89	NORMAL
TANE	04	AC	6,025	10/3/2014	100	Good	5/10/2018	77	Satisfactory	4	-4	HIGH
TBNE	01	AC	2,892	8/3/1987	73	Satisfactory	5/10/2018	68	Fair	31	-0.97	NORMAL
TBNE	02	AAC	10,128	10/1/2014	88	Good	5/10/2018	80	Satisfactory	4	-2	NORMAL
TBNE	03	AC	6,697	10/3/2014	99	Good	5/10/2018	80	Satisfactory	4	-3.69	NORMAL
TCNE	01	AAC	5,526	10/1/2014	100	Good	5/10/2018	89	Good	4	-2	NORMAL
TCNE	02	AC	2,654	10/3/2014	96	Good	5/10/2018	80	Satisfactory	4	-3.11	NORMAL
TCNE	03	AC	15,501	10/3/2014	100	Good	5/10/2018	79	Satisfactory	4	-4	HIGH
TCNE	04	AAC	29,728	9/1/1994	82	Satisfactory	5/10/2018	82	Satisfactory	24	0.00	NONE
TDNE	01	AC	14,543	8/3/1984	66	Fair	5/10/2018	52	Poor	34	-3	NORMAL
TENE	01	AC	5,403	10/3/2014	100	Good	5/10/2018	94	Good	4	-1.17	NORMAL
TENE	02	AAC	5,788	10/1/2014	98	Good	5/10/2018	94	Good	4	-1	NORMAL
TENE	03	AAC	110,428	8/1/1994	85	Satisfactory	5/10/2018	68	Fair	24	-3.30	NORMAL
TENE	04	AAC	40,625	8/1/1984	74	Satisfactory	5/10/2018	63	Fair	34	-2	NORMAL

Abbreviations:

[1] AC = Asphalt Concrete, AAC = Asphalt Overlay AC

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

[3] PCI = Pavement Condition Index

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

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

APPENDIX C

Future Pavement Condition Analysis

APPENDIX C

PAVEMENT CONDITION ANALYSIS

C.1 METHODOLOGY

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

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

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

C.2 PREDICTION MODELS

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

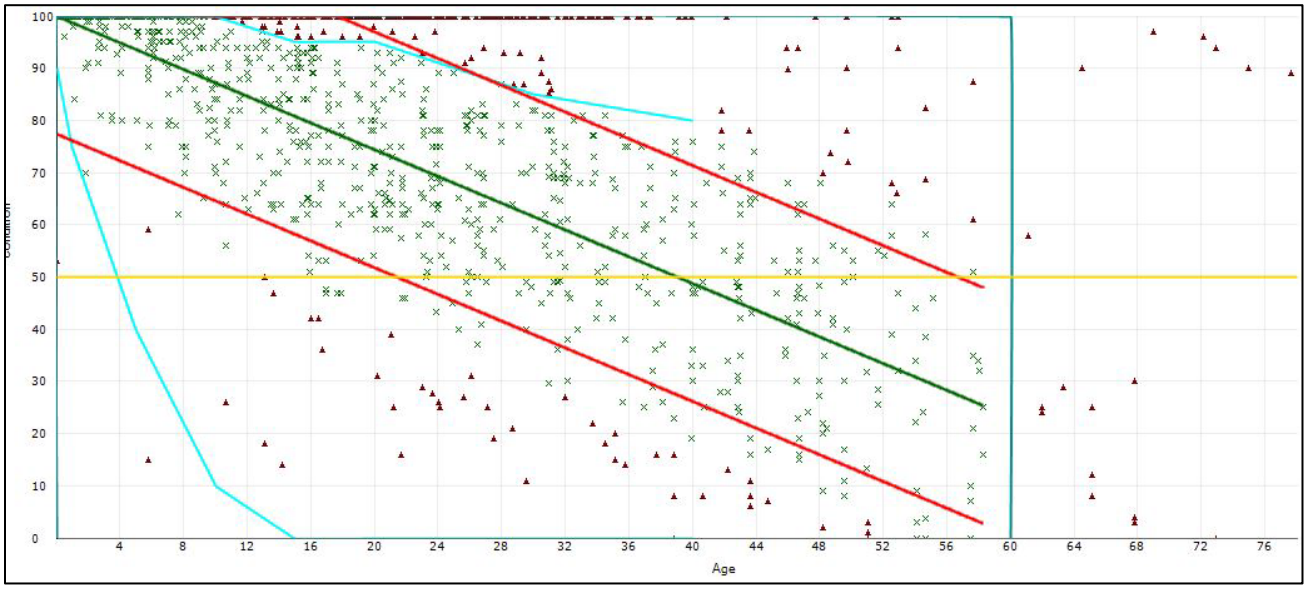


Figure 1C: CONDITION PREDICTION MODEL FOR NORTHWESTERN CATEGORY 1/2 AC APRONS

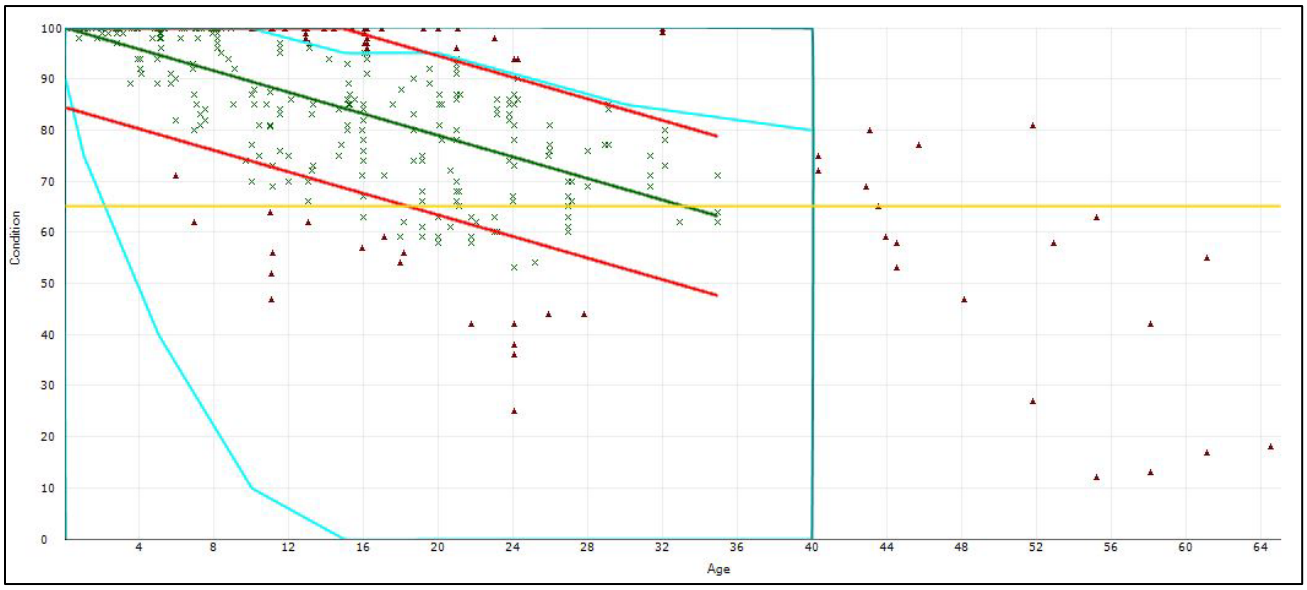


Figure 2C: CONDITION PREDICTION MODEL FOR NORTHWESTERN CATEGORY 1/2 AC RUNWAYS

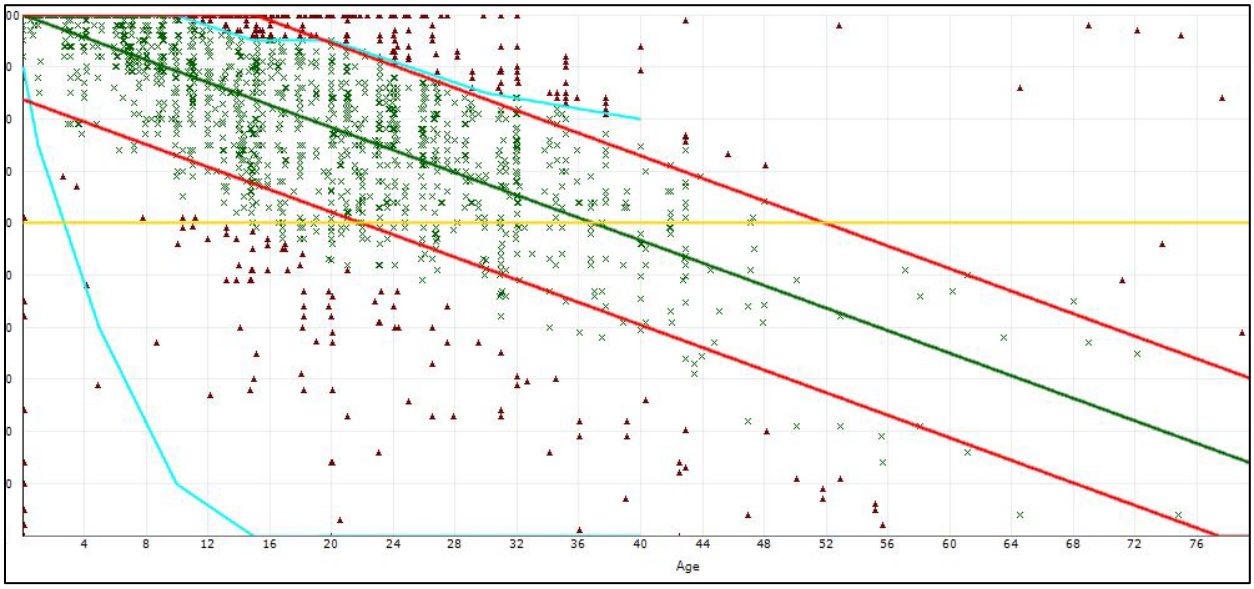


Figure 3C: CONDITION PREDICTION MODEL FOR NORTHWESTERN CATEGORY 1/2 AC TAXIWAYS

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 Newport Municipal 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 Newport Municipal Airport, along with the conditions at the previous inspection, are listed in Table 1C.

C.5 FUNCTIONAL REMAINING LIFE

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

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

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

Table 1C: PAST, PRESENT AND FUTURE PCI

		Past Inspection PCI	Current PCI	Predicted Future PCI	
BranchID	SectionID	2018	2023	2028	2033
A01NE	01	77	76	70	63
A01NE	02	77	74	68	61
A01NE	03	73	65	59	52
A01NE	04	75	68	62	55
A01NE	05	69	64	58	51
A01NE	06	87	70	64	57
A02NE	01	68	69	63	56
AFEDEXNE	01	100	94	88	81
AH16NE	01	81	75	69	62
AH34NE	01	97	83	77	70
R02NE	01	100	94	89	83
R02NE	02	100	94	89	83
R02NE	03	86	77	72	66
R16NE	01	100	94	89	83
R16NE	02	100	94	89	83
R16NE	03	100	94	89	83
T01NE	01	87	84	79	73
T02NE	01	78	70	65	59
T02NE	02	79	68	63	57
T03NE	01	78	70	65	59
TANE	01	86	84	79	73
TANE	02	80	74	69	63
TANE	03	100	80	75	69
TANE	04	100	77	72	66
TBNE	01	73	68	63	57
TBNE	02	88	80	75	69
TBNE	03	99	80	75	69
TCNE	01	100	89	84	78
TCNE	02	96	80	75	69
TCNE	03	100	79	74	68
TCNE	04	82	82	77	71
TDNE	01	66	52	47	41
TENE	01	100	94	89	83
TENE	02	98	94	89	83
TENE	03	85	68	63	57
TENE	04	74	63	58	52

Abbreviation: PCI = Pavement Condition Index

Table 2C: NEWPORT MUNICIPAL 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
A01NE	01	AC	76	> 20	50	> 20
A01NE	02	AAC	74	16 - 20	50	> 20
A01NE	03	AC	65	11 - 15	50	> 20
A01NE	04	AC	68	11 - 15	50	> 20
A01NE	05	AC	64	6 - 10	50	16 - 20
A01NE	06	AC	70	11 - 15	50	> 20
A02NE	01	AC	69	11 - 15	50	> 20
AFEDEXNE	01	AC	94	> 20	50	> 20
AH16NE	01	AC	75	> 20	50	> 20
AH34NE	01	AAC	83	> 20	50	> 20
R02NE	01	AAC	94	> 20	65	> 20
R02NE	02	AAC	94	> 20	65	> 20
R02NE	03	AAC	77	11 - 15	65	> 20
R16NE	01	AC	94	> 20	65	> 20
R16NE	02	AAC	94	> 20	65	> 20
R16NE	03	AC	94	> 20	65	> 20
T01NE	01	AC	84	> 20	60	> 20
T02NE	01	AC	70	6 - 10	60	> 20
T02NE	02	AAC	68	6 - 10	60	> 20
T03NE	01	AC	70	6 - 10	60	> 20
TANE	01	AC	84	> 20	60	> 20
TANE	02	AC	74	11 - 15	60	> 20
TANE	03	AAC	80	16 - 20	60	> 20
TANE	04	AC	77	11 - 15	60	> 20
TBNE	01	AC	68	6 - 10	60	> 20
TBNE	02	AAC	80	16 - 20	60	> 20
TBNE	03	AC	80	16 - 20	60	> 20
TCNE	01	AAC	89	> 20	60	> 20
TCNE	02	AC	80	16 - 20	60	> 20
TCNE	03	AC	79	16 - 20	60	> 20
TCNE	04	AAC	82	> 20	60	> 20
TDNE	01	AC	52	0 - 5	60	11 - 15
TENE	01	AC	94	> 20	60	> 20
TENE	02	AAC	94	> 20	60	> 20
TENE	03	AAC	68	6 - 10	60	> 20
TENE	04	AAC	63	0 - 5	60	> 20

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

[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 Newport Municipal Airport pavement network condition over time. We used PAVER v7.1.1 software to develop network-level project recommendations for the next five years.

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

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

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

D.1.1 Pavement Rank and Use Prioritization

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

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

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 Newport Municipal Airport and information provided by the ODAV Pavement Maintenance Program (PMP) project team. The costs for reconstruction are based on the existing pavement sections present within each branch use at Newport Municipal Airport. The costs represent the fully-loaded costs and include aspects of the project such as administration, contingencies, mobilization, and striping. The cost tables used in the analysis are presented in Table 2D below.

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: NEWPORT MUNICIPAL AIRPORT NETWORK MAINTENANCE REPORT

Branch ID	Section ID	Distress	Severity	Action	Work Quantity	Unit	Unit Cost	Work Cost	Section Total
A01NE	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	5,469	Ft	$3.12	$17,062	$17,062
A01NE	02	Long. & Trans. Cracking	Low	Crack Sealing - AC	1,360	Ft	$3.12	$4,244	$4,244
A01NE	03	Long. & Trans. Cracking	Low	Crack Sealing - AC	5,948	Ft	$3.12	$18,557	$69,094
A01NE	03	Alligator Cracking	Medium	Patching - AC Deep	648	SqFt	$78.00	$50,537	
A01NE	04	Long. & Trans. Cracking	Low	Crack Sealing - AC	255	Ft	$3.12	$796	$1,343
A01NE	04	Block Cracking	Low	Crack Sealing - AC	176	Ft	$3.12	$548	
A01NE	05	Long. & Trans. Cracking	Low	Crack Sealing - AC	761	Ft	$3.12	$2,376	$3,981
A01NE	05	Long. & Trans. Cracking	Medium	Crack Sealing - AC	514	Ft	$3.12	$1,605	
A01NE	06	Long. & Trans. Cracking	Medium	Crack Sealing - AC	32	Ft	$3.12	$100	$1,039
A01NE	06	Long. & Trans. Cracking	Low	Crack Sealing - AC	301	Ft	$3.12	$939	
A02NE	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	1,262	Ft	$3.12	$3,937	$22,815
A02NE	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	6,051	Ft	$3.12	$18,877	
AH16NE	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	420	Ft	$3.12	$1,310	$1,310
AH34NE	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	233	Ft	$3.12	$727	$727
R02NE	03	Long. & Trans. Cracking	Low	Crack Sealing - AC	12,052	Ft	$3.12	$37,601	$37,601
T01NE	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	134	Ft	$3.12	$418	$418
T02NE	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	2,199	Ft	$3.12	$6,861	$6,861
T02NE	02	Long. & Trans. Cracking	Medium	Crack Sealing - AC	43	Ft	$3.12	$134	$771
T02NE	02	Long. & Trans. Cracking	Low	Crack Sealing - AC	204	Ft	$3.12	$636	
T03NE	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	55	Ft	$3.12	$172	$13,945
T03NE	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	4,414	Ft	$3.12	$13,773	
TANE	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	2,350	Ft	$3.12	$7,332	$7,332
TANE	02	Long. & Trans. Cracking	Low	Crack Sealing - AC	997	Ft	$3.12	$3,110	$3,110
TANE	04	Long. & Trans. Cracking	Low	Crack Sealing - AC	3	Ft	$3.12	$9	$9
TBNE	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	258	Ft	$3.12	$805	$805
TCNE	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	70	Ft	$3.12	$218	$218
TCNE	03	Long. & Trans. Cracking	Low	Crack Sealing - AC	3	Ft	$3.12	$9	$9
TCNE	04	Long. & Trans. Cracking	Low	Crack Sealing - AC	1,274	Ft	$3.12	$3,976	$3,976
TDNE	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	65	Ft	$3.12	$204	$18,260
TDNE	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	782	Ft	$3.12	$2,440	
TDNE	01	Alligator Cracking	Low	Crack Sealing - AC	13	Ft	$3.12	$42	
TDNE	01	Alligator Cracking	Medium	Patching - AC Deep	199	SqFt	$78.00	$15,574	
TENE	03	Long. & Trans. Cracking	Low	Crack Sealing - AC	12,765	Ft	$3.12	$39,828	$46,998
TENE	03	Alligator Cracking	Medium	Patching - AC Deep	91	SqFt	$78.00	$7,170	
TENE	04	Long. & Trans. Cracking	Low	Crack Sealing - AC	5,962	Ft	$3.12	$18,601	$19,346
TENE	04	Alligator Cracking	Low	Crack Sealing - AC	6	Ft	$3.12	$19	
TENE	04	Block Cracking	Low	Crack Sealing - AC	233	Ft	$3.12	$726	

Abbreviations:

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

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

Action Year	Branch ID	Section ID	Branch Use	Surface Type	Current PCI	Action	Area, square feet	Unit Cost per square foot	Total Cost
2024	R02NE	03	RUNWAY	AAC	77	Slurry Seal	174,900	$0.52	$90,947
	T01NE	01	TAXIWAY	AC	84	Slurry Seal	11,521	$0.52	$5,991
	T02NE	01	TAXIWAY	AC	70	Slurry Seal	19,110	$0.52	$9,937
	T02NE	02	TAXIWAY	AAC	68	Slurry Seal	2,262	$0.52	$1,176
	T03NE	01	TAXIWAY	AC	70	Slurry Seal	45,101	$0.52	$23,452
	TANE	01	TAXIWAY	AC	84	Slurry Seal	93,459	$0.52	$48,598
	TANE	02	TAXIWAY	AC	74	Slurry Seal	21,111	$0.52	$10,978
	TANE	03	TAXIWAY	AAC	80	Slurry Seal	7,098	$0.52	$3,691
	TANE	04	TAXIWAY	AC	77	Slurry Seal	6,025	$0.52	$3,133
	TBNE	01	TAXIWAY	AC	68	Slurry Seal	2,892	$0.52	$1,504
	TBNE	02	TAXIWAY	AAC	80	Slurry Seal	10,128	$0.52	$5,267
	TBNE	03	TAXIWAY	AC	80	Slurry Seal	6,697	$0.52	$3,482
	TCNE	01	TAXIWAY	AAC	89	Slurry Seal	5,526	$0.52	$2,874
	TCNE	02	TAXIWAY	AC	80	Slurry Seal	2,654	$0.52	$1,380
	TCNE	03	TAXIWAY	AC	79	Slurry Seal	15,501	$0.52	$8,060
	TCNE	04	TAXIWAY	AAC	82	Slurry Seal	29,728	$0.52	$15,458
	TENE	03	TAXIWAY	AAC	68	Slurry Seal	110,428	$0.52	$57,422
	TENE	04	TAXIWAY	AAC	63	Slurry Seal	40,625	$0.52	$21,125
2025	A01NE	01	APRON	AC	76	Fog Seal	72,253	$0.31	$22,398
	A01NE	02	APRON	AAC	74	Fog Seal	15,880	$0.31	$4,923
	A01NE	03	APRON	AC	65	Fog Seal	71,310	$0.31	$22,106
	A01NE	04	APRON	AC	68	Fog Seal	6,161	$0.31	$1,910
	A01NE	05	APRON	AC	64	Fog Seal	14,424	$0.31	$4,471
	A01NE	06	APRON	AC	70	Fog Seal	5,288	$0.31	$1,639
	A02NE	01	APRON	AC	69	Fog Seal	70,233	$0.31	$21,772
	AH16NE	01	APRON	AC	75	Fog Seal	10,784	$0.31	$3,343
	AH34NE	01	APRON	AAC	83	Fog Seal	6,210	$0.31	$1,925
2027	TDNE	01	TAXIWAY	AC	52	Overlay	14,543	$11.39	$165,644

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

Cost Summary	
2024 Total Project Cost	$314,476
2025 Total Project Cost	$84,488
2026 Total Project Cost	$0
2027 Total Project Cost	$165,644
2028 Total Project Cost	$0
Total 5-Year Project Cost	**$564,608**

APPENDIX E

Reinspection Report

Re-Inspection Report

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

Network: Newport **Name:** Newport Municipal

Branch: A01NE **Name:** Apron 01 Newport **Use:** APRON **Area:** 185,316 SqFt

Section: 04 of 6 **From:** Section 03 **To:** FBO Hangar **Last Const.:** 8/1/1982

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

Area: 6,161 SqFt **Length:** 85 Ft **Width:** 75 Ft

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

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

Section Comments:

Work Date: 8/1/1982	**Work Type:** New Construction	**Code:** HI-AG	**Is Major M&R:** True
Work Date: 8/1/1990	**Work Type:** Surface Treatment - Seal Coat (Global MR)	**Code:** ST-SC	**Is Major M&R:** False
Work Date: 5/2/2005	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2009	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2013	**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:** 68

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 6161.00 SqFt **PCI:** 68

Sample Comments:

43	BLOCK CR	L	576.00	SqFt
45	DEPRESSION	M	50.00	SqFt
48	L & T CR	L	120.00	Ft
48	L & T CR	L	135.00	Ft
57	WEATHERING	L	6161.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: A01NE **Name:** Apron 01 Newport **Use:** APRON **Area:** 185,316 SqFt

Section: 06 of 6 **From:** Section 03 **To:** End **Last Const.:** 8/1/1989

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

Area: 5,288 SqFt **Length:** 76 Ft **Width:** 71 Ft

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

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

Section Comments:

Work Date: 8/1/1989	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/2002	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 8/2/2002	**Work Type:** Surface Treatment - Slurry Seal	**Code:** ST-SS	**Is Major M&R:** False

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

Conditions: **PCI:** 70

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5288.00 SqFt **PCI:** 70

Sample Comments:

48	L & T CR	L	301.00	Ft
48	L & T CR	M	32.00	Ft
50	PATCHING	L	48.00	SqFt
57	WEATHERING	L	5288.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: A01NE **Name:** Apron 01 Newport **Use:** APRON **Area:** 185,316 SqFt

Section: 03 of 6 **From:** Section 01 **To:** Airport Office / Terminal **Last Const.:** 8/3/1984

Surface: AC **Family:** 2023_Region1_Cat1/2_Apron_AC **Zone:** KONP **Category:** B **Rank:** P

Area: 71,310 SqFt **Length:** 400 Ft **Width:** 180 Ft

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

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

Section Comments:

Work Date: 8/1/1984	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1984	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/3/1984	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/2002	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 8/2/2002	**Work Type:** Surface Treatment - Slurry Seal	**Code:** ST-SS	**Is Major M&R:** False
Work Date: 5/2/2005	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2009	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2013	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

Last Insp. Date: 7/1/2023 **TotalSamples:** 14 **Surveyed:** 5

Conditions: **PCI:** 65

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5000.00 SqFt **PCI:** 57

Sample Comments:

41	ALLIGATOR CR	M	72.00	SqFt
48	L & T CR	L	151.00	Ft
48	L & T CR	L	268.00	Ft
57	WEATHERING	L	5000.00	SqFt

Sample Number: 05 **Type:** R **Area:** 5000.00 SqFt **PCI:** 75

Sample Comments:

48	L & T CR	L	318.00	Ft
48	L & T CR	L	69.00	Ft
57	WEATHERING	L	5000.00	SqFt

Sample Number: 09 **Type:** R **Area:** 5000.00 SqFt **PCI:** 58

Sample Comments:

41	ALLIGATOR CR	M	68.00	SqFt
48	L & T CR	L	72.00	Ft
48	L & T CR	L	335.00	Ft
57	WEATHERING	L	5000.00	SqFt

Sample Number: 10 **Type:** R **Area:** 5000.00 SqFt **PCI:** 70

Sample Comments:

41	ALLIGATOR CR	M	12.00	SqFt
48	L & T CR	L	242.00	Ft
48	L & T CR	L	134.00	Ft
57	WEATHERING	L	5000.00	SqFt

Sample Number: 11 **Type:** R **Area:** 4914.00 SqFt **PCI:** 63

Sample Comments:

41	ALLIGATOR CR	M	40.00	SqFt
48	L & T CR	L	361.00	Ft
48	L & T CR	L	128.00	Ft
57	WEATHERING	L	4914.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: A01NE **Name:** Apron 01 Newport **Use:** APRON **Area:** 185,316 SqFt

Section: 02 of 6 **From:** Section 01 **To:** Taxiway E **Last Const.:** 8/1/1984

Surface: AAC **Family:** 2023_Region1_Cat1/2_Apron_AC **Zone:** KONP **Category:** B **Rank:** P

Area: 15,880 SqFt **Length:** 300 Ft **Width:** 50 Ft

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

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

Section Comments:

Work Date: 8/1/1944	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1944	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/3/1944	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/1984	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**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: 8/1/2002	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 8/2/2002	**Work Type:** Surface Treatment - Slurry Seal	**Code:** ST-SS	**Is Major M&R:** False
Work Date: 5/2/2005	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2009	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2013	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

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

Conditions: **PCI:** 74

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5343.00 SqFt **PCI:** 75

Sample Comments:

48	L & T CR	L	3.00	Ft
48	L & T CR	L	88.00	Ft
48	L & T CR	L	68.00	Ft
48	L & T CR	L	250.00	Ft
57	WEATHERING	L	5343.00	SqFt

Sample Number: 02 **Type:** R **Area:** 5000.00 SqFt **PCI:** 72

Sample Comments:

48	L & T CR	L	250.00	Ft
48	L & T CR	L	134.00	Ft
48	L & T CR	L	93.00	Ft
57	WEATHERING	L	5000.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: A01NE **Name:** Apron 01 Newport **Use:** APRON **Area:** 185,316 SqFt

Section: 01 of 6 **From:** Section 02 **To:** Section 03 **Last Const.:** 8/3/1984

Surface: AC **Family:** 2023_Region1_Cat1/2_Apron_AC **Zone:** KONP **Category:** B **Rank:** P

Area: 72,253 SqFt **Length:** 300 Ft **Width:** 273 Ft

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

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

Section Comments:

Work Date: 8/1/1984	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1984	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/3/1984	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/2002	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 8/2/2002	**Work Type:** Surface Treatment - Slurry Seal	**Code:** ST-SS	**Is Major M&R:** False
Work Date: 5/2/2005	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2009	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2013	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

Last Insp. Date: 7/1/2023 **TotalSamples:** 16 **Surveyed:** 5

Conditions: **PCI:** 76

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5000.00 SqFt **PCI:** 80

Sample Comments:

48	L & T CR	L	70.00	Ft
48	L & T CR	L	196.00	Ft
57	WEATHERING	L	5000.00	SqFt

Sample Number: 06 **Type:** R **Area:** 5000.00 SqFt **PCI:** 73

Sample Comments:

48	L & T CR	L	119.00	Ft
48	L & T CR	L	336.00	Ft
57	WEATHERING	L	5000.00	SqFt

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

Sample Comments:

48	L & T CR	L	314.00	Ft
48	L & T CR	L	94.00	Ft
57	WEATHERING	L	5000.00	SqFt

Sample Number: 08 **Type:** R **Area:** 5000.00 SqFt **PCI:** 76

Sample Comments:

48	L & T CR	L	350.00	Ft
57	WEATHERING	L	5000.00	SqFt

Sample Number: 15 **Type:** R **Area:** 3650.00 SqFt **PCI:** 74

Sample Comments:

48	L & T CR	L	161.00	Ft
48	L & T CR	L	150.00	Ft
57	WEATHERING	L	3650.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: A01NE **Name:** Apron 01 Newport **Use:** APRON **Area:** 185,316 SqFt

Section: 05 of 6 **From:** Section 03 **To:** Section 06 **Last Const.:** 8/2/1996

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

Area: 14,424 SqFt **Length:** 131 Ft **Width:** 90 Ft

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

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

Section Comments:

Work Date: 8/1/1996	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/2/1996	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/2002	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 8/2/2002	**Work Type:** Surface Treatment - Slurry Seal	**Code:** ST-SS	**Is Major M&R:** False

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

Conditions: **PCI:** 64

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5302.00 SqFt **PCI:** 70

Sample Comments:

45	DEPRESSION	L	40.00	SqFt
48	L & T CR	L	217.00	Ft
48	L & T CR	M	100.00	Ft
57	WEATHERING	L	5302.00	SqFt

Sample Number: 02 **Type:** R **Area:** 4510.00 SqFt **PCI:** 58

Sample Comments:

45	DEPRESSION	L	160.00	SqFt
48	L & T CR	L	301.00	Ft
48	L & T CR	M	250.00	Ft
57	WEATHERING	L	4510.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: A02NE **Name:** Apron 02 Newport **Use:** APRON **Area:** 70,233 SqFt

Section: 01 of 1 **From:** Taxiway E **To:** Taxiway 02 **Last Const.:** 8/2/1996

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

Area: 70,233 SqFt **Length:** 354 Ft **Width:** 197 Ft

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

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

Section Comments:

Work Date: 8/1/1996	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/2/1996	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/2002	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 8/2/2002	**Work Type:** Surface Treatment - Slurry Seal	**Code:** ST-SS	**Is Major M&R:** False
Work Date: 9/1/2013	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

Last Insp. Date: 7/1/2023 **TotalSamples:** 14 **Surveyed:** 5

Conditions: **PCI:** 69

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 5000.00 SqFt **PCI:** 71

Sample Comments:

48	L & T CR	L	362.00	Ft
48	L & T CR	M	48.00	Ft
57	WEATHERING	L	5000.00	SqFt

Sample Number: 04 **Type:** R **Area:** 5000.00 SqFt **PCI:** 72

Sample Comments:

48	L & T CR	L	324.00	Ft
48	L & T CR	M	58.00	Ft
57	WEATHERING	L	5000.00	SqFt

Sample Number: 06 **Type:** R **Area:** 5688.00 SqFt **PCI:** 68

Sample Comments:

48	L & T CR	L	173.00	Ft
48	L & T CR	L	150.00	Ft
48	L & T CR	L	193.00	Ft
48	L & T CR	M	120.00	Ft
57	WEATHERING	L	5688.00	SqFt

Sample Number: 10 **Type:** R **Area:** 4850.00 SqFt **PCI:** 64

Sample Comments:

48	L & T CR	L	592.00	Ft
48	L & T CR	M	81.00	Ft
57	WEATHERING	L	4850.00	SqFt

Sample Number: 12 **Type:** R **Area:** 4895.00 SqFt **PCI:** 69

Sample Comments:

48	L & T CR	L	397.00	Ft
48	L & T CR	M	150.00	Ft
57	WEATHERING	L	4895.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: AFEDEXNE **Name:** FedEx Apron Newport **Use:** APRON **Area:** 16,407 SqFt

Section: 01 of 1 **From:** A01NE-01 **To:** West **Last Const.:** 6/1/2015

Surface: AC **Family:** 2023_Region1_Cat1/2_Apron_AC **Zone:** KNOP **Category:** B **Rank:** P

Area: 16,407 SqFt **Length:** 120 Ft **Width:** 123 Ft

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

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

Section Comments:

Work Date: 6/1/2015 **Work Type:** New Construction - Initial **Code:** NC-IN **Is Major M&R:** True

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

Conditions: **PCI:** 94

Inspection Comments:

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

Sample Comments:

57	WEATHERING	L	6000.00	SqFt

Sample Number: 02 **Type:** R **Area:** 6000.00 SqFt **PCI:** 94

Sample Comments:

57	WEATHERING	L	6000.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: AH16NE **Name:** Hold Apron 16 Newport **Use:** APRON **Area:** 10,784 SqFt

Section: 01 of 1 **From:** Taxiway A North End **To:** **Last Const.:** 8/3/1987

Surface: AC **Family:** 2023_Region1_Cat1/2_Apron_AC **Zone:** KONP **Category:** B **Rank:** P

Area: 10,784 SqFt **Length:** 145 Ft **Width:** 75 Ft

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

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

Section Comments:

Work Date: 8/1/1987	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1987	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/3/1987	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/2000	**Work Type:** Surface Seal - Fog Seal	**Code:** SS-FS	**Is Major M&R:** False
Work Date: 9/1/2009	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2013	**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:** 75

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5159.00 SqFt **PCI:** 75

Sample Comments:

48	L & T CR	L	258.00	Ft
57	WEATHERING	L	2585.00	SqFt
57	WEATHERING	M	2574.00	SqFt

Sample Number: 02 **Type:** R **Area:** 5625.00 SqFt **PCI:** 75

Sample Comments:

48	L & T CR	L	162.00	Ft
57	WEATHERING	L	2813.00	SqFt
57	WEATHERING	M	2812.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: AH34NE **Name:** Hold Apron 34 Newport **Use:** APRON **Area:** 6,210 SqFt

Section: 01 of 1 **From:** Taxiway E South End **To:** **Last Const.:** 8/1/1994

Surface: AAC **Family:** 2023_Region1_Cat1/2_Apron_AC **Zone:** KONP **Category:** B **Rank:** P

Area: 6,210 SqFt **Length:** 130 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: 8/1/1944	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1944	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/3/1944	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/1994	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**Is Major M&R:** True
Work Date: 8/1/2002	**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:** 83

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 6210.00 SqFt **PCI:** 83

Sample Comments:

48	L & T CR	L	233.00	Ft
57	WEATHERING	L	6210.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: R02NE **Name:** Runway 02/20 Newport **Use:** RUNWAY **Area:** 218,570 SqFt

Section: 03 of 3 **From:** R02NE-02 **To:** Runway 20 End (North) **Last Const.:** 8/1/1994

Surface: AAC **Family:** 2023_Region1_Cat1/2_Runway_AC **Zone:** KONP **Category:** B **Rank:** S

Area: 174,900 SqFt **Length:** 2,332 Ft **Width:** 75 Ft

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

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

Section Comments:

Work Date: 8/1/1944	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1944	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/3/1944	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/1984	**Work Type:** Surface Treatment - Slurry Seal	**Code:** ST-SS	**Is Major M&R:** False
Work Date: 8/1/1994	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**Is Major M&R:** True
Work Date: 8/1/2002	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 8/1/2002	**Work Type:** Surface Treatment - Slurry Seal	**Code:** ST-SS	**Is Major M&R:** False

Last Insp. Date: 7/1/2023 **TotalSamples:** 31 **Surveyed:** 5

Conditions: **PCI:** 77

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5625.00 SqFt **PCI:** 79

Sample Comments:

48	L & T CR	L	68.00	Ft
48	L & T CR	L	150.00	Ft
48	L & T CR	L	108.00	Ft
57	WEATHERING	L	5625.00	SqFt

Sample Number: 08 **Type:** R **Area:** 5625.00 SqFt **PCI:** 75

Sample Comments:

48	L & T CR	L	36.00	Ft
48	L & T CR	L	390.00	Ft
57	WEATHERING	L	5625.00	SqFt

Sample Number: 15 **Type:** R **Area:** 5625.00 SqFt **PCI:** 76

Sample Comments:

48	L & T CR	L	54.00	Ft
48	L & T CR	L	35.00	Ft
48	L & T CR	L	300.00	Ft
57	WEATHERING	L	5625.00	SqFt

Sample Number: 22 **Type:** R **Area:** 5625.00 SqFt **PCI:** 76

Sample Comments:

48	L & T CR	L	40.00	Ft
48	L & T CR	L	62.00	Ft
48	L & T CR	L	315.00	Ft
57	WEATHERING	L	5625.00	SqFt

Sample Number: 29 **Type:** R **Area:** 5625.00 SqFt **PCI:** 77

Sample Comments:

48	L & T CR	L	380.00	Ft
57	WEATHERING	L	5625.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: R02NE **Name:** Runway 02/20 Newport **Use:** RUNWAY **Area:** 218,570 SqFt

Section: 01 of 3 **From:** Runway 2 End (South), TE **To:** Runway 16/34 Midfield **Last Const.:** 10/1/2014

Surface: AAC **Family:** 2023_Region1_Cat1/2_Runway_AC **Zone:** KONP **Category:** B **Rank:** S

Area: 20,214 SqFt **Length:** 256 Ft **Width:** 75 Ft

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

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

Section Comments:

Work Date: 8/1/1944	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1944	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/3/1944	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/1984	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**Is Major M&R:** True
Work Date: 8/1/2002	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 8/2/2002	**Work Type:** Surface Treatment - Slurry Seal	**Code:** ST-SS	**Is Major M&R:** False
Work Date: 5/2/2005	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 10/1/2014	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**Is Major M&R:** True

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

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5625.00 SqFt **PCI:** 94

Sample Comments:

57	WEATHERING	L	5625.00	SqFt

Sample Number: 02 **Type:** R **Area:** 5625.00 SqFt **PCI:** 94

Sample Comments:

57	WEATHERING	L	5625.00	SqFt

Sample Number: 03 **Type:** R **Area:** 4193.00 SqFt **PCI:** 94

Sample Comments:

57	WEATHERING	L	4193.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: R02NE **Name:** Runway 02/20 Newport **Use:** RUNWAY **Area:** 218,570 SqFt

Section: 02 of 3 **From:** R02NE-01 **To:** R16/34 **Last Const.:** 10/1/2014

Surface: AAC **Family:** 2023_Region1_Cat1/2_Runway_AC **Zone:** KNOP **Category:** B **Rank:** S

Area: 23,456 SqFt **Length:** 316 Ft **Width:** 75 Ft

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

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

Section Comments:

Work Date: 8/1/1944	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1944	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/3/1944	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/1984	**Work Type:** Surface Treatment - Slurry Seal	**Code:** ST-SS	**Is Major M&R:** False
Work Date: 8/1/1994	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**Is Major M&R:** True
Work Date: 8/1/2002	**Work Type:** Surface Treatment - Slurry Seal	**Code:** ST-SS	**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: 10/1/2014	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**Is Major M&R:** True

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

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5353.00 SqFt **PCI:** 94

Sample Comments:

57	WEATHERING	L	5353.00	SqFt

Sample Number: 02 **Type:** R **Area:** 5625.00 SqFt **PCI:** 94

Sample Comments:

57	WEATHERING	L	5625.00	SqFt

Sample Number: 03 **Type:** R **Area:** 5625.00 SqFt **PCI:** 94

Sample Comments:

57	WEATHERING	L	5625.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: R16NE **Name:** Runway 16/34 Newport **Use:** RUNWAY **Area:** 540,000 SqFt

Section: 02 of 3 **From:** R16NE-01 **To:** R16NE-03 **Last Const.:** 10/1/2014

Surface: AAC **Family:** 2023_Region1_Cat1/2_Runway_AC **Zone:** KONP **Category:** B **Rank:** P

Area: 85,000 SqFt **Length:** 850 Ft **Width:** 100 Ft

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

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

Section Comments:

Work Date: 8/1/1944	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1944	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/3/1944	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/1984	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**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: 8/1/2002	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 8/2/2002	**Work Type:** Surface Treatment - Slurry Seal	**Code:** ST-SS	**Is Major M&R:** False
Work Date: 5/2/2005	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2009	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 10/1/2014	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**Is Major M&R:** True

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

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Sample Comments:

57 WEATHERING L 5000.00 SqFt

Sample Number: 05 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Sample Comments:

57 WEATHERING L 5000.00 SqFt

Sample Number: 09 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Sample Comments:

57 WEATHERING L 5000.00 SqFt

Sample Number: 13 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Sample Comments:

57 WEATHERING L 5000.00 SqFt

Sample Number: 17 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Sample Comments:

57 WEATHERING L 5000.00 SqFt

Network: Newport **Name:** Newport Municipal

Branch: R16NE **Name:** Runway 16/34 Newport **Use:** RUNWAY **Area:** 540,000 SqFt

Section: 03 of 3 **From:** R16NE-02 **To:** R34 End **Last Const.:** 10/3/2014

Surface: AC **Family:** 2023_Region1_Cat1/2_Runway_AC **Zone:** KNOP **Category:** B **Rank:** P

Area: 225,000 SqFt **Length:** 2,250 Ft **Width:** 100 Ft

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

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

Section Comments:

Work Date: 10/1/2014 **Work Type:** Subbase - Aggregate **Code:** SB-AG **Is Major M&R:** False

Work Date: 10/2/2014 **Work Type:** Base Course - Aggregate **Code:** BA-AG **Is Major M&R:** False

Work Date: 10/3/2014 **Work Type:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 45 **Surveyed:** 6

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Sample Comments:

57 WEATHERING L 5000.00 SqFt

Sample Number: 06 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Sample Comments:

57 WEATHERING L 5000.00 SqFt

Sample Number: 15 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Sample Comments:

57 WEATHERING L 5000.00 SqFt

Sample Number: 25 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Sample Comments:

57 WEATHERING L 5000.00 SqFt

Sample Number: 35 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Sample Comments:

57 WEATHERING L 5000.00 SqFt

Sample Number: 45 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Sample Comments:

57 WEATHERING L 5000.00 SqFt

Network: Newport **Name:** Newport Municipal

Branch: R16NE **Name:** Runway 16/34 Newport **Use:** RUNWAY **Area:** 540,000 SqFt

Section: 01 of 3 **From:** R16 End **To:** R16NE-02 **Last Const.:** 10/3/2014

Surface: AC **Family:** 2023_Region1_Cat1/2_Runway_AC **Zone:** KNOP **Category:** B **Rank:** P

Area: 230,000 SqFt **Length:** 2,300 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: 10/1/2014 **Work Type:** Subbase - Aggregate **Code:** SB-AG **Is Major M&R:** False

Work Date: 10/2/2014 **Work Type:** Base Course - Aggregate **Code:** BA-AG **Is Major M&R:** False

Work Date: 10/3/2014 **Work Type:** Complete Reconstruction - AC **Code:** CR-AC **Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 46 **Surveyed:** 6

Conditions: **PCI:** 94

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Sample Comments:

57 WEATHERING L 5000.00 SqFt

Sample Number: 06 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Sample Comments:

57 WEATHERING L 5000.00 SqFt

Sample Number: 15 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Sample Comments:

57 WEATHERING L 5000.00 SqFt

Sample Number: 25 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Sample Comments:

57 WEATHERING L 5000.00 SqFt

Sample Number: 35 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Sample Comments:

57 WEATHERING L 5000.00 SqFt

Sample Number: 45 **Type:** R **Area:** 5000.00 SqFt **PCI:** 94

Sample Comments:

57 WEATHERING L 5000.00 SqFt

Network: Newport **Name:** Newport Municipal

Branch: T01NE **Name:** Taxiway 01 Newport **Use:** TAXIWAY **Area:** 11,521 SqFt

Section: 01 of 1 **From:** Taxiway 02 **To:** Hangars **Last Const.:** 8/1/1996

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KONP **Category:** B **Rank:** S

Area: 11,521 SqFt **Length:** 450 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: 8/1/1996 **Work Type:** New Construction **Code:** HI-AG **Is Major M&R:** True

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

Conditions: **PCI:** 84

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 6250.00 SqFt **PCI:** 88

Sample Comments:

45	DEPRESSION	L	14.00	SqFt
48	L & T CR	L	88.00	Ft
57	WEATHERING	L	6250.00	SqFt

Sample Number: 02 **Type:** R **Area:** 5271.00 SqFt **PCI:** 80

Sample Comments:

45	DEPRESSION	L	96.00	SqFt
48	L & T CR	L	27.00	Ft
48	L & T CR	L	19.00	Ft
57	WEATHERING	L	5271.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: T02NE **Name:** Taxiway 02 Newport **Use:** TAXIWAY **Area:** 21,372 SqFt

Section: 01 of 2 **From:** Section 01 **To:** Hangars **Last Const.:** 8/1/1992

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KONP **Category:** B **Rank:** S

Area: 19,110 SqFt **Length:** 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: 8/1/1992	**Work Type:** New Construction	**Code:** HI-AG	**Is Major M&R:** True
Work Date: 5/2/2005	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2009	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

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

Conditions: **PCI:** 70

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 4830.00 SqFt **PCI:** 67

Sample Comments:

48	L & T CR	L	236.00	Ft
48	L & T CR	L	100.00	Ft
48	L & T CR	L	342.00	Ft
57	WEATHERING	L	4830.00	SqFt

Sample Number: 03 **Type:** R **Area:** 5250.00 SqFt **PCI:** 71

Sample Comments:

48	L & T CR	L	55.00	Ft
48	L & T CR	L	246.00	Ft
48	L & T CR	L	255.00	Ft
57	WEATHERING	L	5250.00	SqFt

Sample Number: 04 **Type:** R **Area:** 3780.00 SqFt **PCI:** 72

Sample Comments:

48	L & T CR	L	160.00	Ft
48	L & T CR	L	201.00	Ft
57	WEATHERING	L	3780.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: T02NE **Name:** Taxiway 02 Newport **Use:** TAXIWAY **Area:** 21,372 SqFt

Section: 02 of 2 **From:** Taxiway E **To:** Section 01 **Last Const.:** 8/1/1994

Surface: AAC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KONP **Category:** B **Rank:** S

Area: 2,262 SqFt **Length:** 45 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: 8/1/1992	**Work Type:** New Construction	**Code:** HI-AG	**Is Major M&R:** True
Work Date: 8/1/1994	**Work Type:** Overlay - AC Thin	**Code:** OL-AT	**Is Major M&R:** True
Work Date: 8/1/2002	**Work Type:** Surface Treatment - Slurry Seal	**Code:** ST-SS	**Is Major M&R:** False
Work Date: 5/2/2005	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2009	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

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

Conditions: **PCI:** 68

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 2262.00 SqFt **PCI:** 68

Sample Comments:

48	L & T CR	L	120.00	Ft
48	L & T CR	L	84.00	Ft
48	L & T CR	M	43.00	Ft
57	WEATHERING	L	2262.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: T03NE **Name:** Taxiway 03 Newport **Use:** TAXIWAY **Area:** 45,101 SqFt

Section: 01 of 1 **From:** Taxiway E **To:** **Last Const.:** 10/2/2001

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KONP **Category:** B **Rank:** S

Area: 45,101 SqFt **Length:** 1,285 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: 10/1/2001 **Work Type:** Base Course - Aggregate **Code:** BA-AG **Is Major M&R:** False

Work Date: 10/2/2001 **Work Type:** New Construction - AC **Code:** NC-AC **Is Major M&R:** True

Last Insp. Date: 7/1/2023 **TotalSamples:** 9 **Surveyed:** 4

Conditions: **PCI:** 70

Inspection Comments:

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

Sample Comments:

45	DEPRESSION	L	16.00	SqFt
45	DEPRESSION	L	40.00	SqFt
48	L & T CR	L	250.00	Ft
48	L & T CR	L	296.00	Ft
57	WEATHERING	L	5000.00	SqFt

Sample Number: 03 **Type:** R **Area:** 5023.00 SqFt **PCI:** 75

Sample Comments:

48	L & T CR	L	396.00	Ft
57	WEATHERING	L	5023.00	SqFt

Sample Number: 06 **Type:** R **Area:** 3873.00 SqFt **PCI:** 68

Sample Comments:

48	L & T CR	L	347.00	Ft
48	L & T CR	M	24.00	Ft
57	WEATHERING	L	3873.00	SqFt

Sample Number: 08 **Type:** R **Area:** 5700.00 SqFt **PCI:** 70

Sample Comments:

48	L & T CR	L	160.00	Ft
48	L & T CR	L	469.00	Ft
57	WEATHERING	L	5700.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: TANE **Name:** Taxiway A Newport **Use:** TAXIWAY **Area:** 127,693 SqFt

Section: 01 of 4 **From:** Taxiway D **To:** Taxiway B, TANE-02 **Last Const.:** 8/3/1987

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KONP **Category:** B **Rank:** P

Area: 93,459 SqFt **Length:** 2,560 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: 8/1/1987	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1987	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/3/1987	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/2000	**Work Type:** Surface Seal - Fog Seal	**Code:** SS-FS	**Is Major M&R:** False
Work Date: 9/1/2009	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2013	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

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

Conditions: **PCI:** 84

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4968.00 SqFt **PCI:** 87

Sample Comments:

48	L & T CR	L	104.00	Ft
57	WEATHERING	L	4968.00	SqFt

Sample Number: 06 **Type:** R **Area:** 5250.00 SqFt **PCI:** 74

Sample Comments:

48	L & T CR	L	108.00	Ft
50	PATCHING	L	595.00	SqFt
57	WEATHERING	L	5250.00	SqFt

Sample Number: 11 **Type:** R **Area:** 5250.00 SqFt **PCI:** 84

Sample Comments:

48	L & T CR	L	175.00	Ft
57	WEATHERING	L	5250.00	SqFt

Sample Number: 12 **Type:** R **Area:** 5250.00 SqFt **PCI:** 86

Sample Comments:

48	L & T CR	L	136.00	Ft
57	WEATHERING	L	5250.00	SqFt

Sample Number: 16 **Type:** R **Area:** 5250.00 SqFt **PCI:** 86

Sample Comments:

48	L & T CR	L	130.00	Ft
57	WEATHERING	L	5250.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: TANE **Name:** Taxiway A Newport **Use:** TAXIWAY **Area:** 127,693 SqFt

Section: 02 of 4 **From:** Taxiway B **To:** Runway 16 End (North) **Last Const.:** 8/3/1987

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KONP **Category:** B **Rank:** P

Area: 21,111 SqFt **Length:** 342 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: 8/1/1987	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1987	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/3/1987	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/2000	**Work Type:** Surface Seal - Fog Seal	**Code:** SS-FS	**Is Major M&R:** False
Work Date: 9/1/2009	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2013	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

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

Conditions: **PCI:** 74

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 6000.00 SqFt **PCI:** 75

Sample Comments:

48	L & T CR	L	172.00	Ft
57	WEATHERING	L	3000.00	SqFt
57	WEATHERING	M	3000.00	SqFt

Sample Number: 02 **Type:** R **Area:** 6318.00 SqFt **PCI:** 75

Sample Comments:

48	L & T CR	L	307.00	Ft
57	WEATHERING	L	3159.00	SqFt
57	WEATHERING	M	3159.00	SqFt

Sample Number: 03 **Type:** R **Area:** 4391.00 SqFt **PCI:** 71

Sample Comments:

48	L & T CR	L	310.00	Ft
57	WEATHERING	L	2201.00	SqFt
57	WEATHERING	M	2190.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: TANE **Name:** Taxiway A Newport **Use:** TAXIWAY **Area:** 127,693 SqFt

Section: 04 of 4 **From:** TANE-03 **To:** R16/34 **Last Const.:** 10/3/2014

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KNOP **Category:** B **Rank:** P

Area: 6,025 SqFt **Length:** 95 Ft **Width:** 55 Ft

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

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

Section Comments:

Work Date: 10/1/2014	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 10/2/2014	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 10/3/2014	**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:** 77

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 6025.00 SqFt **PCI:** 77

Sample Comments:

48	L & T CR	L	3.00	Ft
57	WEATHERING	L	3013.00	SqFt
57	WEATHERING	M	3012.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: TANE **Name:** Taxiway A Newport **Use:** TAXIWAY **Area:** 127,693 SqFt

Section: 03 of 4 **From:** TANE-02 **To:** TANE-04 **Last Const.:** 10/1/2014

Surface: AAC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KNOP **Category:** B **Rank:** P

Area: 7,098 SqFt **Length:** 105 Ft **Width:** 55 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:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1987	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/3/1987	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/2000	**Work Type:** Surface Seal - Fog Seal	**Code:** SS-FS	**Is Major M&R:** False
Work Date: 9/1/2009	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 10/1/2014	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**Is Major M&R:** True

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

Conditions: **PCI:** 80

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 3010.00 SqFt **PCI:** 80

Sample Comments:

57	WEATHERING	L	1505.00	SqFt
57	WEATHERING	M	1505.00	SqFt

Sample Number: 02 **Type:** R **Area:** 4087.00 SqFt **PCI:** 80

Sample Comments:

57	WEATHERING	L	2043.00	SqFt
57	WEATHERING	M	2044.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: TBNE **Name:** Taxiway B Newport **Use:** TAXIWAY **Area:** 19,717 SqFt

Section: 01 of 3 **From:** Taxiway A **To:** Runway 16/34 **Last Const.:** 8/3/1987

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KONP **Category:** B **Rank:** P

Area: 2,892 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: 8/1/1987	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1987	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/3/1987	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/2000	**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: 9/1/2009	**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:** 68

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 2892.00 SqFt **PCI:** 68

Sample Comments:

48	L & T CR	L	258.00	Ft
50	PATCHING	L	96.00	SqFt
57	WEATHERING	L	1355.00	SqFt
57	WEATHERING	M	96.00	SqFt
57	WEATHERING	M	896.00	SqFt
57	WEATHERING	M	545.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: TBNE **Name:** Taxiway B Newport **Use:** TAXIWAY **Area:** 19,717 SqFt

Section: 03 of 3 **From:** TBNE-02 **To:** R16/34 **Last Const.:** 10/3/2014

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KNOP **Category:** B **Rank:** P

Area: 6,697 SqFt **Length:** 110 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: 10/1/2014	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 10/2/2014	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 10/3/2014	**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:** 80

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 6697.00 SqFt **PCI:** 80

Sample Comments:

57	WEATHERING	L	3350.00	SqFt
57	WEATHERING	M	3347.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: TBNE **Name:** Taxiway B Newport **Use:** TAXIWAY **Area:** 19,717 SqFt

Section: 02 of 3 **From:** TBNE-01 **To:** TBNE-03 **Last Const.:** 10/1/2014

Surface: AAC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KNOP **Category:** B **Rank:** P

Area: 10,128 SqFt **Length:** 169 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: 8/1/1987	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1987	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/3/1987	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/2000	**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: 9/1/2009	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 10/1/2014	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**Is Major M&R:** True

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

Conditions: **PCI:** 80

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 6000.00 SqFt **PCI:** 80

Sample Comments:

57	WEATHERING	L	3000.00	SqFt
57	WEATHERING	M	3000.00	SqFt

Sample Number: 02 **Type:** R **Area:** 4128.00 SqFt **PCI:** 80

Sample Comments:

57	WEATHERING	L	2064.00	SqFt
57	WEATHERING	M	2064.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: TCNE **Name:** Taxiway C Newport **Use:** TAXIWAY **Area:** 53,409 SqFt

Section: 04 of 4 **From:** TCNE-03 **To:** Runway 2/20 **Last Const.:** 9/1/1994

Surface: AAC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KONP **Category:** B **Rank:** P

Area: 29,728 SqFt **Length:** 475 Ft **Width:** 50 Ft

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

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

Section Comments:

Work Date: 8/1/1944	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1944	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/3/1944	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 9/1/1994	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**Is Major M&R:** True
Work Date: 8/1/2000	**Work Type:** Surface Seal - Fog Seal	**Code:** SS-FS	**Is Major M&R:** False
Work Date: 5/2/2005	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2009	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

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

Conditions: **PCI:** 82

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 5000.00 SqFt **PCI:** 81

Sample Comments:

48	L & T CR	L	122.00	Ft
48	L & T CR	L	121.00	Ft
57	WEATHERING	L	5000.00	SqFt

Sample Number: 03 **Type:** R **Area:** 5000.00 SqFt **PCI:** 81

Sample Comments:

48	L & T CR	L	168.00	Ft
48	L & T CR	L	56.00	Ft
57	WEATHERING	L	5000.00	SqFt

Sample Number: 04 **Type:** R **Area:** 5000.00 SqFt **PCI:** 84

Sample Comments:

48	L & T CR	L	98.00	Ft
48	L & T CR	L	78.00	Ft
57	WEATHERING	L	5000.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: TCNE **Name:** Taxiway C Newport **Use:** TAXIWAY **Area:** 53,409 SqFt

Section: 01 of 4 **From:** Taxiway A **To:** TCNE-02 **Last Const.:** 10/1/2014

Surface: AAC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KONP **Category:** B **Rank:** P

Area: 5,526 SqFt **Length:** 143 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: 8/1/1987	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1987	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/3/1987	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/2000	**Work Type:** Surface Seal - Fog Seal	**Code:** SS-FS	**Is Major M&R:** False
Work Date: 9/1/2009	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 10/1/2014	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**Is Major M&R:** True

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

Conditions: **PCI:** 89

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5526.00 SqFt **PCI:** 89

Sample Comments:

48	L & T CR	L	70.00	Ft
57	WEATHERING	L	5526.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: TCNE **Name:** Taxiway C Newport **Use:** TAXIWAY **Area:** 53,409 SqFt

Section: 03 of 4 **From:** R16/34 **To:** TCNE-04 **Last Const.:** 10/3/2014

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KNOP **Category:** B **Rank:** P

Area: 15,501 SqFt **Length:** 350 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: 10/1/2014 **Work Type:** Subbase - Aggregate **Code:** SB-AG **Is Major M&R:** False

Work Date: 10/2/2014 **Work Type:** Base Course - Aggregate **Code:** BA-AG **Is Major M&R:** False

Work Date: 10/3/2014 **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:** 79

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4859.00 SqFt **PCI:** 80

Sample Comments:

57	WEATHERING	L	2430.00	SqFt
57	WEATHERING	M	2429.00	SqFt

Sample Number: 02 **Type:** R **Area:** 6003.00 SqFt **PCI:** 77

Sample Comments:

48	L & T CR	L	2.00	Ft
57	WEATHERING	L	3001.00	SqFt
57	WEATHERING	M	3002.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: TCNE **Name:** Taxiway C Newport **Use:** TAXIWAY **Area:** 53,409 SqFt

Section: 02 of 4 **From:** TCNE-01 **To:** R16/34 **Last Const.:** 10/3/2014

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KNOP **Category:** B **Rank:** P

Area: 2,654 SqFt **Length:** 75 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: 10/1/2014 **Work Type:** Subbase - Aggregate **Code:** SB-AG **Is Major M&R:** False

Work Date: 10/2/2014 **Work Type:** Base Course - Aggregate **Code:** BA-AG **Is Major M&R:** False

Work Date: 10/3/2014 **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:** 80

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 2654.00 SqFt **PCI:** 80

Sample Comments:

57	WEATHERING	L	1327.00	SqFt
57	WEATHERING	M	1327.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: TDNE **Name:** Taxiway D Newport **Use:** TAXIWAY **Area:** 14,543 SqFt

Section: 01 of 1 **From:** Apron 01 **To:** Runway 2 End (South) **Last Const.:** 8/3/1984

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KONP **Category:** B **Rank:** P

Area: 14,543 SqFt **Length:** 410 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: 8/1/1984	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1984	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/3/1984	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/2000	**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:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2009	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2013	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

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

Conditions: **PCI:** 52

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5443.00 SqFt **PCI:** 41

Sample Comments:

41	ALLIGATOR CR	L	16.00	SqFt
41	ALLIGATOR CR	M	70.00	SqFt
45	DEPRESSION	L	40.00	SqFt
48	L & T CR	L	199.00	Ft
48	L & T CR	L	87.00	Ft
48	L & T CR	M	48.00	Ft
50	PATCHING	L	154.00	SqFt
57	WEATHERING	L	5443.00	SqFt

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

Sample Comments:

41	ALLIGATOR CR	M	38.00	SqFt
48	L & T CR	L	183.00	Ft
48	L & T CR	L	106.00	Ft
57	WEATHERING	M	5250.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: TENE **Name:** Taxiway E Newport **Use:** TAXIWAY **Area:** 162,244 SqFt

Section: 04 of 4 **From:** TENE-03 **To:** Runway 2 End (South) **Last Const.:** 8/1/1984

Surface: AAC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KONP **Category:** B **Rank:** P

Area: 40,625 SqFt **Length:** 812 Ft **Width:** 50 Ft

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

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

Section Comments:

Work Date: 8/1/1944	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1944	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/3/1944	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/1984	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**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: 8/1/2002	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 8/2/2002	**Work Type:** Surface Treatment - Slurry Seal	**Code:** ST-SS	**Is Major M&R:** False
Work Date: 5/2/2005	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 9/1/2009	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False

Last Insp. Date: 7/1/2023 **TotalSamples:** 8 **Surveyed:** 4

Conditions: **PCI:** 63

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 5000.00 SqFt **PCI:** 62

Sample Comments:

43	BLOCK CR	L	286.00	SqFt
48	L & T CR	L	100.00	Ft
48	L & T CR	L	238.00	Ft
48	L & T CR	L	379.00	Ft
57	WEATHERING	L	5000.00	SqFt

Sample Number: 02 **Type:** R **Area:** 5000.00 SqFt **PCI:** 58

Sample Comments:

41	ALLIGATOR CR	L	3.00	SqFt
48	L & T CR	L	649.00	Ft
48	L & T CR	L	283.00	Ft
57	WEATHERING	L	5000.00	SqFt

Sample Number: 03 **Type:** R **Area:** 5000.00 SqFt **PCI:** 68

Sample Comments:

43	BLOCK CR	L	90.00	SqFt
48	L & T CR	L	188.00	Ft
48	L & T CR	L	250.00	Ft
57	WEATHERING	L	5000.00	SqFt

Sample Number: 04 **Type:** R **Area:** 5000.00 SqFt **PCI:** 64

Sample Comments:

48	L & T CR	L	456.00	Ft
48	L & T CR	L	392.00	Ft
57	WEATHERING	L	5000.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: TENE **Name:** Taxiway E Newport **Use:** TAXIWAY **Area:** 162,244 SqFt

Section: 03 of 4 **From:** TENE-02 **To:** TENE-04 **Last Const.:** 8/1/1994

Surface: AAC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KONP **Category:** B **Rank:** P

Area: 110,428 SqFt **Length:** 2,200 Ft **Width:** 50 Ft

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

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

Section Comments:

Work Date: 8/1/1944	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1944	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/3/1944	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/1994	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**Is Major M&R:** True
Work Date: 8/1/2002	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 8/2/2002	**Work Type:** Surface Treatment - Slurry Seal	**Code:** ST-SS	**Is Major M&R:** False
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:** 23 **Surveyed:** 5

Conditions: **PCI:** 68

Inspection Comments:

Sample Number: 02 **Type:** R **Area:** 5000.00 SqFt **PCI:** 69

Sample Comments:

41	ALLIGATOR CR	M	7.00	SqFt
48	L & T CR	L	435.00	Ft
57	WEATHERING	L	5000.00	SqFt

Sample Number: 05 **Type:** R **Area:** 5000.00 SqFt **PCI:** 63

Sample Comments:

41	ALLIGATOR CR	M	6.00	SqFt
48	L & T CR	L	312.00	Ft
48	L & T CR	L	341.00	Ft
57	WEATHERING	L	5000.00	SqFt

Sample Number: 10 **Type:** R **Area:** 5000.00 SqFt **PCI:** 71

Sample Comments:

48	L & T CR	L	281.00	Ft
48	L & T CR	L	263.00	Ft
57	WEATHERING	L	5000.00	SqFt

Sample Number: 17 **Type:** R **Area:** 5000.00 SqFt **PCI:** 68

Sample Comments:

48	L & T CR	L	312.00	Ft
48	L & T CR	L	345.00	Ft
57	WEATHERING	L	5000.00	SqFt

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

Sample Comments:

48	L & T CR	L	364.00	Ft
48	L & T CR	L	237.00	Ft
57	WEATHERING	L	5000.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: TENE **Name:** Taxiway E Newport **Use:** TAXIWAY **Area:** 162,244 SqFt

Section: 01 of 4 **From:** R16/34 **To:** TENE-02 **Last Const.:** 10/3/2014

Surface: AC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KNOP **Category:** B **Rank:** P

Area: 5,403 SqFt **Length:** 80 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: 10/1/2014	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 10/2/2014	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 10/3/2014	**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:** 5403.00 SqFt **PCI:** 94

Sample Comments:

57	WEATHERING	L	5403.00	SqFt

Network: Newport **Name:** Newport Municipal

Branch: TENE **Name:** Taxiway E Newport **Use:** TAXIWAY **Area:** 162,244 SqFt

Section: 02 of 4 **From:** TENE-01 **To:** TENE-03 **Last Const.:** 10/1/2014

Surface: AAC **Family:** 2023_Region1_Cat1/2_Taxiway_AC **Zone:** KNOP **Category:** B **Rank:** P

Area: 5,788 SqFt **Length:** 105 Ft **Width:** 50 Ft

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

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

Section Comments:

Work Date: 8/1/1944	**Work Type:** Subbase - Aggregate	**Code:** SB-AG	**Is Major M&R:** False
Work Date: 8/2/1944	**Work Type:** Base Course - Aggregate	**Code:** BA-AG	**Is Major M&R:** False
Work Date: 8/3/1944	**Work Type:** New Construction - AC	**Code:** NC-AC	**Is Major M&R:** True
Work Date: 8/1/1994	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**Is Major M&R:** True
Work Date: 8/1/2002	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 8/2/2002	**Work Type:** Surface Treatment - Slurry Seal	**Code:** ST-SS	**Is Major M&R:** False
Work Date: 9/1/2009	**Work Type:** Crack Sealing - AC	**Code:** CS-AC	**Is Major M&R:** False
Work Date: 10/1/2014	**Work Type:** Overlay - AC Structural	**Code:** OL-AS	**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:** 5788.00 SqFt **PCI:** 94

Sample Comments:

57	WEATHERING	L	5788.00	SqFt

APPENDIX F

Work History Report

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

Network: Newport Municipal **Branch:** A01NE Apron 01 Newport **Section:** 01 **Surface:** AC

L.C.D. 8/3/1984 **Use:** APRON **Rank:** P **Length:** 300.00 (Ft) **Width:** 273.00 (Ft) **True Area:** 72253 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2013	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
5/2/2005	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/2/2002	ST-SS	Surface Treatment - Slurry Seal	0.00	0.50	☐	
8/1/2002	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/3/1984	NC-AC	New Construction - AC	0.00	4.00	☑	
8/2/1984	BA-AG	Base Course - Aggregate	0.00	6.00	☐	
8/1/1984	SB-AG	Subbase - Aggregate	0.00	5.00	☐	

Network: Newport Municipal **Branch:** A01NE Apron 01 Newport **Section:** 02 **Surface:** AAC

L.C.D. 8/1/1984 **Use:** APRON **Rank:** P **Length:** 300.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 15880 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2013	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
5/2/2005	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/2/2002	ST-SS	Surface Treatment - Slurry Seal	0.00	0.50	☐	
8/1/2002	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/1/1999	CS-AC	Crack Sealing - AC	0.00	0.10	☐	Approximate Date
8/1/1984	OL-AS	Overlay - AC Structural	0.00	3.00	☑	
8/3/1944	NC-AC	New Construction - AC	0.00	2.00	☑	
8/2/1944	BA-AG	Base Course - Aggregate	0.00	6.00	☐	
8/1/1944	SB-AG	Subbase - Aggregate	0.00	9.00	☐	

Network: Newport Municipal **Branch:** A01NE Apron 01 Newport **Section:** 03 **Surface:** AC

L.C.D. 8/3/1984 **Use:** APRON **Rank:** P **Length:** 400.00 (Ft) **Width:** 180.00 (Ft) **True Area:** 71310 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2013	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
5/2/2005	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/2/2002	ST-SS	Surface Treatment - Slurry Seal	0.00	0.50	☐	ASSUMED DATE
8/1/2002	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
8/3/1984	NC-AC	New Construction - AC	0.00	2.00	☑	
8/2/1984	BA-AG	Base Course - Aggregate	0.00	4.00	☐	
8/1/1984	SB-AG	Subbase - Aggregate	0.00	4.00	☐	

Network: Newport Municipal **Branch:** A01NE Apron 01 Newport **Section:** 04 **Surface:** AC
L.C.D. 8/1/1982 **Use:** APRON **Rank:** S **Length:** 85.00 (Ft) **Width:** 74.50 (Ft) **True Area:** 6161 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2013	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
5/2/2005	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/1/1990	ST-SC	Surface Treatment - Seal Coat (Global MR)	0.00	0.10	☐	Date & Type Unknown
8/1/1982	HI-AG	New Construction	0.00	0.00	☑	Date & X-Section Unknown

Network: Newport Municipal **Branch:** A01NE Apron 01 Newport **Section:** 05 **Surface:** AC
L.C.D. 8/2/1996 **Use:** APRON **Rank:** S **Length:** 131.00 (Ft) **Width:** 90.00 (Ft) **True Area:** 14424 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
8/2/2002	ST-SS	Surface Treatment - Slurry Seal	0.00	0.50	☐	
8/1/2002	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/2/1996	NC-AC	New Construction - AC	0.00	3.00	☑	
8/1/1996	BA-AG	Base Course - Aggregate	0.00	6.00	☐	

Network: Newport Municipal **Branch:** A01NE Apron 01 Newport **Section:** 06 **Surface:** AC
L.C.D. 8/1/1989 **Use:** APRON **Rank:** S **Length:** 76.00 (Ft) **Width:** 71.00 (Ft) **True Area:** 5288 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
8/2/2002	ST-SS	Surface Treatment - Slurry Seal	0.00	0.50	☐	ASSUMED DATE
8/1/2002	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/1/1989	NC-AC	New Construction - AC	0.00	0.00	☑	

Network: Newport Municipal **Branch:** A02NE Apron 02 Newport **Section:** 01 **Surface:** AC
L.C.D. 8/2/1996 **Use:** APRON **Rank:** S **Length:** 354.00 (Ft) **Width:** 197.00 (Ft) **True Area:** 70233 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2013	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
8/2/2002	ST-SS	Surface Treatment - Slurry Seal	0.00	0.50	☐	
8/1/2002	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/2/1996	NC-AC	New Construction - AC	0.00	3.00	☑	
8/1/1996	BA-AG	Base Course - Aggregate	0.00	6.00	☐	

Network: Newport Municipal **Branch:** AFEDEXNE FedEx Apron New **Section:** 01 **Surface:** AC
L.C.D. 6/1/2015 **Use:** APRON **Rank:** P **Length:** 120.00 (Ft) **Width:** 123.00 (Ft) **True Area:** 16407 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
6/1/2015	NC-IN	New Construction - Initial	0.00	0.00	☑	

Network: Newport Municipal **Branch:** AH16NE Hold Apron 16 Ne **Section:** 01 **Surface:**AC
L.C.D. 8/3/1987 **Use:** APRON **Rank:** P **Length:** 145.00 (Ft) **Width:** 75.00 (Ft) **True Area:** 10784 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2013	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
8/1/2000	SS-FS	Surface Seal - Fog Seal	0.00	0.10	☐	
8/3/1987	NC-AC	New Construction - AC	0.00	4.00	☑	
8/2/1987	BA-AG	Base Course - Aggregate	0.00	4.00	☐	
8/1/1987	SB-AG	Subbase - Aggregate	0.00	9.00	☐	

Network: Newport Municipal **Branch:** AH34NE Hold Apron 34 Ne **Section:** 01 **Surface:**AAC
L.C.D. 8/1/1994 **Use:** APRON **Rank:** P **Length:** 130.00 (Ft) **Width:** 60.00 (Ft) **True Area:** 6210 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
8/1/2002	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/1/1994	OL-AS	Overlay - AC Structural	0.00	3.00	☑	
8/3/1944	NC-AC	New Construction - AC	0.00	2.00	☑	
8/2/1944	BA-AG	Base Course - Aggregate	0.00	6.00	☐	
8/1/1944	SB-AG	Subbase - Aggregate	0.00	9.00	☐	

Network: Newport Municipal **Branch:** R02NE Runway 02/20 Ne **Section:** 01 **Surface:**AAC
L.C.D. 10/1/2014 **Use:** RUNWAY **Rank:** S **Length:** 256.00 (Ft) **Width:** 75.00 (Ft) **True Area:** 20214 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
10/1/2014	OL-AS	Overlay - AC Structural	0.00	5.00	☑	8-2" overlay
5/2/2005	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/2/2002	ST-SS	Surface Treatment - Slurry Seal	0.00	0.50	☐	ASSUMED DATE
8/1/2002	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/1/1984	OL-AS	Overlay - AC Structural	0.00	3.00	☑	
8/3/1944	NC-AC	New Construction - AC	0.00	2.00	☑	
8/2/1944	BA-AG	Base Course - Aggregate	0.00	6.00	☐	
8/1/1944	SB-AG	Subbase - Aggregate	0.00	9.00	☐	

Network: Newport Municipal **Branch:** R02NE Runway 02/20 Ne **Section:** 02 **Surface:**AAC
L.C.D. 10/1/2014 **Use:** RUNWAY **Rank:** S **Length:** 316.00 (Ft) **Width:** 75.00 (Ft) **True Area:** 23456 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
10/1/2014	OL-AS	Overlay - AC Structural	0.00	3.00	☑	5-2" AC overlay
8/1/2002	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/1/2002	ST-SS	Surface Treatment - Slurry Seal	0.00	0.50	☐	ASSUMED DATE
8/1/1994	OL-AS	Overlay - AC Structural	0.00	3.00	☑	
8/1/1984	ST-SS	Surface Treatment - Slurry Seal	0.00	0.50	☐	
8/3/1944	NC-AC	New Construction - AC	0.00	2.00	☑	
8/2/1944	BA-AG	Base Course - Aggregate	0.00	6.00	☐	
8/1/1944	SB-AG	Subbase - Aggregate	0.00	9.00	☐	

Network: Newport Municipal **Branch:** R02NE Runway 02/20 Ne **Section:** 03 **Surface:** AAC
L.C.D. 8/1/1994 **Use:** RUNWAY **Rank:** S **Length:** 2,332.00 (Ft) **Width:** 75.00 (Ft) **True Area:** 174900 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
8/1/2002	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/1/2002	ST-SS	Surface Treatment - Slurry Seal	0.00	0.50	☐	ASSUMED DATE
8/1/1994	OL-AS	Overlay - AC Structural	0.00	3.00	☑	
8/1/1984	ST-SS	Surface Treatment - Slurry Seal	0.00	0.50	☐	
8/3/1944	NC-AC	New Construction - AC	0.00	2.00	☑	
8/2/1944	BA-AG	Base Course - Aggregate	0.00	6.00	☐	
8/1/1944	SB-AG	Subbase - Aggregate	0.00	9.00	☐	

Network: Newport Municipal **Branch:** R16NE Runway 16/34 Ne **Section:** 01 **Surface:** AC
L.C.D. 10/3/2014 **Use:** RUNWAY **Rank:** P **Length:** 2,300.00 (Ft) **Width:** 100.00 (Ft) **True Area:** 230000 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
10/3/2014	CR-AC	Complete Reconstruction - AC	0.00	4.00	☑	P401
10/2/2014	BA-AG	Base Course - Aggregate	0.00	8.00	☐	P209
10/1/2014	SB-AG	Subbase - Aggregate	0.00	6.00	☐	Minimum 6" thickness

Network: Newport Municipal **Branch:** R16NE Runway 16/34 Ne **Section:** 02 **Surface:** AAC
L.C.D. 10/1/2014 **Use:** RUNWAY **Rank:** P **Length:** 850.00 (Ft) **Width:** 100.00 (Ft) **True Area:** 85000 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
10/1/2014	OL-AS	Overlay - AC Structural	0.00	7.00	☑	Thickness Varres, P401
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
5/2/2005	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/2/2002	ST-SS	Surface Treatment - Slurry Seal	0.00	0.50	☐	
8/1/2002	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/1/1999	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/1/1984	OL-AS	Overlay - AC Structural	0.00	3.00	☑	
8/3/1944	NC-AC	New Construction - AC	0.00	2.00	☑	
8/2/1944	BA-AG	Base Course - Aggregate	0.00	6.00	☐	
8/1/1944	SB-AG	Subbase - Aggregate	0.00	9.00	☐	

Network: Newport Municipal **Branch:** R16NE Runway 16/34 Ne **Section:** 03 **Surface:** AC
L.C.D. 10/3/2014 **Use:** RUNWAY **Rank:** P **Length:** 2,250.00 (Ft) **Width:** 100.00 (Ft) **True Area:** 225000 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
10/3/2014	CR-AC	Complete Reconstruction - AC	0.00	4.00	☑	P401
10/2/2014	BA-AG	Base Course - Aggregate	0.00	8.00	☐	P209
10/1/2014	SB-AG	Subbase - Aggregate	0.00	6.00	☐	Minimum 6" thickness

Network: Newport Municipal **Branch:** T01NE Taxiway 01 Newp **Section:** 01 **Surface:** AC
L.C.D. 8/1/1996 **Use:** TAXIWAY **Rank:** S **Length:** 450.00 (Ft) **Width:** 25.00 (Ft) **True Area:** 11521 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
8/1/1996	HI-AG	New Construction	0.00	0.00	☑	Date & X-Sect. UNK, guess c. 1996

Network: Newport Municipal **Branch:** T02NE Taxiway 02 Newp **Section:** 01 **Surface:** AC
L.C.D. 8/1/1992 **Use:** TAXIWAY **Rank:** S **Length:** 540.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 19110 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
5/2/2005	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/1/1992	HI-AG	New Construction	0.00	0.00	☑	Date & X-Sect. UNK, guess c. 1992

Network: Newport Municipal **Branch:** T02NE Taxiway 02 Newp **Section:** 02 **Surface:** AAC
L.C.D. 8/1/1994 **Use:** TAXIWAY **Rank:** S **Length:** 45.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 2262 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
5/2/2005	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/1/2002	ST-SS	Surface Treatment - Slurry Seal	0.00	0.50	☐	ASSUMED DATE
8/1/1994	OL-AT	Overlay - AC Thin	0.00	1.50	☑	0-3" AC Taper
8/1/1992	HI-AG	New Construction	0.00	0.00	☑	Date & X-Sect. UNK, guess c. 1992

Network: Newport Municipal **Branch:** T03NE Taxiway 03 Newp **Section:** 01 **Surface:** AC
L.C.D. 10/2/2001 **Use:** TAXIWAY **Rank:** S **Length:** 1,285.00 (Ft) **Width:** 25.00 (Ft) **True Area:** 45101 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
10/2/2001	NC-AC	New Construction - AC	0.00	3.00	☑	P-401
10/1/2001	BA-AG	Base Course - Aggregate	0.00	6.00	☐	P-209

Network: Newport Municipal **Branch:** TANE Taxiway A Newpo **Section:** 01 **Surface:** AC
L.C.D. 8/3/1987 **Use:** TAXIWAY **Rank:** P **Length:** 2,560.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 93459 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2013	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
8/1/2000	SS-FS	Surface Seal - Fog Seal	0.00	0.10	☐	
8/3/1987	NC-AC	New Construction - AC	0.00	3.00	☑	
8/2/1987	BA-AG	Base Course - Aggregate	0.00	4.00	☐	
8/1/1987	SB-AG	Subbase - Aggregate	0.00	9.00	☐	

Network: Newport Municipal **Branch:** TANE Taxiway A Newpo **Section:** 02 **Surface:** AC
L.C.D. 8/3/1987 **Use:** TAXIWAY **Rank:** P **Length:** 342.00 (Ft) **Width:** 60.00 (Ft) **True Area:** 21111 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2013	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
8/1/2000	SS-FS	Surface Seal - Fog Seal	0.00	0.10	☐	
8/3/1987	NC-AC	New Construction - AC	0.00	4.00	☑	
8/2/1987	BA-AG	Base Course - Aggregate	0.00	4.00	☐	
8/1/1987	SB-AG	Subbase - Aggregate	0.00	9.00	☐	

Network: Newport Municipal **Branch:** TANE Taxiway A Newpo **Section:** 03 **Surface:** AAC
L.C.D. 10/1/2014 **Use:** TAXIWAY **Rank:** P **Length:** 105.00 (Ft) **Width:** 55.00 (Ft) **True Area:** 7098 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
10/1/2014	OL-AS	Overlay - AC Structural	0.00	3.00	☑	5-2" AC
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
8/1/2000	SS-FS	Surface Seal - Fog Seal	0.00	0.10	☐	
8/3/1987	NC-AC	New Construction - AC	0.00	4.00	☑	
8/2/1987	BA-AG	Base Course - Aggregate	0.00	4.00	☐	
8/1/1987	SB-AG	Subbase - Aggregate	0.00	9.00	☐	

Network: Newport Municipal **Branch:** TANE Taxiway A Newpo **Section:** 04 **Surface:** AC
L.C.D. 10/3/2014 **Use:** TAXIWAY **Rank:** P **Length:** 95.00 (Ft) **Width:** 55.00 (Ft) **True Area:** 6025 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
10/3/2014	CR-AC	Complete Reconstruction - AC	0.00	4.00	☑	P401
10/2/2014	BA-AG	Base Course - Aggregate	0.00	8.00	☐	P209
10/1/2014	SB-AG	Subbase - Aggregate	0.00	6.00	☐	Minimum 6" thickness

Network: Newport Municipal **Branch:** TBNE Taxiway B Newpo **Section:** 01 **Surface:** AC
L.C.D. 8/3/1987 **Use:** TAXIWAY **Rank:** P **Length:** 48.00 (Ft) **Width:** 60.00 (Ft) **True Area:** 2892 (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	☐	
8/1/2002	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/1/2000	SS-FS	Surface Seal - Fog Seal	0.00	0.10	☐	
8/3/1987	NC-AC	New Construction - AC	0.00	4.00	☑	
8/2/1987	BA-AG	Base Course - Aggregate	0.00	4.00	☐	
8/1/1987	SB-AG	Subbase - Aggregate	0.00	9.00	☐	

Network: Newport Municipal **Branch:** TBNE Taxiway B Newpo **Section:** 02 **Surface:** AAC
L.C.D. 10/1/2014 **Use:** TAXIWAY **Rank:** P **Length:** 169.00 (Ft) **Width:** 60.00 (Ft) **True Area:** 10128 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
10/1/2014	OL-AS	Overlay - AC Structural	0.00	3.00	☑	P401
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
8/1/2002	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/1/2000	SS-FS	Surface Seal - Fog Seal	0.00	0.10	☐	
8/3/1987	NC-AC	New Construction - AC	0.00	4.00	☑	
8/2/1987	BA-AG	Base Course - Aggregate	0.00	4.00	☐	
8/1/1987	SB-AG	Subbase - Aggregate	0.00	9.00	☐	

Network: Newport Municipal **Branch:** TBNE Taxiway B Newpo **Section:** 03 **Surface:** AC
L.C.D. 10/3/2014 **Use:** TAXIWAY **Rank:** P **Length:** 110.00 (Ft) **Width:** 60.00 (Ft) **True Area:** 6697 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
10/3/2014	CR-AC	Complete Reconstruction - AC	0.00	4.00	☑	P401
10/2/2014	BA-AG	Base Course - Aggregate	0.00	8.00	☐	P209
10/1/2014	SB-AG	Subbase - Aggregate	0.00	6.00	☐	6" minimum thickness

Network: Newport Municipal **Branch:** TCNE Taxiway C Newpo **Section:** 01 **Surface:**AAC
L.C.D. 10/1/2014 **Use:** TAXIWAY **Rank:** P **Length:** 142.50 (Ft) **Width:** 35.00 (Ft) **True Area:** 5526 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
10/1/2014	OL-AS	Overlay - AC Structural	0.00	4.00	☑	6-2" Overlay
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
8/1/2000	SS-FS	Surface Seal - Fog Seal	0.00	0.10	☐	
8/3/1987	NC-AC	New Construction - AC	0.00	3.00	☑	
8/2/1987	BA-AG	Base Course - Aggregate	0.00	4.00	☐	
8/1/1987	SB-AG	Subbase - Aggregate	0.00	9.00	☐	

Network: Newport Municipal **Branch:** TCNE Taxiway C Newpo **Section:** 02 **Surface:**AC
L.C.D. 10/3/2014 **Use:** TAXIWAY **Rank:** P **Length:** 75.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 2654 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
10/3/2014	CR-AC	Complete Reconstruction - AC	0.00	4.00	☑	P401
10/2/2014	BA-AG	Base Course - Aggregate	0.00	8.00	☐	P209
10/1/2014	SB-AG	Subbase - Aggregate	0.00	6.00	☐	Minimum 6" thickness

Network: Newport Municipal **Branch:** TCNE Taxiway C Newpo **Section:** 03 **Surface:**AC
L.C.D. 10/3/2014 **Use:** TAXIWAY **Rank:** P **Length:** 350.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 15501 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
10/3/2014	CR-AC	Complete Reconstruction - AC	0.00	4.00	☑	P401
10/2/2014	BA-AG	Base Course - Aggregate	0.00	8.00	☐	P209
10/1/2014	SB-AG	Subbase - Aggregate	0.00	6.00	☐	Minimum 6" thickness

Network: Newport Municipal **Branch:** TCNE Taxiway C Newpo **Section:** 04 **Surface:**AAC
L.C.D. 9/1/1994 **Use:** TAXIWAY **Rank:** P **Length:** 475.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 29728 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
5/2/2005	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/1/2000	SS-FS	Surface Seal - Fog Seal	0.00	0.10	☐	
9/1/1994	OL-AS	Overlay - AC Structural	0.00	3.00	☑	
8/3/1944	NC-AC	New Construction - AC	0.00	2.00	☑	
8/2/1944	BA-AG	Base Course - Aggregate	0.00	6.00	☐	
8/1/1944	SB-AG	Subbase - Aggregate	0.00	9.00	☐	

Network: Newport Municipal **Branch:** TDNE Taxiway D Newpo **Section:** 01 **Surface:** AC
L.C.D. 8/3/1984 **Use:** TAXIWAY **Rank:** P **Length:** 410.00 (Ft) **Width:** 35.00 (Ft) **True Area:** 14543 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2013	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
5/2/2005	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/1/2002	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/1/2000	SS-FS	Surface Seal - Fog Seal	0.00	0.10	☐	
8/3/1984	NC-AC	New Construction - AC	0.00	2.00	☑	
8/2/1984	BA-AG	Base Course - Aggregate	0.00	4.00	☐	
8/1/1984	SB-AG	Subbase - Aggregate	0.00	4.00	☐	

Network: Newport Municipal **Branch:** TENE Taxiway E Newpor **Section:** 01 **Surface:** AC
L.C.D. 10/3/2014 **Use:** TAXIWAY **Rank:** P **Length:** 80.00 (Ft) **Width:** 60.00 (Ft) **True Area:** 5403 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
10/3/2014	CR-AC	Complete Reconstruction - AC	0.00	4.00	☑	P401
10/2/2014	BA-AG	Base Course - Aggregate	0.00	8.00	☐	P209
10/1/2014	SB-AG	Subbase - Aggregate	0.00	6.00	☐	Minimum 6" thickness

Network: Newport Municipal **Branch:** TENE Taxiway E Newpor **Section:** 02 **Surface:** AAC
L.C.D. 10/1/2014 **Use:** TAXIWAY **Rank:** P **Length:** 105.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 5788 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
10/1/2014	OL-AS	Overlay - AC Structural	0.00	4.00	☑	6-2" AC Overlay
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
8/2/2002	ST-SS	Surface Treatment - Slurry Seal	0.00	0.50	☐	ASSUMED DATE
8/1/2002	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/1/1994	OL-AS	Overlay - AC Structural	0.00	3.00	☑	
8/3/1944	NC-AC	New Construction - AC	0.00	2.00	☑	
8/2/1944	BA-AG	Base Course - Aggregate	0.00	6.00	☐	
8/1/1944	SB-AG	Subbase - Aggregate	0.00	9.00	☐	

Network: Newport Municipal **Branch:** TENE Taxiway E Newpor **Section:** 03 **Surface:** AAC
L.C.D. 8/1/1994 **Use:** TAXIWAY **Rank:** P **Length:** 2,200.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 110428 (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	☐	
8/2/2002	ST-SS	Surface Treatment - Slurry Seal	0.00	0.50	☐	ASSUMED DATE
8/1/2002	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/1/1994	OL-AS	Overlay - AC Structural	0.00	3.00	☑	
8/3/1944	NC-AC	New Construction - AC	0.00	2.00	☑	
8/2/1944	BA-AG	Base Course - Aggregate	0.00	6.00	☐	
8/1/1944	SB-AG	Subbase - Aggregate	0.00	9.00	☐	

Network: Newport Municipal **Branch:** TENE Taxiway E Newpor **Section:** 04 **Surface:** AAC
L.C.D. 8/1/1984 **Use:** TAXIWAY **Rank:** P **Length:** 812.00 (Ft) **Width:** 50.00 (Ft) **True Area:** 40625 (SqFt)

Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2009	CS-AC	Crack Sealing - AC	0.00	0.00	☐	
5/2/2005	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/2/2002	ST-SS	Surface Treatment - Slurry Seal	0.00	0.50	☐	
8/1/2002	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/1/1999	CS-AC	Crack Sealing - AC	0.00	0.10	☐	
8/1/1984	OL-AS	Overlay - AC Structural	0.00	3.00	☑	
8/3/1944	NC-AC	New Construction - AC	0.00	2.00	☑	
8/2/1944	BA-AG	Base Course - Aggregate	0.00	6.00	☐	
8/1/1944	SB-AG	Subbase - Aggregate	0.00	9.00	☐	

Summary:

Work Description	Section Count	Area Total (SqFt)	Thickness Avg (in)	Thickness STD (in)
Base Course - Aggregate	30	1,442,371.01	5.87	1.45
Complete Reconstruction - AC	7	491,280.00	4.00	0.00
Crack Sealing - AC	59	2,261,983.02	0.05	0.05
New Construction	4	39,054.00	0.00	0.00
New Construction - AC	24	956,379.01	2.62	0.99
New Construction - Initial	1	16,407.00	0.00	0.00
Overlay - AC Structural	17	669,439.00	3.47	1.04
Overlay - AC Thin	1	2,262.00	1.50	0.00
Subbase - Aggregate	27	1,312,613.01	7.70	1.76
Surface Seal - Fog Seal	9	195,269.00	0.10	0.00
Surface Treatment - Seal Coat (Global MR)	1	6,161.00	0.10	0.00
Surface Treatment - Slurry Seal	16	910,417.01	0.50	0.00