2022 ODA Pavement Evaluation Program Madras Municipal Airport

Madras, Oregon

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Prepared for

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1 **OVERVIEW**

GRI assisted with updating the Oregon Department of Aviation (ODA) airport pavement management system and developing a five-year plan for global maintenance and rehabilitation (M&R) and preservation work for the Madras Municipal Airport (Madras Airport) in Madras, Oregon. This project was implemented as a part of the ODA 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 Madras Airport in 2022 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

Madras Airport is located in Madras, Oregon, and is owned and operated by the City of Madras. The airport consists of one runway that serves a variety of general aviation aircraft as well as limited air taxi and wildland firefighting aircraft. The general location of the airport is shown on the Madras Airport Location Map, Figure 2.1.



Figure 2.1 - MADRAS AIRPORT LOCATION MAP



Madras Airport contains two runways, one primary parallel taxiway, and multiple connector taxiways, taxilanes, and aprons. The types of airside pavements include asphalt concrete (AC), AC overlaid with AC (AAC), portland cement concrete (PCC), and AC over PCC (APC). The airport pavements, delineated by surface type and branch use, are shown on the Madras Airport Percent of Pavement Area by Surface Type, Figure 2.2 and Madras Airport Pavement Area by Branch Use, Figure 2.3. The pavement inventory, including work history for each pavement section, is displayed spatially on the Madras 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, Appendix F.

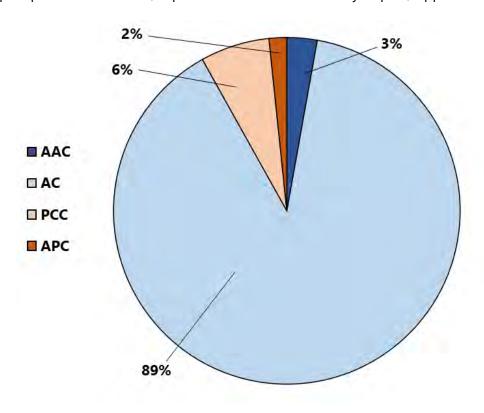


Figure 2.2 - MADRAS AIRPORT PERCENT OF PAVEMENT AREA BY SURFACE TYPE



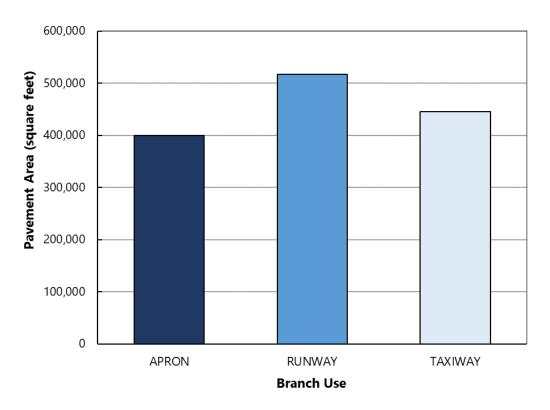
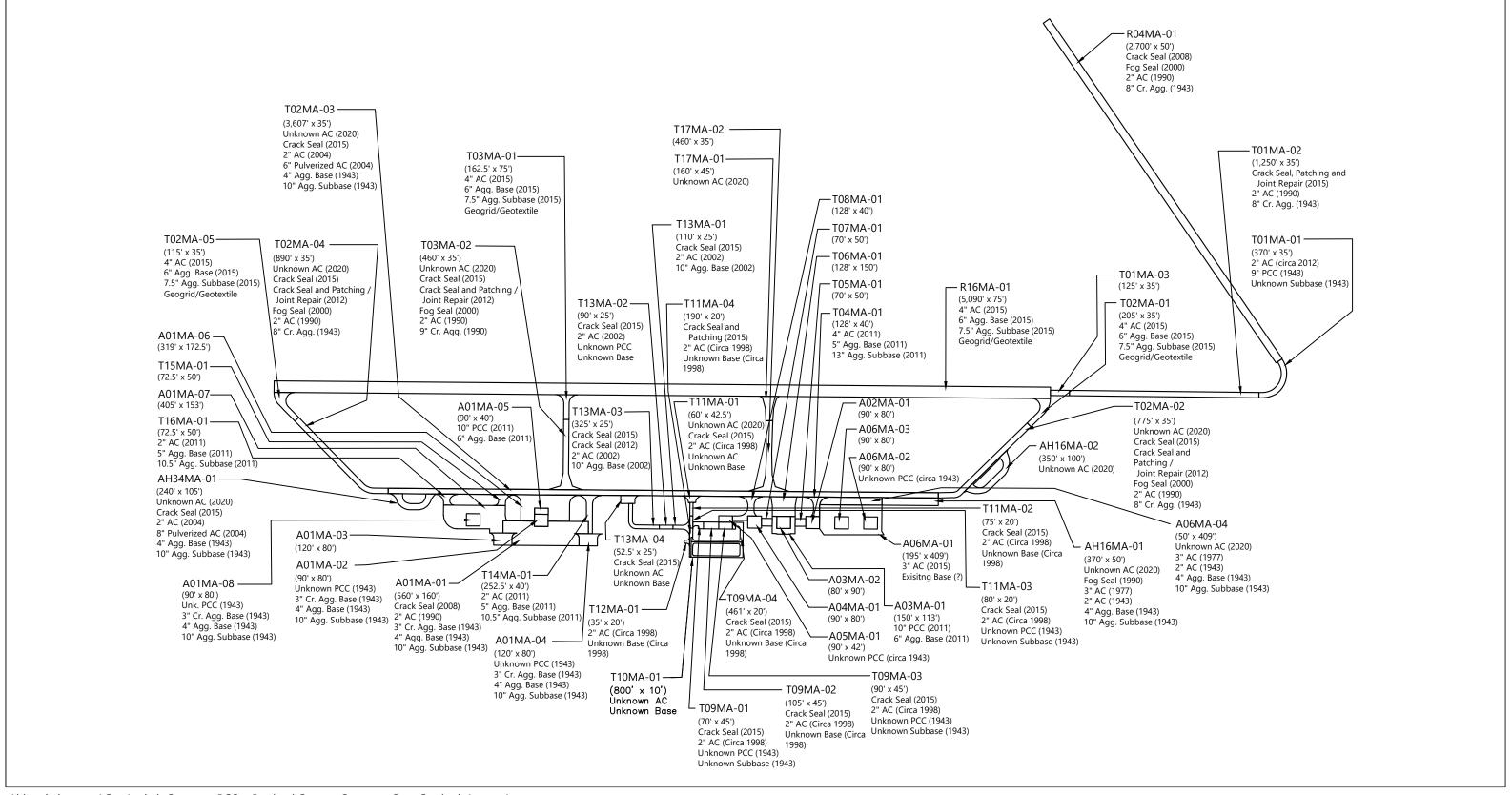
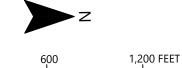


Figure 2.3 – MADRAS AIRPORT PAVEMENT AREA BY BRANCH USE



Abbreviations: AC = Asphalt Concrete; PCC = Portland Cement Concrete; Cr. = Crushed; Agg. = Aggregate





MADRAS AIRPORT PAVEMENT INVENTORY

DEC. 2022 JOB NO. 6593-B FIG. 2.4



3 PAVEMENT CONDITION INSPECTION RESULTS

3.1 Introduction

GRI conducted a visual PCI survey of the airside pavements at Madras Airport in March 2022. The 2022 survey work was performed on sections last inspected in 2017 in order to update the Madras Airport inspection data. GRI performed the 2022 PCI survey in accordance with the methods described in FAA Advisory Circular 150/5380-6C and ASTM D5340 and further discussed in Appendix B of this report.

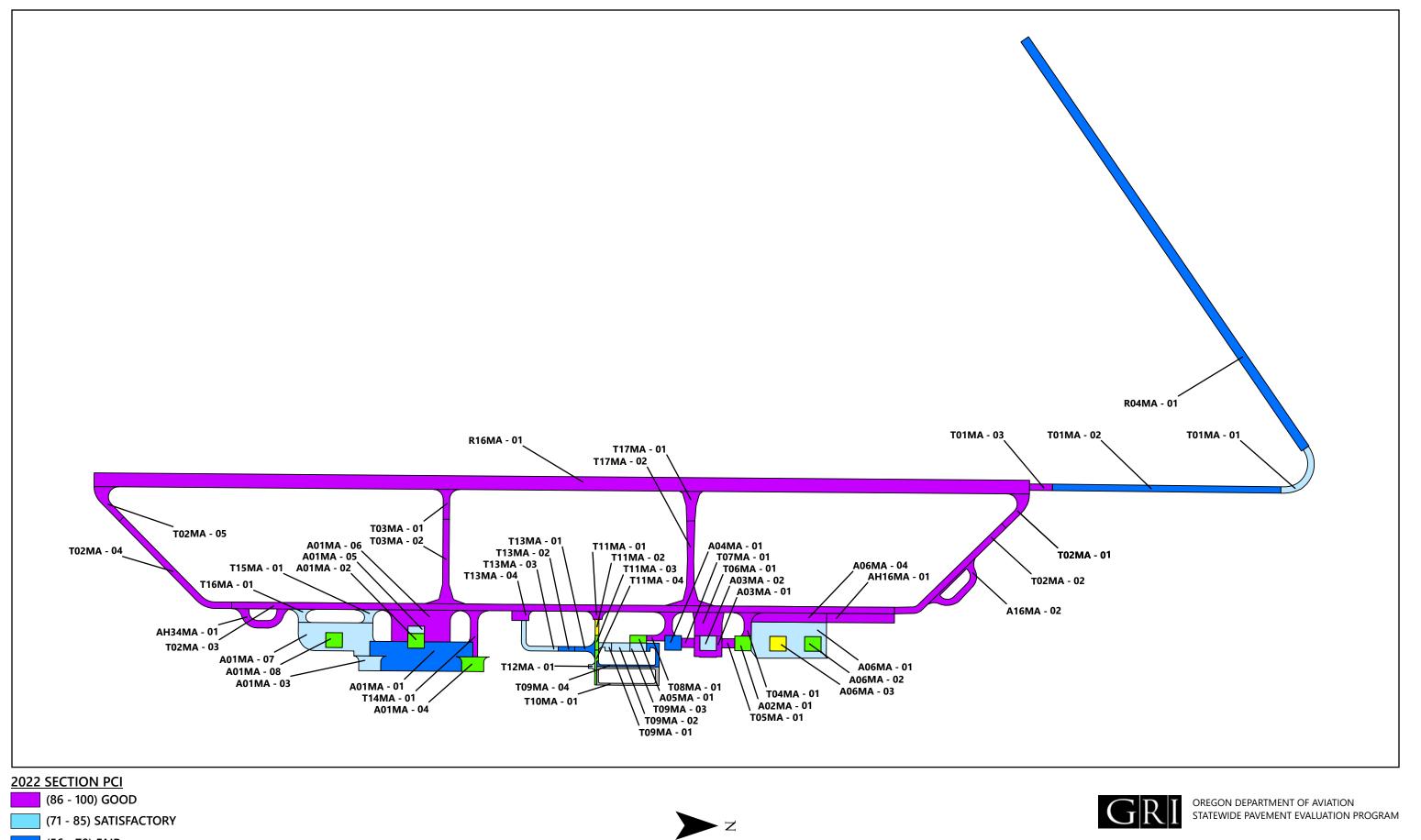
The PCI is based on the type, severity, and quantity of each distress found in an inspected sample unit. Further discussion of distress types for flexible and rigid pavement is provided in Appendix B and summarized in Table 1B.. The results of the PCI survey are displayed using a seven-category rating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

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

Table 3-1: ASTM PCI RATING SCALE

3.2 Pavement Condition Index Survey Results

The area-weighted average PCI for all airport pavements at Madras Airport is approximately 83. The section PCIs ranged from a low of 19 to a high of 100. The primary distresses observed during the inspection were weathering, longitudinal and transverse cracking, fatigue (alligator) cracking, joint reflective cracking and patching on AC-surfaced pavements, and spalling, shrinkage cracking, linear cracking and joint seal damage on PCC pavements. Section PCIs following our pavement survey are displayed below spatially on the 2022 PCI Survey Results, Figure 3.1.





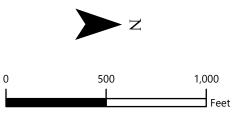




FIG. 3.1 DEC. 2022 JOB NO. 6593-B



The condition distribution of the network by the percent of total pavement area is provided on the Madras Airport Pavement Condition Rating by Percent of Area, Figure 3.2. A summary of the pavement condition results by branch and section are included in Tables 2B and 3B of Appendix B, respectively. A comparison between the previous inspection and the 2022 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.

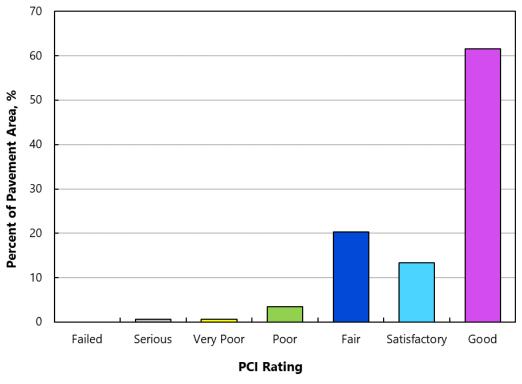


Figure 3.2 - MADRAS AIRPORT PAVEMENT CONDITION RATING BY PERCENT OF AREA

4 FUTURE PAVEMENT CONDITION ANALYSIS

4.1 Introduction

In addition to assessing the current condition of a pavement, it is very important from a planning standpoint to be able to predict with reasonable accuracy the future condition. Additional details regarding our future pavement condition analysis, including pavement condition prediction models, are provided in Appendix C. PCI performance curves developed for Madras Airport are displayed on Figures 1C through 5C 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 83 to a value of 71 in the year 2027



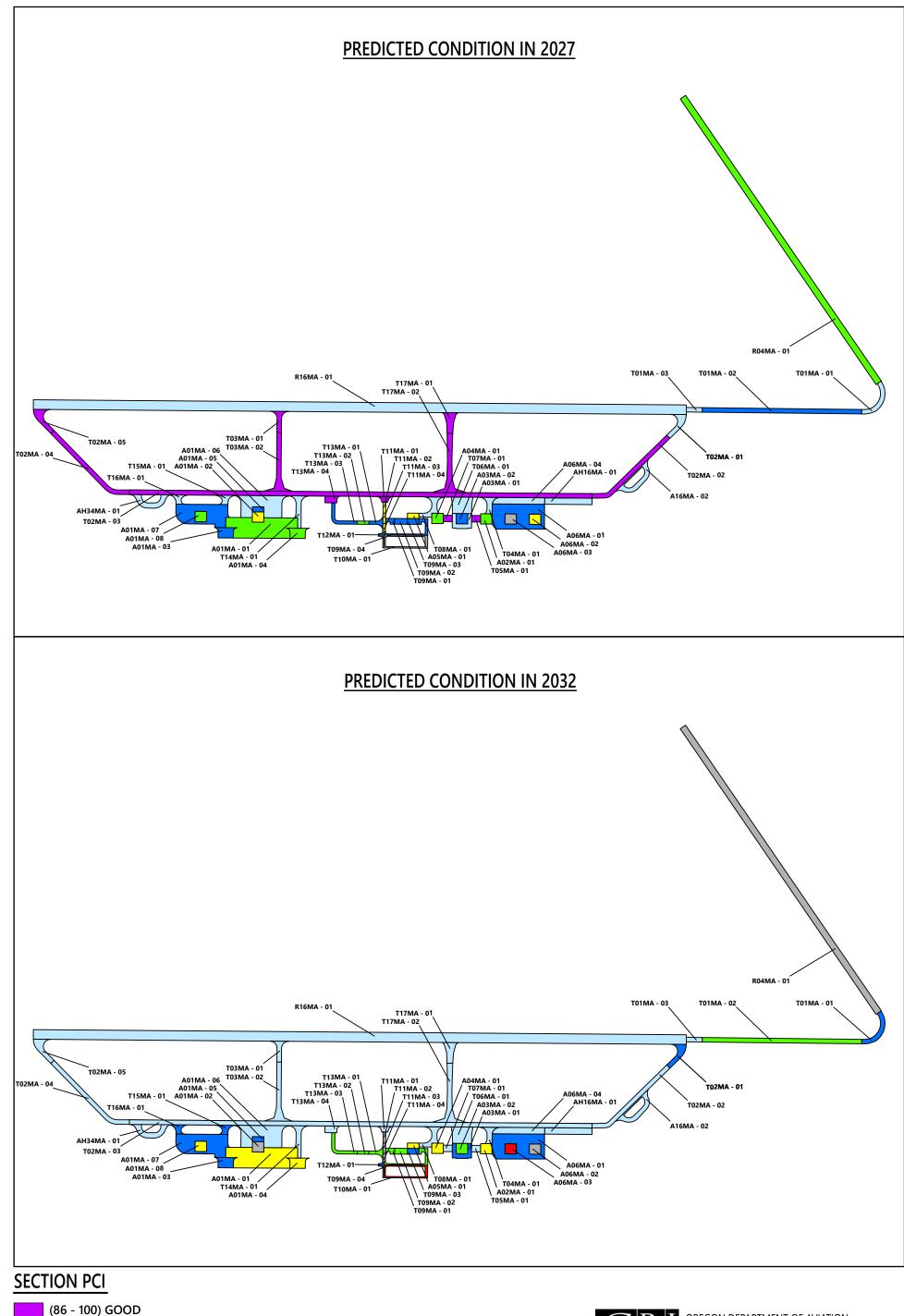
and 62 in year the 2032 if no maintenance or rehabilitation work is performed. The projected pavement condition in 5 years and 10 years for each pavement section at Madras Airport is displayed spatially on the Future Pavement Condition, Figure 4.1 and listed in Table 1C in Appendix C, along with the past and present PCI values for the pavement network.

4.3 Functional Remaining Life

The 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 and typically a field exploration and testing program that includes core explorations and falling weight deflectometer deflection tests.

We calculated two forms of functional remaining life based on the current visual condition surveys of the pavement at Madras 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 Madras Airport are summarized in Table 2C in Appendix C.



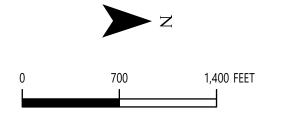
(86 - 100) GOOD

(71 - 85) SATISFACTORY

(56 - 70) FAIR (41 - 55) POOR

(26 - 40) VERY POOR

(11 - 25) SERIOUS (0 - 10) FAILED





FUTURE PAVEMENT CONDITION
MADRAS AIRPORT

FIG. 4.1

DEC. 2022 JOB NO. 6593-B



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, global maintenance, and rehabilitation needs. Details of our M&R work priority and unit costs for work activities are provided in Tables 1D and 2D, respectively, in Appendix D.

Based on the 2022 PCI-survey results, on the Madras Airport Pavement Network General Treatment Type Distribution Based on PCI, Figure 5.1 displays a breakdown of the Madras Airport network pavement condition by percent of area and general M&R treatment categories. Approximately 75%, 24%, and 1% of the area require preservation treatments, rehabilitation, and reconstruction, respectively.

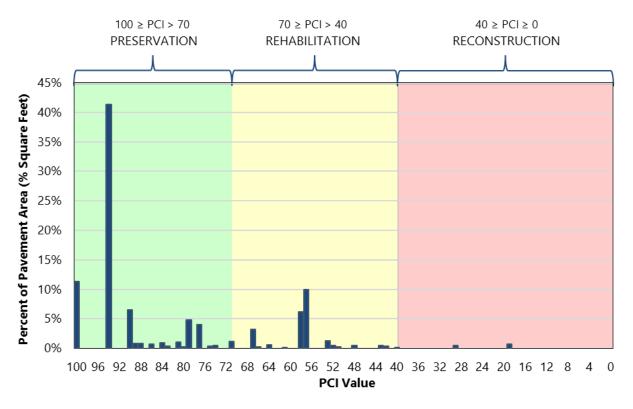


Figure 5.1 – MADRAS AIRPORT PAVEMENT NETWORK GENERAL TREATMENT TYPE DISTRIBUTION BASED ON PCI

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 global maintenance and rehabilitation projects associated with the five-year global



maintenance and rehabilitation work plan. A summary of the approximate total localized maintenance quantities is provided in Table 5-1 below.

Table 5-1: LOCALIZED MAINTENANCE QUANTITIES

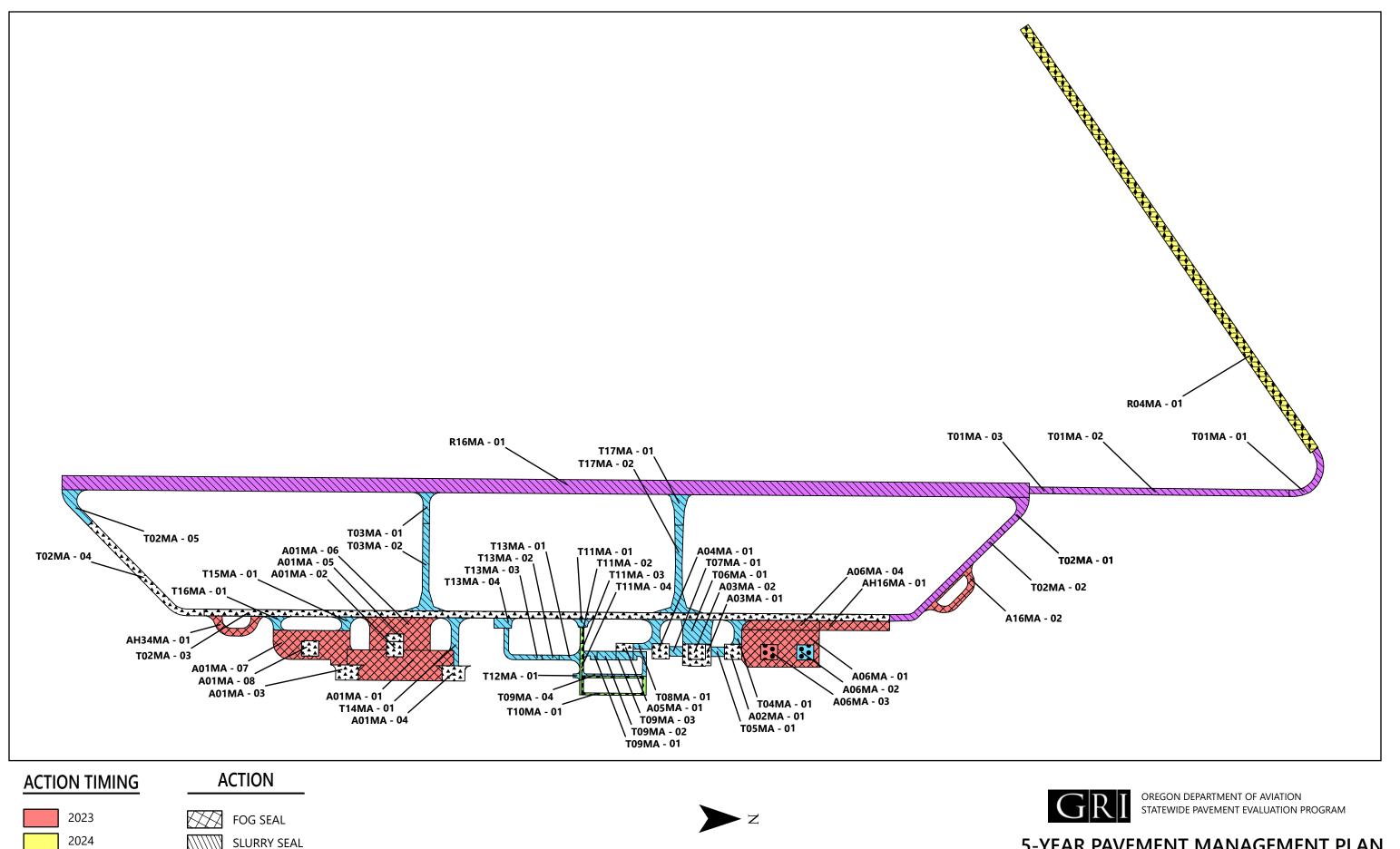
Localized Maintenance Operation	Approximate Quantity
Asphalt Concrete Crack Sealing	24,678 linear feet
Asphalt Concrete Wide Crack Sealing	108 linear feet
Portland Cement Concrete Crack Sealing	1,267 linear feet
Joint Sealing	4,103 linear feet
Asphalt Concrete Full-Depth Patching	2,981 square feet
Portland Cement Concrete Partial Depth Patching	546 square feet
Portland Cement Concrete Full Depth Patching	193 square feet

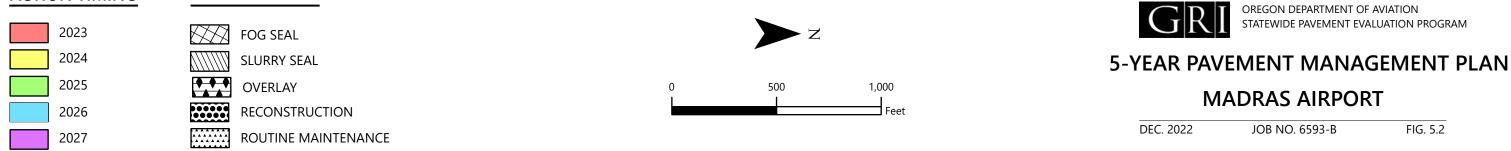
5.3 Global Maintenance and Rehabilitation Plan

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 global M&R projects. We then reviewed the project list and refined it into practical construction projects for each year. A summary of global M&R quantities is provided in Table 5-2 below, and maps of the project locations by year are shown on the 5-year Pavement Management Plan Madras Airport, Figure 5.2. The complete list of recommended global M&R projects is presented in Table 4D in Appendix D.

Table 5-2: GLOBAL MAINTENANCE AND REHABILITATION QUANTITIES

Global Maintenance or Rehabilitation Operation	Quantity, square feet
Reconstruction	29,356
Overlay	134,997
Fog Seal	311,791
Slurry Seal	658,157







6 LIMITATIONS

This report has been prepared to assist the ODA with pavement-related project planning for the Madras 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 ODA, estimated costs, and an understanding of the pavement conditions based solely on visual assessment. The global maintenance and rehabilitation 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 herein. 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 Madras Airport would like to know more about the results presented in this report, please contact the undersigned.

Submitted for GRI,

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RENEWS: 06/2023

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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

Madras Municipal Airport (Madras Airport) is located in Madras, Oregon, and is owned and operated by the City of Madras. The pavement network/facilities at Madras Airport serve a variety of general aviation aircraft as well as limited air taxi and wildland firefighting aircraft. Madras Airport consists of two runways, one primary parallel taxiway, and multiple connector taxiways, taxilanes, and aprons. The types of airside pavements include asphalt concrete (AC), AC overlaid with AC (AAC), portland cement concrete (PCC), and AC over PCC (APC).

The current airport pavement management system (APMS) network at Madras Airport has an approximate area of 1.36 million 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 a pavement system and has a distinct function. For airports, branches typically consist of individual runways, taxiways, and aprons. The current pavement network for Madras Airport contains 27 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 Madras Airport contains 56 sections which are managed by the City of Madras, which are tabulated in Table 2A and shown spatially on Figure 1A.

PAVER assigns a rank, which designates that pavement's prioritization in receiving maintenance and repair. The highest use or priority pavements, such as runways, taxiways, and terminal aprons, are ranked *Primary*, while the surrounding aprons and shoulders are



ranked *Secondary* and low-use areas are ranked *Tertiary*. The ranks for all sections are shown on Table 2A.

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

A.4 SAMPLE UNIT DELINEATION

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

$$n = \frac{N \times s^2}{\left(e^2/4\right)(N-1)+s^2}$$
 (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 2022 Madras Airport PCI survey, Table 3A was used as a guideline in developing sampling rates for flexible and rigid pavement that reflect similar rates used for other large airport pavement networks. In general, this sampling rate distribution provides a 92% confidence level with a standard error of eight PCI points.

Sample unit locations at Madras 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 - MADRAS AIRPORT PAVEMENT BRANCHES

Facility Designation	Table TA - MADRAS AIRPORT P	AVENIENT DIVARCEILS	Approximate Area,
(Branch ID)	Branch Name	Number of Sections	square feet
A01MA	Apron 01 Madras	8	217,755
A02MA	Apron 02 Madras	1	7,200
A03MA	Apron 03 Madras	2	17,265
A04MA	Apron 04 Madras	1	7,200
A05MA	Apron 05 Madras	1	3,808
A06MA	Apron 06 Madras	4	99,289
AH16MA	Hold Apron 16 Madras	2	33,992
AH34MA	Hold Apron 34 Madras	1	13,127
R04MA	Runway 04/22 Madras	1	134,997
R16MA	Runway 16/34 Madras	1	381,750
T01MA	Taxiway 01 Madras	3	59,892
T02MA	Taxiway 02 Madras	5	202,245
T03MA	Taxiway 03 Madras	2	27,636
T04MA	Taxiway 04 Madras	1	6,892
T05MA	Taxiway 05 Madras	1	3,500
T06MA	Taxiway 06 Madras	1	19,816
T07MA	Taxiway 07 Madras	1	3,500
T08MA	Taxiway 08 Madras	1	10,660
T09MA	Taxiway 09 Madras	4	19,115
T10MA	Taxiway 10 Madras	1	9,313
T11MA	Taxiway 11 Madras	4	8,504
T12MA	Taxiway 12 Madras	1	872
T13MA	Taxiway 13 Madras	4	19,276
T14MA	Taxiway 14 Madras	1	10,702
T15MA	Taxiway 15 Madras	1	4,815
T16MA	Taxiway 16 Madras	1	4,463
T17MA	Taxiway 17 Madras	2	34,085



Table 2A - MADRAS AIRPORT CURRENT PAVEMENT INVENTORY

BranchID	Branch Name	Branch Use	SectionID	From	То	Rank	Length, feet	Width, feet	Approximate Area, square feet	LCD ¹	Surface Type
A01MA	Apron 01 Madras	APRON	01	T02, T04	Hangars	Р	560	160	76,461	8/1/1990	AC
A01MA	Apron 01 Madras	APRON	02	A01-01	A01-01	Р	90	80	7,200	9/4/1943	PCC
A01MA	Apron 01 Madras	APRON	03	A01-01	HANGAR	Р	120	80	9,986	9/4/1943	PCC
A01MA	Apron 01 Madras	APRON	04	A01-01	HANGAR	Р	120	80	9,986	9/4/1943	PCC
A01MA	Apron 01 Madras	APRON	05	Section 02	Taxiway 02	Р	90	40	3,600	9/2/2011	PCC
A01MA	Apron 01 Madras	APRON	06	See Map		Р	319	173	48,610	9/2/2011	AC
A01MA	Apron 01 Madras	APRON	07	See Map		Р	405	153	54,712	9/3/2011	AC
A01MA	Apron 01 Madras	APRON	08	Concrete Pad	See Map	Р	90	80	7,200	9/4/1943	PCC
A02MA	Apron 02 Madras	APRON	01	T04	T05	Р	90	80	7,200	9/1/1943	PCC
A03MA	Apron 03 Madras	APRON	01	North	Edge	Р	150	113	10,065	9/2/2011	PCC
A03MA	Apron 03 Madras	APRON	02	T06MA	East End	Р	80	90	7,200	9/1/1943	PCC
A04MA	Apron 04 Madras	APRON	01	T07	T08	Р	90	80	7,200	9/1/1943	PCC
A05MA	Apron 05 Madras	APRON	01	T08	T09	S	90	42	3,808	9/1/1943	PCC
A06MA	Apron 06 Madras	APRON	01	Hangar	End	Р	195	409	65,066	9/1/2015	AC
A06MA	Apron 06 Madras	APRON	02	See Map		Р	80	90	7,200	1/1/1943	PCC
A06MA	Apron 06 Madras	APRON	03	See Map		Р	80	90	7,200	1/1/1943	PCC
A06MA	Apron 06 Madras	APRON	04	T01MA	A06MA-01	P	50	409	19,823	9/1/1977	AAC
AH16MA	Hold Apron 16 Madras	APRON	01	T03-02	EDGE	P	370	50	18,550	9/1/1977	AAC
AH16MA	Hold Apron 16 Madras	APRON	02	T02MA-02	End	P	350	100	15,442	7/1/2020	AC
AH34MA	Hold Apron 34 Madras	APRON	01	T03-02	EDGE	P	240	40	13,127	9/2/2004	AC
R04MA	Runway 04/22 Madras	RUNWAY	01	R03 END	AO2-01	S	2,700	50	134,997	8/1/1990	AC
R16MA	Runway 16/34 Madras	RUNWAY	01	T01-01	R34 END	Р	5,090	75	381,750	5/18/2015	AC
T01MA	Taxiway 01 Madras	TAXIWAY	01	R22 End	T01MA-02	S	370	35	12,036	9/1/2012	APC
T01MA	Taxiway 01 Madras	TAXIWAY	02	T01MA-01 (old PCC)	R16 End	S	1,250	35	43,481	8/1/1990	AC
T01MA	Taxiway 01 Madras	TAXIWAY	03	T01MA-02	R16 End	S	125	35	4,375	5/18/2015	AC
T02MA	Taxiway 02 Madras	TAXIWAY	01	R16 End	T02MA-02	P	205	35	10,072	5/18/2015	AC
T02MA T02MA	Taxiway 02 Madras	TAXIWAY	02 03	Section 01 T03-01	T03-02 T03-03	P P	775 3,607	35 35	27,340	7/1/2020	AC AC
T02MA	Taxiway 02 Madras Taxiway 02 Madras	TAXIWAY TAXIWAY	03	Section 03	Section 05	P	650	35	126,238 27,685	7/1/2020 7/1/2020	AC
T02MA	Taxiway 02 Madras	TAXIWAY	05	Section 04	R34 End	P	215	35	10,910	5/18/2015	AC
T03MA	Taxiway 02 Madras	TAXIWAY	01	R16-34	Section 02	P	163	35	6,986	5/18/2015	AC
T03MA	Taxiway 03 Madras	TAXIWAY	02	Section 01	T02MA	P	460	35	20,650	7/1/2020	AC
T04MA	Taxiway 04 Madras	TAXIWAY	01	T02	A03	P	128	40	6,892	9/3/2011	AC
T05MA	Taxiway 05 Madras	TAXIWAY	01	A03	A04	P	70	50	3,500	9/3/2011	AC
T06MA	Taxiway 06 Madras	TAXIWAY	01	T02	A04	P	128	150	19,816	9/3/2011	AC
T07MA	Taxiway 07 Madras	TAXIWAY	01	A04	A05	P	70	50	3,500	9/3/2011	AC
T08MA	Taxiway 08 Madras	TAXIWAY	01	T02	A04	P	128	40	10,660	9/3/2011	AC
T09MA	Taxiway 09 Madras	TAXIWAY	01	T11	T09-02	S	70	45	2,535	9/1/1998	APC
T09MA	Taxiway 09 Madras	TAXIWAY	02	T09-01	T09-03	S	105	45	4,725	9/2/1998	AC
T09MA	Taxiway 09 Madras	TAXIWAY	03	T09-02	T09-04	S	90	45	4,050	9/1/1998	APC
T09MA	Taxiway 09 Madras	TAXIWAY	04	T09-03	T11-01	S	461	20	7,805	9/2/1998	AC
T10MA	Taxiway 10 Madras	TAXIWAY	01	T09-04	T11-04	S	800	10	9,313	9/2/1943	AC
T11MA	Taxiway 11 Madras	TAXIWAY	01	T02	T11-02	S	60	43	2,861	7/1/2020	AC



Table 2A - MADRAS AIRPORT CURRENT PAVEMENT INVENTORY

									Approximate Area, square		
BranchID	Branch Name	Branch Use	SectionID	From	То	Rank	Length, feet	Width, feet	feet	LCD ¹	Surface Type
T11MA	Taxiway 11 Madras	TAXIWAY	02	T11-01	T11-03	S	75	20	1,543	9/2/1998	AC
T11MA	Taxiway 11 Madras	TAXIWAY	03	T11-02	T11-04	S	80	20	1,600	9/1/1998	APC
T11MA	Taxiway 11 Madras	TAXIWAY	04	T11-03	End	S	190	20	2,500	9/2/1998	AC
T12MA	Taxiway 12 Madras	TAXIWAY	01	T05-04	End	S	35	20	872	9/2/1998	AC
T13MA	Taxiway 13 Madras	TAXIWAY	01	T02MA	T13MA-02	S	110	25	3,823	6/1/2002	AC
T13MA	Taxiway 13 Madras	TAXIWAY	02	T13MA-01	T13MA-03	S	90	25	2,250	6/1/2002	APC
T13MA	Taxiway 13 Madras	TAXIWAY	03	T13MA-02	T13MA-04	S	325	25	8,122	6/2/2002	AC
T13MA	Taxiway 13 Madras	TAXIWAY	04	T13MA-03	T11MA	S	53	95	5,081	1/1/1901	AC
T14MA	Taxiway 14 Madras	TAXIWAY	01	T02	A01	Р	253	40	10,702	9/3/2011	AC
T15MA	Taxiway 15 Madras	TAXIWAY	01	T02	A01	Р	73	50	4,815	9/3/2011	AC
T16MA	Taxiway 16 Madras	TAXIWAY	01	T02	A01	Р	73	50	4,463	9/3/2011	AC
T17MA	Taxiway 17 Madras	TAXIWAY	01	R16MA-01	T17MA-02	Р	160	45	10,265	7/1/2020	AC
T17MA	Taxiway 17 Madras	TAXIWAY	02	T17MA-01	T02MA-03	Р	460	35	23,820	7/1/2020	AC

Abbreviations:

P = Primary pavement, S = Secondary pavement, AC = Asphalt Concrete, AAC = AC overlaid AC, APC = AC over PCC, PCC = Portland Cement Concrete

Notes

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





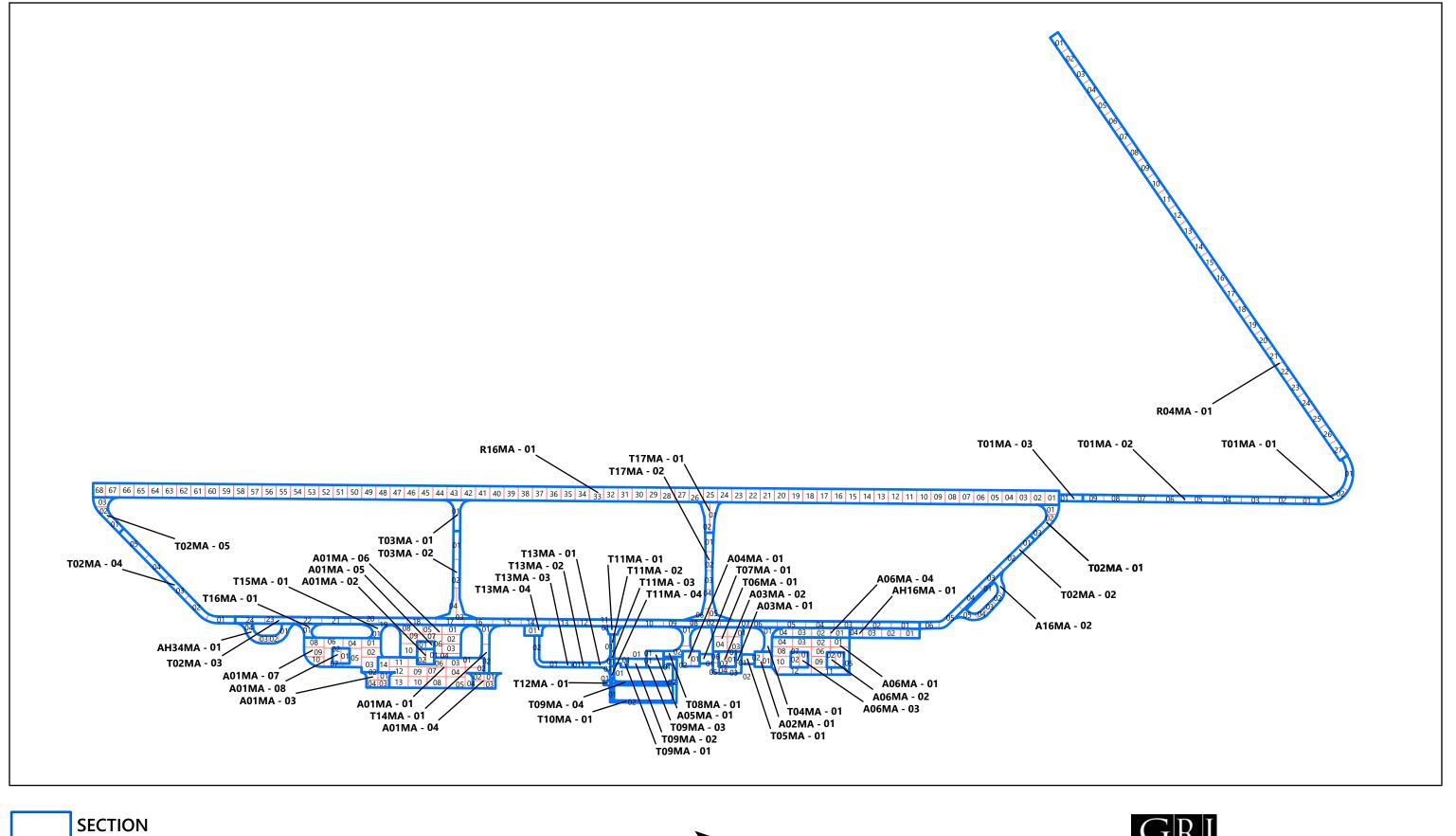
Table 3A: EXAMPLE SAMPLE RATES FOR AC AND PCC PAVEMENTS

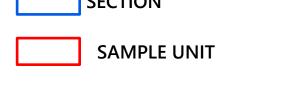
AC Sampling Rate					
Total Number of Sample Units, N	Sample Units to Survey, n				
1	1				
2-3	2				
4-6	3				
7-13	4				
14-38	5				
39+	6				

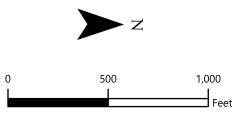
Note: AC = Asphalt Concrete

PCC = portland cement concrete

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









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FIG. 1A



APPENDIX B

Pavement Condition Index Survey Results



APPENDIX B

PAVEMENT CONDITION INDEX SURVEY RESULTS

B.1 METHODOLOGY

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

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

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

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

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



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

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

To obtain the section PCI, we extrapolated the PCI of each selected sample unit over the entire section area. Distresses found in sample units classified as "additional"— defined as nonrepresentative instead of random— are not extrapolated over the entire section but merely added to the extrapolated quantity. The PCI rating scale presented previously in Table 3-1 of Section 3.1 and are 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 the structural capacity; neither does it provide a direct measurement of skid resistance or roughness. It provides an objective and rational basis for determining maintenance and repair needs and priorities. Continuous monitoring of the PCI is used to establish the rate of pavement deterioration, which permits early identification of major rehabilitation needs. The PCI provides feedback on pavement performance for validation or improvement of current pavement design and maintenance procedures."

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

B.2 DISTRESS TYPES

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

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



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

- Climate- and durability-related: Flexible pavement distresses include bleeding, block cracking, joint reflection cracking, longitudinal and transverse (L&T) cracking, swelling, and raveling/weathering. Rigid pavement distresses include blow-ups, durability cracking, longitudinal cracking, pop-outs, pumping, scaling, shrinkage cracks, and joint and corner spalling.
- **Moisture-** and drainage-related: Flexible pavement distresses include alligator/ fatigue cracking, depressions, potholes, and swelling. Rigid pavement distresses include corner breaks, divided slabs, and pumping.
- Other factors: Oil spillage, jet blast erosion, bleeding, patching, and concrete slab joint faulting.

As described above, a 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, a 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 Madras Airport pavement network consists of 27 branches and 56 sections. A total of 134 sample units were visually inspected in the field. Data from the inspected sample units were input into the PAVER database, and a resultant PCI for each section was computed. Additional details regarding the PCI and distress types observed for each surveyed sample unit are provided in the re-inspection report, Table 1E, in Appendix E. Based on the 2022 PCI survey, the area-weighted average PCI for the entire pavement network at Madras Airport is approximately 83, 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 2022 survey to the PCI results from the previous inspection. The variation in PCI between inspections for Madras Airport pavement sections is outlined in Table 4B in this appendix.

Table 2B - MADRAS AIPORT CURRENT BRANCH CONDITION REPORT

	Nemakanaf	A		Avec 18/ciulated	
Branch ID	Number of Sections	Approximate Area, square feet	Use	Area Weighted	DCI Catagogy
		•		Average Branch PCI	PCI Category
A01MA	8	217,755	APRON	71	Fair
A02MA	1	7,200	APRON	53	Poor
A03MA	2	17,265	APRON	83	Satisfactory
A04MA	1	7,200	APRON	58	Fair
A05MA	1	3,808	APRON	51	Poor
A06MA	4	99,289	APRON	76	Satisfactory
AH16MA	2	33,992	APRON	94	Good
AH34MA	1	13,127	APRON	94	Good
R04MA	1	134,997	RUNWAY	57	Fair
R16MA	1	381,750	RUNWAY	94	Good
T01MA	3	59,892	TAXIWAY	72	Satisfactory
T02MA	5	202,245	TAXIWAY	98	Good
T03MA	2	27,636	TAXIWAY	94	Good
T04MA	1	6,892	TAXIWAY	89	Good
T05MA	1	3,500	TAXIWAY	94	Good
T06MA	1	19,816	TAXIWAY	90	Good
T07MA	1	3,500	TAXIWAY	94	Good
AM80T	1	10,660	TAXIWAY	88	Good
Т09МА	4	19,115	TAXIWAY	69	Fair
T10MA	1	9,313	TAXIWAY	19	Serious
T11MA	4	8,504	TAXIWAY	59	Fair
T12MA	1	872	TAXIWAY	75	Satisfactory
T13MA	4	19,276	TAXIWAY	75	Satisfactory
T14MA	1	10,702	TAXIWAY	90	Good
T15MA	1	4,815	TAXIWAY	83	Satisfactory
T16MA	1	4,463	TAXIWAY	81	Satisfactory
T17MA	2	34,085	TAXIWAY	94	Good

Use Category	Number of Sections	Total Area, square feet	Area Weighted Average PCI
APRON	20	399,636	74
RUNWAY	2	516,747	84
TAXIWAY	34	445,286	88
ALL	56	1,361,669	83



Table 3B - MADRAS AIRPORT 2022 PAVEMENT CONDITION INDEX SURVEY RESULTS

		Last Construction			Last Inspection	Age at					
Down ald ID		Date	Surface Type		Date	Inspection	DCI	DCI Catalian	DCI % Climate	DCI 0/ II	DCI 0/ Other
BranchID	SectionID			Use			PCI	<u> </u>	PCI % Climate		PCI % Other
A01MA	01	8/1/1990	AC	APRON	3/1/2022	32	58	Fair	74	26	0
A01MA	02	9/4/1943	PCC	APRON	3/1/2022	78	48	Poor	0	81	19
A01MA	03	9/4/1943	PCC	APRON	3/1/2022	78	81	Satisfactory	0	0	100
A01MA	04	9/4/1943	PCC	APRON	3/1/2022	78	53	Poor	0	6	94
A01MA	05	9/2/2011	PCC	APRON	3/1/2022	10	80	Satisfactory	0	0	100
A01MA	06	9/2/2011	AC	APRON	3/1/2022	10	90	Good	100	0	0
A01MA	07	9/3/2011	AC	APRON	3/1/2022	10	77	Satisfactory	100	0	0
A01MA	08	9/4/1943	PCC	APRON	3/1/2022	78	52	Poor	0	66	34
A02MA	01	9/1/1943	PCC	APRON	3/1/2022	79	53	Poor	17	0	83
A03MA	01	9/2/2011	PCC	APRON	3/1/2022	10	90	Good	0	54	46
A03MA	02	9/1/1943	PCC	APRON	3/1/2022	79	74	Satisfactory	0	0	100
A04MA	01	9/1/1943	PCC	APRON	3/1/2022	79	58	Fair	21	0	79
A05MA	01	9/1/1943	PCC	APRON	3/1/2022	79	51	Poor	18	0	82
A06MA	01	9/1/2015	AC	APRON	3/1/2022	7	79	Satisfactory	100	0	0
A06MA	02	1/1/1943	PCC	APRON	3/1/2022	79	43	Poor	15	0	85
A06MA	03	1/1/1943	PCC	APRON	3/1/2022	79	29	Very Poor	10	10	80
A06MA	04	9/1/1977	AAC	APRON	3/1/2022	45	94	Good	100	0	0
AH16MA	01	9/1/1977	AAC	APRON	3/1/2022	45	94	Good	100	0	0
AH16MA	02	7/1/2020	AC	APRON	3/1/2022	2	94	Good	100	0	0
AH34MA	01	9/2/2004	AC	APRON	3/1/2022	17	94	Good	100	0	0
R04MA	01	8/1/1990	AC	RUNWAY	3/1/2022	32	57	Fair	58	42	0
R16MA	01	5/18/2015	AC	RUNWAY	3/1/2022	7	94	Good	100	0	0
T01MA	01	9/1/2012	APC	TAXIWAY	3/1/2022	10	84	Satisfactory	100	0	0
T01MA	02	8/1/1990	AC	TAXIWAY	3/1/2022	32	67	Fair	100	0	0
T01MA	03	5/18/2015	AC	TAXIWAY	3/1/2022	7	89	Good	100	0	0
T02MA	01	5/18/2015	AC	TAXIWAY	3/1/2022	7	86	Good	100	0	0
T02MA	02	7/1/2020	AC	TAXIWAY	3/1/2022	2	94	Good	100	0	0
T02MA	03	7/1/2020	AC	TAXIWAY	3/1/2022	2	100	Good	100	0	0
T02MA	04	7/1/2020	AC	TAXIWAY	3/1/2022	2	100	Good	0	0	0
T02MA	05	5/18/2015	AC	TAXIWAY	3/1/2022	7	94	Good	100	0	0
T02MA	01	5/18/2015	AC	TAXIWAY	3/1/2022	7	94	Good	100	0	0
	02		AC			2	94	Good	100	0	0
T03MA T04MA	02	7/1/2020 9/3/2011	AC	TAXIWAY	3/1/2022 3/1/2022	10	89	Good	100	0	0
				TAXIWAY							
T05MA	01	9/3/2011	AC	TAXIWAY	3/1/2022	10	94	Good	100	0	0
T06MA	01	9/3/2011	AC	TAXIWAY	3/1/2022	10	90	Good	100	0	0
T07MA	01	9/3/2011	AC	TAXIWAY	3/1/2022	10	94	Good	100	0	0
T08MA	01	9/3/2011	AC	TAXIWAY	3/1/2022	10	88	Good	100	0	0
T09MA	01	9/1/1998	APC	TAXIWAY	3/1/2022	24	71	Satisfactory	100	0	0
T09MA	02	9/2/1998	AC	TAXIWAY	3/1/2022	23	71	Satisfactory	100	0	0
T09MA	03	9/1/1998	APC	TAXIWAY	3/1/2022	24	75	Satisfactory	100	0	0
T09MA	04	9/2/1998	AC	TAXIWAY	3/1/2022	23	64	Fair	72	28	0
T10MA	01	9/2/1943	AC	TAXIWAY	3/1/2022	78	19	Serious	50	50	0
T11MA	01	7/1/2020	AC	TAXIWAY	3/1/2022	2	94	Good	100	0	0



Table 3B - MADRAS AIRPORT 2022 PAVEMENT CONDITION INDEX SURVEY RESULTS

		Last Construction	1		Last Inspection	Age at					
BranchID	SectionID	Date	Surface Type	Use	Date	Inspection	PCI	PCI Category I	PCI % Climate	PCI % Load	PCI % Other
T11MA	02	9/2/1998	AC	TAXIWAY	3/1/2022	23	40	Very Poor	100	0	0
T11MA	03	9/1/1998	APC	TAXIWAY	3/1/2022	24	42	Poor	100	0	0
T11MA	04	9/2/1998	AC	TAXIWAY	3/1/2022	23	42	Poor	63	37	0
T12MA	01	9/2/1998	AC	TAXIWAY	3/1/2022	23	75	Satisfactory	100	0	0
T13MA	01	6/1/2002	AC	TAXIWAY	3/1/2022	20	66	Fair	100	0	0
T13MA	02	6/1/2002	APC	TAXIWAY	3/1/2022	20	61	Fair	100	0	0
T13MA	03	6/2/2002	AC	TAXIWAY	3/1/2022	20	71	Satisfactory	100	0	0
T13MA	04	1/1/1901	AC	TAXIWAY	3/1/2022	121	94	Good	100	0	0
T14MA	01	9/3/2011	AC	TAXIWAY	3/1/2022	10	90	Good	100	0	0
T15MA	01	9/3/2011	AC	TAXIWAY	3/1/2022	10	83	Satisfactory	100	0	0
T16MA	01	9/3/2011	AC	TAXIWAY	3/1/2022	10	81	Satisfactory	100	0	0
T17MA	01	7/1/2020	AC	TAXIWAY	3/1/2022	2	94	Good	100	0	0
T17MA	02	7/1/2020	AC	TAXIWAY	3/1/2022	2	94	Good	100	0	0

Abbreviations:

PCI = Pavement Condition Index, AC = Asphalt Concrete, AAC = AC overlaid AC, APC = AC over PCC, PCC = Portland Cement Concrete



Table 4B - MADRAS AIRPORT COMPARISON OF PREVIOUS INSPECTION AND 2022 RESULTS

			Approximate									
			Area, square			2017 Surve	ey	20	022 Survey			Rate of
Branch ID	Section ID	Surface Type ¹	feet	LCD ²	PCI	PCI Category	Insp. Date	PCI	PCI Category	Age ³	Δ PCI/yr ⁴	Deterioration
A01MA	01	AC	76,461	8/1/1990	50	Poor	6/17/2017	58	Fair	27	1.70	NONE
A01MA	02	PCC	7,200	9/4/1943	3	Failed	6/17/2017	48	Poor	74	9.56	NONE
A01MA	03	PCC	9,986	9/4/1943	95	Good	6/17/2017	81	Satisfactory	74	-2.97	NORMAL
A01MA	04	PCC	9,986	9/4/1943	86	Good	6/24/2017	53	Poor	74	-7.04	HIGH
A01MA	05	PCC	3,600	9/2/2011	100	Good	6/17/2017	80	Satisfactory	6	-4.25	HIGH
A01MA	06	AC	48,610	9/2/2011	100	Good	6/17/2017	90	Good	6	-2.12	NORMAL
A01MA	07	AC	54,712	9/3/2011	96	Good	6/17/2017	77	Satisfactory	6	-4.04	HIGH
A01MA	80	PCC	7,200	9/4/1943	0	Failed	6/17/2017	52	Poor	74	11.05	NONE
A02MA	01	PCC	7,200	9/1/1943	74	Satisfactory	6/17/2017	53	Poor	74	-4.46	HIGH
A03MA	01	PCC	10,065	9/2/2011	97	Good	6/17/2017	90	Good	6	-1.49	NORMAL
A03MA	02	PCC	7,200	9/1/1943	64	Fair	6/17/2017	74	Satisfactory	74	2.12	NONE
A04MA	01	PCC	7,200	9/1/1943	75	Satisfactory	6/17/2017	58	Fair	74	-3.61	NORMAL
A05MA	01	PCC	3,808	9/1/1943	76	Satisfactory	6/17/2017	51	Poor	74	-5.31	HIGH
A06MA	01	AC	65,066	9/1/2015	100	Good	6/17/2017	79	Satisfactory	2	-4.46	HIGH
A06MA	02	PCC	7,200	1/1/1943	50	Poor	6/17/2017	43	Poor	75	-1.49	NORMAL
A06MA	03	PCC	7,200	1/1/1943	57	Fair	6/17/2017	29	Very Poor	75	-5.95	HIGH
A06MA	04	AAC	19,823	9/1/1977	43	Poor	6/17/2017	94	Good	40	10.84	NONE
AH16MA	01	AAC	18,550	9/1/1977	37	Very Poor	6/17/2017	94	Good	40	12.11	NONE
AH16MA	02	AC	15,442	7/1/2020				94	Good			
AH34MA	01	AC	13,127	9/2/2004	69	Fair	6/17/2017	94	Good	13	5.31	NONE
R04MA	01	AC	134,997	8/1/1990	53	Poor	6/17/2017	57	Fair	27	0.85	NONE
R16MA	01	AC	381,750	5/18/2015	100	Good	6/17/2017	94	Good	2	-1.27	NORMAL
T01MA	01	APC	12,036	9/1/2012	100	Good	6/17/2017	84	Satisfactory	5	-3.40	NORMAL
T01MA	02	AC	43,481	8/1/1990	76	Satisfactory	6/17/2017	67	Fair	27	-1.91	NORMAL
T01MA	03	AC	4,375	5/18/2015	100	Good	6/17/2017	89	Good	2	-2.34	NORMAL
T02MA	01	AC	10,072	5/18/2015	100	Good	6/17/2017	86	Good	2	-2.97	NORMAL
T02MA	02	AC	27,340	7/1/2020	42	Poor	6/17/2017	94	Good	-3	11.05	NONE
T02MA	03	AC	126,238	7/1/2020	59	Fair	6/17/2017	100	Good	-3	8.71	NONE
T02MA	04	AC	27,685	7/1/2020	42	Poor	6/17/2017	100	Good	-3	12.32	NONE
T02MA	05	AC	10,910	5/18/2015	100	Good	6/17/2017	94	Good	2	-1.27	NORMAL
T03MA	01	AC	6,986	5/18/2015	100	Good	6/17/2017	94	Good	2	-1.27	NORMAL
T03MA	02	AC	20,650	7/1/2020	67	Fair	6/17/2017	94	Good	-3	5.74	NONE
T04MA	01	AC	6,892	9/3/2011	95	Good	6/17/2017	89	Good	6	-1.27	NORMAL
T05MA	01	AC	3,500	9/3/2011	98	Good	6/17/2017	94	Good	6	-0.85	NORMAL
T06MA	01	AC	19,816	9/3/2011	99	Good	6/17/2017	90	Good	6	-1.91	NORMAL
T07MA	01	AC	3,500	9/3/2011	98	Good	6/17/2017	94	Good	6	-0.85	NORMAL
T08MA	01	AC	10,660	9/3/2011	100	Good	6/17/2017	88	Good	6	-2.55	NORMAL
T09MA	01	APC	2,535	9/1/1998	70	Fair	6/17/2017	71	Satisfactory	19	0.21	NONE



Table 4B - MADRAS AIRPORT COMPARISON OF PREVIOUS INSPECTION AND 2022 RESULTS

			Approximate Area, square			2017 Surve	ey	20	022 Survey			Rate of
Branch ID	Section ID	Surface Type ¹	feet	LCD ²	PCI	PCI Category	Insp. Date	PCI	PCI Category	Age ³	Δ PCI/yr ⁴	Deterioration
T09MA	02	AC	4,725	9/2/1998	70	Fair	6/17/2017	71	Satisfactory	19	0.21	NONE
T09MA	03	APC	4,050	9/1/1998	75	Satisfactory	6/17/2017	75	Satisfactory	19	0.00	NONE
T09MA	04	AC	7,805	9/2/1998	70	Fair	6/17/2017	64	Fair	19	-1.27	NORMAL
T10MA	01	AC	9,313	9/2/1943	29	Very Poor	6/17/2017	19	Serious	74	-2.12	NORMAL
T11MA	01	AC	2,861	7/1/2020	61	Fair	6/17/2017	94	Good	-3	7.01	NONE
T11MA	02	AC	1,543	9/2/1998	65	Fair	6/17/2017	40	Very Poor	19	-5.31	HIGH
T11MA	03	APC	1,600	9/1/1998	70	Fair	6/17/2017	42	Poor	19	-5.95	HIGH
T11MA	04	AC	2,500	9/2/1998	36	Very Poor	6/17/2017	42	Poor	19	1.27	NONE
T12MA	01	AC	872	9/2/1998	82	Satisfactory	6/17/2017	75	Satisfactory	19	-1.49	NORMAL
T13MA	01	AC	3,823	6/1/2002	63	Fair	6/17/2017	66	Fair	15	0.64	NONE
T13MA	02	APC	2,250	6/1/2002	54	Poor	6/17/2017	61	Fair	15	1.49	NONE
T13MA	03	AC	8,122	6/2/2002	68	Fair	6/17/2017	71	Satisfactory	15	0.64	NONE
T13MA	04	AC	5,081	1/1/1901	60	Fair	6/17/2017	94	Good	117	7.22	NONE
T14MA	01	AC	10,702	9/3/2011	100	Good	6/17/2017	90	Good	6	-2.12	NORMAL
T15MA	01	AC	4,815	9/3/2011	100	Good	6/17/2017	83	Satisfactory	6	-3.61	NORMAL
T16MA	01	AC	4,463	9/3/2011	100	Good	6/17/2017	81	Satisfactory	6	-4.04	HIGH
T17MA	01	AC	10,265	7/1/2020				94	Good			
T17MA	02	AC	23,820	7/1/2020				94	Good			

Abbreviations:



¹ AC = Asphalt Concrete, AAC = Asphalt Overlaid AC, PCC = Portland Cement Concrete, APC = Asphalt over PCC

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

³ Age = Pavement age in years at the time of the PCI survey in 2017

 $^{^4}$ Δ PCI/yr = Change in PCI points per year between 2017 survey and 2022 survey



APPENDIX C

Future Pavement Condition Analysis



APPENDIX C

FUTURE PAVEMENT CONDITION ANALYSIS

C.1 METHODOLOGY

In addition to assessing the current condition of a pavement, it is very important from a planning standpoint to be able to predict with reasonable accuracy its future condition. In a pavement management plan (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 Madras Airport. The delineation is based on branch use, surface type, section rank, and structural design life. We use five distinct models for the following "families" of pavements at Madras Airport. For each model, we reviewed the data in order to filter out any suspicious or inaccurate data or any data that fall outside boundary values set by PAVER. After outliers are removed and the data are checked for accuracy and reasonableness, the PAVER program calculates a best-fit curve using a fourth-order, 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 5C below.



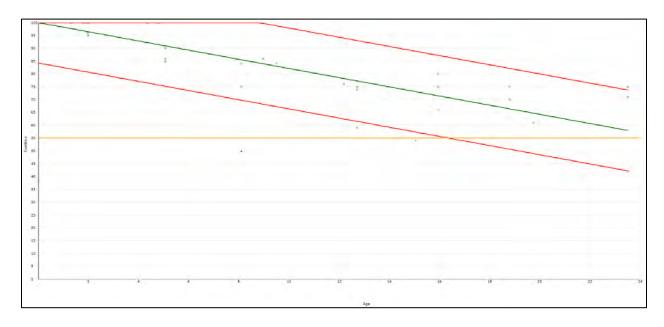


Figure 1C – CONDITION PREDICTION MODEL FOR CENTRAL CATEGORY 4 APC RUNWAYS, TAXIWAYS, AND APRONS

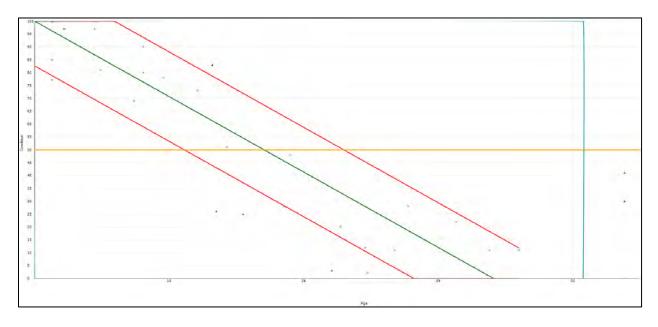


Figure 2C – CONDITION PREDICTION MODEL FOR CENTRAL CATEGORY 4 PCC RUNWAYS, TAXIWAYS, AND APRONS



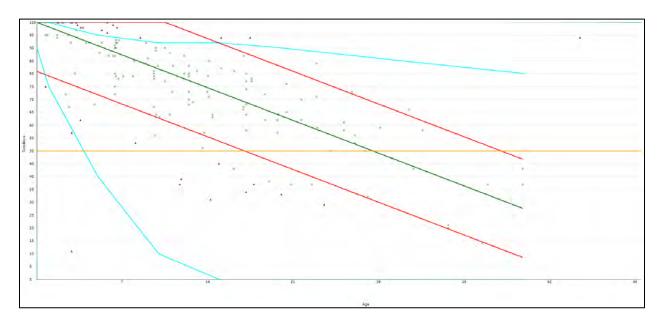


Figure 3C - CONDITION PREDICTION MODEL FOR CENTRAL CATEGORY 4 AC AND AAC APRONS

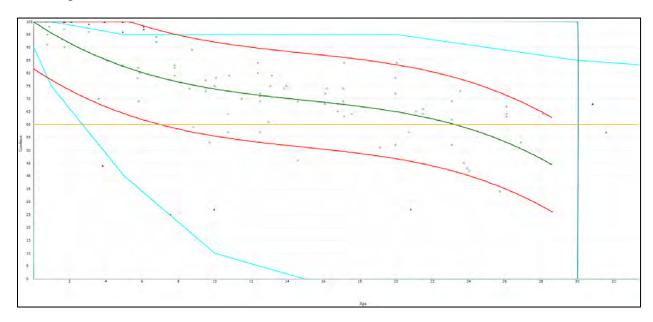


Figure 4C - CONDITION PREDICTION MODEL FOR CENTRAL CATEGORY 4 AC AND AAC RUNWAYS



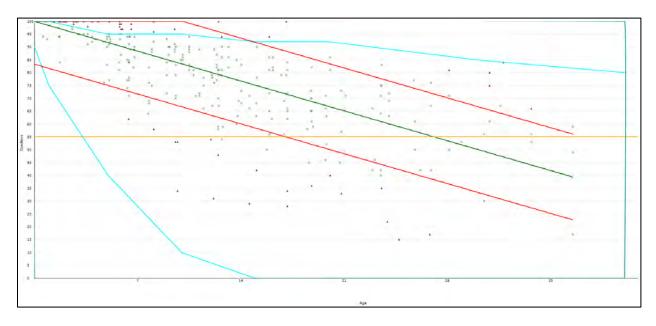


Figure 5C - CONDITION PREDICTION MODEL FOR CENTRAL CATEGORY 4 AC AND AAC TAXIWAYS

C.3 CRITICAL PAVEMENT CONDITION INDEX

Each of the condition-prediction models have 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 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 Madras Airport:

- Runways 60
- Taxiways/Taxilanes 55
- Aprons 50

C.4 FUTURE CONDITION ANALYSIS

As previously discussed, the projected condition of each pavement section was determined for 5- and 10-year periods. The projected pavement conditions in 5 years and 10 years for each pavement section at Madras 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 Madras 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	Prodicted	Predicted Future PCI		
BranchID	SectionID	2017	2022	2027	2032		
A01MA	01	50	58	49	40		
A01MA	02	3	48	37	25		
A01MA	03	95	81	70	58		
A01MA	04	86	53	42	30		
A01MA	05	100	80	69	57		
A01MA	06	100	90	81	72		
	07	96	77	68	59		
A01MA	08	0	52	41	29		
A01MA		74		42	30		
A02MA	01	97	53 90	79			
A03MA	01				67		
A03MA	02	64	74	63	51		
A04MA	01	75 76	58	47	35		
A05MA	01	76	51	40	28		
A06MA	01	100	79	70	61		
A06MA	02	50	43	32	20		
A06MA	03	57	29	18	6		
A06MA	04	43	94	85	76		
AH16MA	01	37	94	85	76		
AH16MA	02		94	85	76		
AH34MA	01	69	94	85	76		
R04MA	01	53	57	41	24		
R16MA	01	100	94	79	72		
T01MA	01	100	84	75	66		
T01MA	02	76	67	59	50		
T01MA	03	100	89	81	72		
T02MA	01	100	86	78	69		
T02MA	02	42	94	86	77		
T02MA	03	59	100	92	83		
T02MA	04	42	100	92	83		
T02MA	05	100	94	86	77		
T03MA	01	100	94	86	77		
T03MA	02	67	94	86	77		
T04MA	01	95	89	81	72		
T05MA	01	98	94	86	77		
T06MA	01	99	90	82	73		
T07MA	01	98	94	86	77		
T08MA	01	100	88	80	71		
T09MA	01	70	71	62	53		
T09MA	02	70	71	63	54		
T09MA	03	75	75	66	57		
T09MA	04	70	64	56	47		
T10MA	01	29	19	11	2		
T11MA	01	61	94	86	77		
T11MA	02	65	40	32	23		
T11MA	03	70	42	33	24		
T11MA	04	36	42	34	25		
T12MA	01	82	75	67	58		
T13MA	01	63	66	58	49		
T13MA	02	54	61	52	43		
T13MA	03	68	71	63	54		
T13MA	04	60	94	86	77		
T14MA	01	100	90	82	73		
T15MA	01	100	83	75	66		
T16MA	01	100	81	73	64		
	U I	100	01	, 5	UT		
T17MA	01		94	86	77		

Abbreviations:

PCI = Pavement Condition Index



Table 2C - MADRAS AIRPORT FUNCTIONAL REMAINING LIFE ANALYSIS

	Table 2C	- IVIADRAS	AIRPORT	FUNCTIONAL REMA	AIINING LIFE AIN	ALTSIS
		Surface	Current	Years to Major	Major M&R	Years to End of
Branch ID	Section ID	Type	PCI	M&R	Trigger PCI ¹	Functional Service Life
A01MA	01	AC	58	0 - 5	50	6 - 10
A01MA	02	PCC	48	0 - 5	50	0 - 5
A01MA	03	PCC	81	11 - 15	50	16 - 20
A01MA	04	PCC	53	0 - 5	50	0 - 5
A01MA	05	PCC	80	11 - 15	50	16 - 20
A01MA	06	AC	90	> 20	50	> 20
A01MA	07	AC	77	11 - 15	50	> 20
A01MA	08	PCC	52	0 - 5	50	0 - 5
A02MA	01	PCC	53	0 - 5	50	0 - 5
A03MA	01	PCC	90	16 - 20	50	> 20
A03MA	02	PCC	74	6 - 10	50	11 - 15
A04MA	01	PCC	58	0 - 5	50	6 - 10
A05MA	01	PCC	51	0 - 5	50	0 - 5
A06MA	01	AC	79	11 - 15	50	> 20
A06MA	02	PCC	43	0 - 5	50	0 - 5
A06MA	03	PCC	29	0 - 5	50	0 - 5
A06MA	04	AAC	94	> 20	50	> 20
AH16MA	01	AAC	94	> 20	50	> 20
AH16MA	02	AC	94	> 20	50	> 20
AH34MA	01	AC	94	> 20	50	> 20
R04MA	01	AC	57	0 - 5	60	0 - 5
R16MA	01	AC	94	> 20	60	> 20
T01MA	01	APC	84	16 - 20	55	> 20
T01MA	02	AC	67	6 - 10	55	16 - 20
T01MA	03	AC	89	> 20	55	> 20
T01MA	01	AC	86	16 - 20	55	> 20
T02MA	02	AC	94	> 20	55	> 20
T02IVIA	03	AC	100	> 20	55	> 20
T02MA	04	AC	100	> 20	55	> 20
T02IVIA	05	AC	94	> 20	55 55	> 20
T02IVIA	03	AC	94	> 20	55 55	> 20
	02	AC	94	> 20	55 55	> 20
TO3MA					55 55	> 20 > 20
T04MA	01 01	AC AC	89 94	> 20	55 55	
T05MA				> 20		> 20
T06MA	01	AC	90	> 20	55	> 20
T07MA	01	AC	94	> 20	55	> 20
TOSMA	01	AC	88	> 20	55	> 20
T09MA	01	APC	71	6 - 10	55	16 - 20
T09MA	02	AC	71	6 - 10	55	16 - 20
T09MA	03	APC	75 C4	11 - 15	55	> 20
T09MA	04	AC	64	0 - 5	55	11 - 15
T10MA	01	AC	19	0 - 5	55	0 - 5
T11MA	01	AC	94	> 20	55	> 20
T11MA	02	AC	40	0 - 5	55	0 - 5
T11MA	03	APC	42	0 - 5	55	0 - 5
T11MA	04	AC	42	0 - 5	55	0 - 5
T12MA	01	AC	75	11 - 15	55 	> 20
T13MA	01	AC	66	6 - 10	55	11 - 15
T13MA	02	APC	61	0 - 5	55 	11 - 15
T13MA	03	AC	71	6 - 10	55	16 - 20
T13MA	04	AC	94	> 20	55	> 20
T14MA	01	AC	90	> 20	55	> 20



Table 2C - MADRAS 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
T15MA	01	AC	83	16 - 20	55	> 20
T16MA	01	AC	81	11 - 15	55	> 20
T17MA	01	AC	94	> 20	55	> 20
T17MA	02	AC	94	> 20	55	> 20

Abbreviations:

M&R = Maintenance and Rehabilitation, AC = Asphalt Concrete, AAC = AC overlaid AC, PCC = Portland Cement Concrete, APC = Asphalt over PCC



¹ Major M&R Trigger PCI = Critical PCI



APPENDIX D

Unit Cost Data and Maintenance and Rehabilitation Plan



APPENDIX D

UNIT COST DATA AND MAINTENANCE AND REHABILITATION PLAN

D.1 ANALYSIS METHODOLOGY

We evaluated the 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 Madras Airport pavement network condition over time. We used PAVER v7 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, 2023. A backlog elimination analysis scenario was selected to generate a list of global maintenance and rehabilitation 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.
- Flexible Overlay Considered for pavements between 40 PCI and the critical PCI, and for pavements exhibiting significant load-related distresses.
- Global Maintenance Treatments (fog seal, slurry seal, thin AC overlay) 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

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

D.2 MAINTENANCE POLICIES AND UNIT COSTS

The 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 cost for each year of the five-year period. The anticipated cost of performing M&R is based on cost tables that relate M&R work type cost to PCI. We reviewed the unit costs from the 2017 report and updated them by reviewing the bid tabulations for recent projects within the vicinity of Madras Airport and information provided by the project team. The costs for reconstruction are based on the existing pavement sections present within each branch use at Madras 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: MADRAS AIRPORT UNIT COST DATA

Type of M&R	Work Type	Unit Cost	Work Unit
Maior MarD	Complete Reconstruction with AC	\$11.10	Sq Ft
Major M&R	Cold Mill and Overlay – 3 Inches Thick	\$4.90	Sq Ft
Clobal MARD	Surface Treatment - Slurry Seal	\$0.33	Sq Ft
Global M&R	Surface Treatment - Fog Seal	\$0.20	Sq Ft
	Crack Sealing - AC	\$2.00	Ft
	Crack Sealing - PCC	\$15.00	Ft
Localized Preventive M&R	Crack Sealing – Wide Cracks	\$33.00	Ft
	AC Patching – Full Depth	\$50.00	Sq Ft
	PCC Patching – Full Depth	\$100.00	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 GLOBAL MAINTENANCE AND REHABILITATION PROJECTS

Global maintenance and rehabilitation projects refer to activities such as slurry seal and thin AC overlays, as well as thick AC overlays and reconstruction. A list of recommended global M&R activities is provided in Table 4D of this appendix.

Table 3D - MADRAS AIRPORT NETWORK MAINTENANCE REPORT

Network	Branch ID	Section ID	Distress	Severity	Action	Work Quantity	Unit	Unit Cost	Work Cost	Section Total
Madras	A01MA	01	Alligator Cracking	Medium	Patching - AC Deep	411	SqFt	\$50.00	\$20,544	
Madras	A01MA	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	2,673	Ft	\$2.00	\$5,346	\$34,369
Madras	A01MA	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	4,239	Ft	\$2.00	\$8,478	
Madras	A01MA	02	Corner Break	Low	Crack Sealing - PCC	8	Ft	\$15.00	\$123	
Madras	A01MA	02	Linear Cracking	Low	Crack Sealing - PCC	310	Ft	\$15.00	\$4,650	\$9,423
Madras	A01MA	02	Shattered Slab	Low	Crack Sealing - PCC	310	Ft	\$15.00	\$4,650	
Madras	A01MA	04	Joint Spall	High	Patching - PCC Partial Depth	25	SqFt	\$100.00	\$2,489	
Madras	A01MA	04	Linear Cracking	Low	Crack Sealing - PCC	13	Ft	\$15.00	\$193	\$22,145
Madras	A01MA	04	Linear Cracking	Medium	Crack Sealing - PCC	13	Ft	\$15.00	\$193	\$22,145
Madras	A01MA	04	Scaling	High	Patching - PCC Full Depth	193	SqFt	\$100.00	\$19,271	
Madras	A01MA	06	Long. & Trans. Cracking	Low	Crack Sealing - AC	257	Ft	\$2.00	\$514	\$514
Madras	A01MA	07	Long. & Trans. Cracking	Medium	Crack Sealing - AC	1,513	Ft	\$2.00	\$3,026	¢2.220
Madras	A01MA	07	Long. & Trans. Cracking	Low	Crack Sealing - AC	106	Ft	\$2.00	\$212	\$3,239
Madras	A01MA	08	Linear Cracking	Low	Crack Sealing - PCC	403	Ft	\$15.00	\$6,045	
Madras	A01MA	08	Linear Cracking	Medium	Crack Sealing - PCC	31	Ft	\$15.00	\$465	\$7,440
Madras	A01MA	08	Shattered Slab	Low	Crack Sealing - PCC	62	Ft	\$15.00	\$930	
Madras	A02MA	01	Corner Spall	High	Patching - PCC Partial Depth	5	SqFt	\$100.00	\$538	
Madras	A02MA	01	Joint Seal Damage	High	Joint Sealing	515	Ft	\$5.00	\$2,575	\$6,342
Madras	A02MA	01	Joint Spall	High	Patching - PCC Partial Depth	32	SqFt	\$100.00	\$3,229	
Madras	A03MA	01	Corner Spall	High	Patching - PCC Partial Depth	2	SqFt	\$100.00	\$269	
Madras	A03MA	01	Linear Cracking	Low	Crack Sealing - PCC	70	Ft	\$15.00	\$1,050	\$1,469
Madras	A03MA	01	Linear Cracking	Medium	Crack Sealing - PCC	10	Ft	\$15.00	\$150	
Madras	A03MA	02	Joint Spall	High	Patching - PCC Partial Depth	16	SqFt	\$100.00	\$1,615	\$1,615
Madras	A04MA	01	Joint Seal Damage	High	Joint Sealing	1,030	Ft	\$5.00	\$5,150	40.000
Madras	A04MA	01	Joint Spall	High	Patching - PCC Partial Depth	32	SqFt	\$100.00	\$3,229	\$8,379
Madras	A05MA	01	Joint Seal Damage	High	Joint Sealing	498	Ft	\$5.00	\$2,490	A==10
Madras	A05MA	01	Joint Spall	High	Patching - PCC Partial Depth	32	SqFt	\$100.00	\$3,229	\$5,719
Madras	A06MA	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	1,035	Ft	\$2.00	\$2,071	40.000
Madras	A06MA	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	769	Ft	\$2.00	\$1,537	\$3,608
Madras	A06MA	02	Corner Spall	High	Patching - PCC Partial Depth	22	SqFt	\$100.00	\$2,153	
Madras	A06MA	02	Joint Seal Damage	High	Joint Sealing	1,030	Ft	\$5.00	\$5,150	\$25,871
Madras	A06MA	02	Joint Spall	High	Patching - PCC Partial Depth	185	SqFt	\$100.00	\$18,568	
Madras	A06MA	03	Corner Spall	High	Patching - PCC Partial Depth	32	SqFt	\$100.00	\$3,229	
Madras	A06MA	03	Joint Seal Damage	High	Joint Sealing	1,030	Ft	\$5.00	\$5,150	
Madras	A06MA	03	Joint Spall	High	Patching - PCC Partial Depth	161	SqFt	\$100.00	\$16,146	\$25,088
Madras	A06MA	03	Linear Cracking	Medium	Crack Sealing - PCC	25	Ft	\$15.00	\$375	1
Madras	A06MA	03	Linear Cracking	Low	Crack Sealing - PCC	12	Ft	\$15.00	\$188	
Madras	R04MA	01	Alligator Cracking	Low	Crack Sealing - AC	371	Ft	\$2.00	\$741	
Madras	R04MA	01	Alligator Cracking	Medium	Patching - AC Deep	825	SqFt	\$50.00	\$41,212	
Madras	R04MA	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	8,057	Ft	\$2.00	\$16,113	\$58,153
Madras	R04MA	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	43	Ft	\$2.00	\$86	
Madras	R16MA	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	56	Ft	\$2.00	\$112	\$112



Table 3D - MADRAS AIRPORT NETWORK MAINTENANCE REPORT

Network	Branch ID	Section ID	Distress	Severity	Action	Work Quantity	Unit	Unit Cost	Work Cost	Section Total
Madras	T01MA	01	Joint Reflective Cracking	Low	Crack Sealing - AC	60	Ft	\$2.00	\$120	
Madras	T01MA	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	19	Ft	\$2.00	\$38	\$322
Madras	T01MA	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	82	Ft	\$2.00	\$164	•
Madras	T01MA	02	Long. & Trans. Cracking	Medium	Crack Sealing - AC	532	Ft	\$2.00	\$1,064	¢0.567
Madras	T01MA	02	Long. & Trans. Cracking	Low	Crack Sealing - AC	751	Ft	\$2.00	\$1,503	- \$2,567
Madras	T01MA	03	Long. & Trans. Cracking	Low	Crack Sealing - AC	46	Ft	\$2.00	\$92	\$92
Madras	T02MA	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	13	Ft	\$2.00	\$27	\$27
Madras	T04MA	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	55	Ft	\$2.00	\$110	\$110
Madras	T06MA	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	144	Ft	\$2.00	\$289	\$289
Madras	T08MA	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	17	Ft	\$2.00	\$34	\$34
Madras	T09MA	01	Joint Reflective Cracking	Medium	Crack Sealing - AC	12	Ft	\$2.00	\$24	- \$282
Madras	T09MA	01	Joint Reflective Cracking	Low	Crack Sealing - AC	129	Ft	\$2.00	\$258	-
Madras	T09MA	02	Joint Reflective Cracking	Medium	Crack Sealing - AC	8	Ft	\$2.00	\$16	- \$772
Madras	T09MA	02	Joint Reflective Cracking	Low	Crack Sealing - AC	378	Ft	\$2.00	\$756	\$772
Madras	T09MA	03	Joint Reflective Cracking	Low	Crack Sealing - AC	670	Ft	\$2.00	\$1,340	\$1,340
Madras	T09MA	04	Alligator Cracking	Medium	Patching - AC Deep	54	SqFt	\$50.00	\$2,665	
Madras	T09MA	04	Long. & Trans. Cracking	Medium	Crack Sealing - AC	423	Ft	\$2.00	\$846	\$3,689
Madras	T09MA	04	Long. & Trans. Cracking	Low	Crack Sealing - AC	89	Ft	\$2.00	\$178	
Madras	T10MA	01	Alligator Cracking	Medium	Patching - AC Deep	1,561	SqFt	\$50.00	\$78,054	
Madras	T10MA	01	Alligator Cracking	High	Patching - AC Deep	47	SqFt	\$50.00	\$2,386	
Madras	T10MA	01	Long. & Trans. Cracking	High	Crack Seal - Wide Cracks	108	Ft	\$33.00	\$3,564	\$85,041
Madras	T10MA	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	398	Ft	\$2.00	\$796	
Madras	T10MA	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	120	Ft	\$2.00	\$240	-
Madras	T11MA	02	Long. & Trans. Cracking	Low	Crack Sealing - AC	25	Ft	\$2.00	\$50	- \$250
Madras	T11MA	02	Long. & Trans. Cracking	Medium	Crack Sealing - AC	100	Ft	\$2.00	\$200	- φ250
Madras	T11MA	03	Long. & Trans. Cracking	Medium	Crack Sealing - AC	25	Ft	\$2.00	\$50	- \$296
Madras	T11MA	03	Long. & Trans. Cracking	Low	Crack Sealing - AC	123	Ft	\$2.00	\$246	- Ψ290
Madras	T11MA	04	Alligator Cracking	Medium	Patching - AC Deep	83	SqFt	\$50.00	\$4,123	
Madras	T11MA	04	Long. & Trans. Cracking	Medium	Crack Sealing - AC	164	Ft	\$2.00	\$328	\$4,667
Madras	T11MA	04	Long. & Trans. Cracking	Low	Crack Sealing - AC	108	Ft	\$2.00	\$216	
Madras	T12MA	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	16	Ft	\$2.00	\$32	\$32
Madras	T13MA	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	128	Ft	\$2.00	\$255	- \$547
Madras	T13MA	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	146	Ft	\$2.00	\$292	ΨΟΨ7
Madras	T13MA	02	Long. & Trans. Cracking	Medium	Crack Sealing - AC	12	Ft	\$2.00	\$24	- \$720
Madras	T13MA	02	Long. & Trans. Cracking	Low	Crack Sealing - AC	348	Ft	\$2.00	\$696	- Ψ720
Madras	T13MA	03	Long. & Trans. Cracking	Medium	Crack Sealing - AC	235	Ft	\$2.00	\$470	- \$540
Madras	T13MA	03	Long. & Trans. Cracking	Low	Crack Sealing - AC	35	Ft	\$2.00	\$70	ΨΟ-ΤΟ
Madras	T14MA	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	18	Ft	\$2.00	\$36	\$36
Madras	T15MA	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	20	Ft	\$2.00	\$40	- \$106
Madras	T15MA	01	Long. & Trans. Cracking	Low	Crack Sealing - AC	33	Ft	\$2.00	\$66	Ψ100
Madras	T16MA	01	Long. & Trans. Cracking	Medium	Crack Sealing - AC	76	Ft	\$2.00	\$152	\$152

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



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

Action Year	Branch ID	Section ID	Branch Use	Surface Type	Current PCI	Action	Area, square	Unit Cost per	Total Cost
				· · ·			feet	square foot	
	A01MA	01	APRON	AC	58	Fog Seal	76,461	\$0.20	\$15,292
	A01MA	06	APRON	AC	90	Fog Seal	48,610	\$0.20	\$9,722
	A01MA	07	APRON	AC	77	Fog Seal	54,712	\$0.20	\$10,942
	A06MA	01	APRON	AC	79	Fog Seal	65,066	\$0.20	\$13,013
2023	A06MA	03	APRON	PCC	29	Reconstruction	7,200	\$11.10	\$79,920
	A06MA	04	APRON	AAC	94	Fog Seal	19,823	\$0.20	\$3,965
	AH16MA	01	APRON	AAC	94	Fog Seal	18,550	\$0.20	\$3,710
	AH16MA	02	APRON	AC	94	Fog Seal	15,442	\$0.20	\$3,088
	AH34MA	01	APRON	AC	94	Fog Seal	13,127	\$0.20	\$2,625
2024	R04MA	01	RUNWAY	AC	57	Overlay	134,997	\$4.90	\$661,446
	T10MA	01	TAXIWAY	AC	19	Reconstruction	9,313	\$11.10	\$103,375
2025	T11MA	02	TAXIWAY	AC	40	Reconstruction	1,543	\$11.10	\$17,127
2023	T11MA	03	TAXIWAY	APC	42	Reconstruction	1,600	\$11.10	\$17,760
	T11MA	04	TAXIWAY	AC	42	Reconstruction	2,500	\$11.10	\$27,750
	A06MA	02	APRON	PCC	43	Reconstruction	7,200	\$11.10	\$79,920
	T02MA	05	TAXIWAY	AC	94	Slurry Seal	10,910	\$0.33	\$3,600
	T03MA	01	TAXIWAY	AC	94	Slurry Seal	6,986	\$0.33	\$2,305
	T03MA	02	TAXIWAY	AC	94	Slurry Seal	20,650	\$0.33	\$6,815
	T04MA	01	TAXIWAY	AC	89	Slurry Seal	6,892	\$0.33	\$2,274
	T05MA	01	TAXIWAY	AC	94	Slurry Seal	3,500	\$0.33	\$1,155
	T06MA	01	TAXIWAY	AC	90	Slurry Seal	19,816	\$0.33	\$6,539
	T07MA	01	TAXIWAY	AC	94	Slurry Seal	3,500	\$0.33	\$1,155
	T08MA	01	TAXIWAY	AC	88	Slurry Seal	10,660	\$0.33	\$3,518
	T09MA	01	TAXIWAY	APC	71	Slurry Seal	2,535	\$0.33	\$837
	T09MA	02	TAXIWAY	AC	71	Slurry Seal	4,725	\$0.33	\$1,559
2026	T09MA	03	TAXIWAY	APC	75	Slurry Seal	4,050	\$0.33	\$1,337
2026	T09MA	04	TAXIWAY	AC	64	Slurry Seal	7,805	\$0.33	\$2,576
	T11MA	01	TAXIWAY	AC	94	Slurry Seal	2,861	\$0.33	\$944
	T12MA	01	TAXIWAY	AC	75	Slurry Seal	872	\$0.33	\$288
	T13MA	01	TAXIWAY	AC	66	Slurry Seal	3,823	\$0.33	\$1,262
	T13MA	02	TAXIWAY	APC	61	Slurry Seal	2,250	\$0.33	\$743
	T13MA	03	TAXIWAY	AC	71	Slurry Seal	8,122	\$0.33	\$2,680
	T13MA	04	TAXIWAY	AC	94	Slurry Seal	5,081	\$0.33	\$1,677
	T14MA	01	TAXIWAY	AC	90	Slurry Seal	10,702	\$0.33	\$3,532
	T15MA	01	TAXIWAY	AC	83	Slurry Seal	4,815	\$0.33	\$1,589
	T16MA	01	TAXIWAY	AC	81	Slurry Seal	4,463	\$0.33	\$1,473
	T17MA	01	TAXIWAY	AC	94	Slurry Seal	10,265	\$0.33	\$3,387
	T17MA	02	TAXIWAY	AC	94	Slurry Seal	23,820	\$0.33	\$7,861
	R16MA	01	RUNWAY	AC	94	Slurry Seal	381,750	\$0.33	\$125,978
	T01MA	01	TAXIWAY	APC	84	Slurry Seal	12,036	\$0.33	\$123,970
	T01MA	02	TAXIWAY	AC	67	Slurry Seal	43,481	\$0.33	\$14,349
2027	T01MA	03	TAXIWAY	AC	89	Slurry Seal	4,375	\$0.33	\$14,549
	T01MA	01	TAXIWAY	AC	86	,	10,072	\$0.33	
		02		AC AC	94	Slurry Seal			\$3,324
	T02MA	UZ	TAXIWAY	AC	94	Slurry Seal	27,340	\$0.33	\$9,022

Abbreviations

PCI = Pavement Condition Index, AC = Asphalt Concrete, AAC = AC overlaid AC, APC = AC over PCC, PCC = Portland Cement Concrete

Cost Summary	
2023 Total Project Cost	\$142,279
2024 Total Project Cost	\$661,446
2025 Total Project Cost	\$166,012
2026 Total Project Cost	\$139,025
2027 Total Project Cost	\$158,088
Total 5-Vear Project Cost	\$1 266 850





APPENDIX E

Re-Inspection Report

48

48

L & T CR

L & T CR

M

L

41.00 Ft

345.00 Ft

ODA_WOC3 Generated Da		_PostBendAnalys	sis 9/30/2022)										Page 1 of 6
Network:	Madras		9/30/2022		Nam	e: Ma	dras Munic	ipal						
Branch:	A01MA		Name	e: Aproi	n 01 Mad		Use		PRON		Area:	2	17,755 SqFt	
Section: 01		of	8	From:	T02, T04	4			To: Ha	angars			Last Const.	: 8/1/1990
Surface: AC	С	Family: 2	2022_Cen on_AC/A	tral_Cat4/5_A _I AC	or Zone	s: S33			Categor	y: L			Rank: P	
Area:	7	6,461 SqFt	Leng	gth:	560 Ft	t	Width:		160	Ft				
Slabs:		Slab Lengt	h:	Ft		Slab Width:			Ft		Jo	int Length:]	Ft
Shoulder:		Street Type	e:			Grade: 0					La	anes: 0		
Section Comn	nents:													
Work Date: 8	8/1/1943	Wor	k Type:	Subbase - Aggr	egate			Code:	SB-AG			Is Major N	M&R: False	
Work Date: 8	8/2/1943	Wor	k Type:	Base Course - A	Aggregate			Code:	BA-AG			Is Major N	M&R: False	
Work Date: 8	8/3/1943	Wor	k Type:	Base Course - A	Aggregate	;		Code:	BA-AG			Is Major N	M&R: True	
Work Date: 8	8/1/1990	Wor	k Type:	New Construct	on - AC			Code:	NC-AC			Is Major N	M&R: True	
Work Date: 9	9/1/1997	Wor	k Type: (Crack Sealing -	AC			Code:	CS-AC			Is Major N	M&R: False	
Work Date: 9	9/1/2000	Wor	k Type: (Crack Sealing -	AC			Code:	CS-AC			Is Major N	M&R: False	
Work Date: (6/1/2001	Wor	k Type: (Crack Sealing -	AC			Code:	CS-AC			Is Major N	M&R: False	
Work Date: 9	9/1/2008	Wor	k Type: (Crack Sealing -	AC			Code:	CS-AC			Is Major N	M&R: False	
Work Date: 9	9/2/2008	Wor	k Type:	Patching - AC l	Оеер			Code:	PA-AD			Is Major N	M&R: False	
Last Insp. Da	te: 3/1/20)22	To	talSamples:	14		Surve	eyed:	6					
Conditions:	PCI:	58												
Inspection Co	omments:													
Sample Numb	ber: 01	Type:	R		Area:	500	0.00 SqFt		PC	I: 54				
Sample Comm	ments:	Created by Inspe	ction Sch	edule										
48 L&T	CP		M	250.00	E+									
50 PATCI			L		SqFt									
	THERING		M	5000.00										
	GATOR CR	l.	M		SqFt									
Sample Numb	ber: 03	Type:	R		Area:	500	0.00 SqFt		PC	I: 69				
Sample Comn	ments:	Created by Inspe	ction Sch	edule										
48 L&T	CP	-	M	80 00	E+									
	CK THERING		M M	80.00 5000.00										
48 L&T			L	138.00	-									
48 L&T			L	198.00										
48 L&T			L	25.00										
Sample Numb		Type:			Area:	500	0.00 SqFt		DC.	I: 57				
Sample Tumi Sample Comn		Created by Inspe			Aica.	300	0.00 Sqrt		10	1. 57				
48 L&T		- 1	L	256.00	Et									
48 L&T			M	65.00										
	THERING		M	5000.00										
			L	248.00	-									
	HING GATOR CR	<u> </u>	L M		SqFt SqFt									
Sample Numb					Area:	500	0.00 SqFt		DC.	I: 49				
Sample Numb Sample Comm		Type: Created by Inspec			aiva.	500	o.oo sqft		rc	1. 1 7				
57 WEAT	THERING		M	5000.00	SaFt									
48 L&T			M	39.00	-									
				37.00										

48	L & T CR	L	300.00 Ft			
41	ALLIGATOR CR	M	12.00 SqFt			
41	ALLIGATOR CR	M	20.00 SqFt			
50	PATCHING	L	75.00 SqFt			
50	PATCHING	L	240.00 SqFt			
Sam	ple Number: 09	Type: A	Area:	5000.00 SqFt	PCI: 44	
Sam	ple Comments:					
48	L & T CR	M	160.00 Ft			
41	ALLIGATOR CR	M	120.00 SqFt			
48	L & T CR	M	100.00 Ft			
48	L & T CR	L	56.00 Ft			
57	WEATHERING	M	5000.00 SqFt			
41	ALLIGATOR CR	M	10.00 SqFt			
Sam	ple Number: 10	Type: R	Area:	6000.00 SqFt	PCI: 65	
Sam	ple Comments: Creat	ed by Inspection Sched	ule			
57	WEATHERING	M	6000.00 SqFt			
48	L & T CR	L	12.00 Ft			

313.00 Ft

90.00 Ft

M

M

48

48

L & T CR

L & T CR

Netwo	ork: Madras			N	Name: Ma	adras Municipal			
Branc	ch: A01MA		Name:	Apron 01 N	Madras	Use:	APRON	Area: 217,75	5 SqFt
Section	on: 04	of	8 F1	rom: A01	-01		To: HANC	GAR Las	st Const.: 9/4/1943
Surfa					Zone: S33		Category: L		nk: P
Suria	ice: PCC		022_Central_C Jses_PCC	.at4/3_Att Z	one: 333		Category: L	. Ka	iik; r
Area:	:	9,986 SqFt	Length:	12	0 Ft	Width:	80 Ft		
Slabs	: 72	Slab Lengtl	h:	15 Ft	Slab Width:	:	10 Ft	Joint Length:	1,400 Ft
Shoul		Street Type				0		Lanes: 0	,
		Street Type	·•		Graue.	U		Lanes. 0	
Section	on Comments:								
Work	Date: 9/1/1943	Worl	k Type: Subba	se - Aggregate		Coc	de: SB-AG	Is Major M&R	: True
Work	Date: 9/2/1943	Worl	k Type: Subba	se - Aggregate	:	Cod	de: SB-AG	Is Major M&R	: True
Work	Date: 9/3/1943	Worl	k Type: Subba	se - Aggregate	:	Coc	de: SB-AG	Is Major M&R	: True
Work	Date: 9/4/1943	Worl	k Type: New C	Construction - l	PCC	Cod	de: NC-PC	Is Major M&R	: True
Last 1	Insp. Date: 3/1/2	2022	TotalSa	mples: 4		Surveyed	: 4		
	itions: PCI:	53		-		•			
mspe	ction Comments:								
Samp	ole Number: 01	Type:	R	Area	: 2	20.00 Slabs	PCI:	33	
Samp	ole Comments:	Created by Inspec	ction Schedule						
63	LINEAR CR		M	1.00 Sla	hs				
74	JOINT SPALL		L	3.00 Sla					
7 4 75	CORNER SPAI	L	L	1.00 Sla					
73	SHRINKAGE C		N	16.00 Sla					
70	SCALING		Н	1.00 Sla					
74	JOINT SPALL		Н	1.00 Sla					
74	JOINT SPALL		H	2.00 Sla	bs				
75	CORNER SPAI	L	M	2.00 Sla	bs				
75	CORNER SPAI	L	L	1.00 Sla	bs				
74	JOINT SPALL		M	3.00 Sla					
74	JOINT SPALL		M	3.00 Sla					
74	JOINT SPALL		L	4.00 Sla					
63	LINEAR CR		L	1.00 Sla					
70	SCALING		L	1.00 Sla					
_	ole Number: 02	Type:		Area	: 2	20.00 Slabs	PCI:	62	
Samp	ole Comments:	Created by Inspec	ction Schedule						
74	JOINT SPALL		M	3.00 Sla	bs				
74	JOINT SPALL		L	3.00 Sla					
73	SHRINKAGE C	CR	N	5.00 Sla					
75	CORNER SPAI		L	4.00 Sla					
70	SCALING		L	2.00 Sla					
75	CORNER SPAI	L	L	3.00 Sla					
74	JOINT SPALL		M	5.00 Sla					
74	JOINT SPALL		L	7.00 Sla					
Samp	ole Number: 03	Type:	R	Area	:	16.00 Slabs	PCI:	62	
Samp	ole Comments:	Created by Inspec	ction Schedule						
75	CORNER SPAI	L	M	2.00 Sla	bs				
75	CORNER SPAI		L	2.00 Sla					
75	CORNER SPAI		L	1.00 Sla					
73	SHRINKAGE C	CR	N	14.00 Sla					
74	JOINT SPALL	т	M	1.00 Sla					
75 74	CORNER SPAL	L	M	1.00 Sla					
74 74	JOINT SPALL JOINT SPALL		L L	2.00 Sla 6.00 Sla					
74 74	JOINT SPALL JOINT SPALL		L M	2.00 Sla					
		no.				1.6 00 C1-1.	DCI.	50	
_	ole Number: 04	Type:		Area		16.00 Slabs	PCI:	39	
Samp	ole Comments:	Created by Inspec	ction Schedule						
75	CORNER SPAI	L	L	4.00 Sla	bs				
70	SCALING		L	1.00 Sla					
-									

74	JOINT SPALL	M	3.00 Slabs
73	SHRINKAGE CR	N	15.00 Slabs
74	JOINT SPALL	L	4.00 Slabs
75	CORNER SPALL	L	1.00 Slabs
74	JOINT SPALL	M	1.00 Slabs
75	CORNER SPALL	M	1.00 Slabs
74	JOINT SPALL	L	6.00 Slabs

Network: Madras		Name:	•			
Branch: A01MA	Name:	Apron 01 Madras	Use:	APRON	Area:	217,755 SqFt
Section: 02	of 8	From: A01-01		To: A01-01		Last Const.: 9/4/1943
Surface: PCC	Family: 2022_Centra Uses_PCC	al_Cat4/5_All Zone: S	33	Category: L		Rank: P
Area: 7,2	200 SqFt Length	90 Ft	Width:	80 Ft		
Slabs: 30	Slab Length:	16 Ft Slab W	idth:	5 Ft	Joint Leng	760 Ft
Shoulder:	Street Type:	Grade:	0		Lanes:	0
Section Comments:						
Work Date: 9/1/1943	Work Type: Sul	bbase - Aggregate	Code	e: SB-AG	Is Maj	or M&R: True
Work Date: 9/2/1943	Work Type: Sul	bbase - Aggregate	Code	e: SB-AG	Is Maj	or M&R: True
Work Date: 9/3/1943	Work Type: Sul	bbase - Aggregate	Code	e: SB-AG	Is Maj	or M&R: True
Work Date: 9/4/1943						
WOLK Date: 9/4/1943	Work Type: Ne	w Construction - PCC	Code	e: NC-PC	Is Maj	or M&R: True
		w Construction - PCC ISamples: 2	Code Surveyed:		Is Maj	or M&R: True
Last Insp. Date: 3/1/202	2 Tota				Is Maj	or M&R: True
Last Insp. Date: 3/1/202. Conditions: PCI: 48	2 Tota				Is Maj	or M&R: True
Last Insp. Date: 3/1/202. Conditions: PCI: 48 Inspection Comments:	2 Tota				Is Maj	or M&R: True
Last Insp. Date: 3/1/2022 Conditions: PCI: 48 Inspection Comments: Sample Number: 01	2 Tota	ISamples: 2 Area:	Surveyed:	2	Is Maj	or M&R: True
Last Insp. Date: 3/1/202. Conditions: PCI: 48 Inspection Comments: Comple Number: 01 Comple Comments: C	2 Tota Type: R	ISamples: 2 Area:	Surveyed:	2	Is Maj	or M&R: True
Last Insp. Date: 3/1/202. Conditions: PCI: 48 Inspection Comments: Sample Number: 01 Sample Comments: C	2 Tota Type: R Treated by Inspection Schedu	lSamples: 2 Area:	Surveyed:	2	Is Maj	or M&R: True
Last Insp. Date: 3/1/202. Conditions: PCI: 48 Inspection Comments: Sample Number: 01 Sample Comments: C 53 LINEAR CR 52 CORNER BREAK	2 Tota Type: R Created by Inspection Schedu	Area: ule 4.00 Slabs	Surveyed:	2	Is Maj	or M&R: True
Last Insp. Date: 3/1/2022 Conditions: PCI: 48 Inspection Comments: Sample Number: 01 Sample Comments: C 63 LINEAR CR 62 CORNER BREAK 73 SHRINKAGE CR	Type: R Created by Inspection Schedu	Area: ule 4.00 Slabs 1.00 Slabs	Surveyed:	2	Is Maj	or M&R: True
Last Insp. Date: 3/1/2022 Conditions: PCI: 48 Inspection Comments: Sample Number: 01 Sample Comments: C 63 LINEAR CR 62 CORNER BREAK 73 SHRINKAGE CR 72 SHAT. SLAB	Type: R Created by Inspection Schedu	Area: ule 4.00 Slabs 1.00 Slabs 15.00 Slabs	Surveyed:	2	Is Maj	or M&R: True
Last Insp. Date: 3/1/2022 Conditions: PCI: 48 Inspection Comments: Sample Number: 01 Sample Comments: C 63 LINEAR CR 62 CORNER BREAK 73 SHRINKAGE CR 72 SHAT. SLAB 63 LINEAR CR	Type: R Created by Inspection Schedu	Area: ule 4.00 Slabs 1.00 Slabs 15.00 Slabs 6.00 Slabs	Surveyed:	2	Is Maj	or M&R: True
Last Insp. Date: 3/1/202. Conditions: PCI: 48 Inspection Comments: Sample Number: 01 Sample Comments: C 63 LINEAR CR 62 CORNER BREAK 73 SHRINKAGE CR 72 SHAT. SLAB 63 LINEAR CR 72 SHAT. SLAB	Type: R Created by Inspection Schedu	Area: ule 4.00 Slabs 1.00 Slabs 15.00 Slabs 6.00 Slabs 3.00 Slabs	Surveyed:	2	Is Maj	or M&R: True
Last Insp. Date: 3/1/202. Conditions: PCI: 48 Inspection Comments: Sample Number: 01 Sample Comments: C 63 LINEAR CR 62 CORNER BREAK 73 SHRINKAGE CR 72 SHAT. SLAB 63 LINEAR CR 72 SHAT. SLAB 63 LINEAR CR 72 SHAT. SLAB 63 LINEAR CR 74 SHAT. SLAB	Type: R Treated by Inspection Schedu L L N L L L L L	Area: ule 4.00 Slabs 1.00 Slabs 15.00 Slabs 6.00 Slabs 3.00 Slabs 2.00 Slabs Area:	Surveyed: 15.00 Slabs	PCI: 37	Is Maj	or M&R: True
Last Insp. Date: 3/1/202. Conditions: PCI: 48 Inspection Comments: Sample Number: 01 Sample Comments: C 63 LINEAR CR 62 CORNER BREAK 73 SHRINKAGE CR 72 SHAT. SLAB 63 LINEAR CR 74 SHAT. SLAB 65 LINEAR CR 67 SHAT. SLAB 66 SAMPLE Number: 02 Sample Comments: C	Type: R Created by Inspection Schedule L L N L L L Type: R Created by Inspection Schedule	Area: ule 4.00 Slabs 1.00 Slabs 15.00 Slabs 6.00 Slabs 3.00 Slabs 2.00 Slabs Area:	Surveyed: 15.00 Slabs	PCI: 37	Is Maj	or M&R: True
Last Insp. Date: 3/1/202. Conditions: PCI: 48 Inspection Comments: Sample Number: 01 Sample Comments: C 63 LINEAR CR 62 CORNER BREAK 73 SHRINKAGE CR 72 SHAT. SLAB 63 LINEAR CR 72 SHAT. SLAB Sample Number: 02 Sample Comments: C 72 SHAT. SLAB	Type: R Freated by Inspection Schedule L L N L L L Type: R Freated by Inspection Schedule L Type: R Freated by Inspection Schedule	Area: ule 4.00 Slabs 1.00 Slabs 15.00 Slabs 6.00 Slabs 3.00 Slabs 2.00 Slabs Area: ule	Surveyed: 15.00 Slabs	PCI: 37	Is Maj	or M&R: True
Last Insp. Date: 3/1/202 Conditions: PCI: 48 Inspection Comments: Sample Number: 01 Sample Comments: C 63 LINEAR CR 62 CORNER BREAK 73 SHRINKAGE CR 72 SHAT. SLAB 63 LINEAR CR 72 SHAT. SLAB Sample Number: 02 Sample Comments: C 73 SHAT. SLAB SAMPLE COMMENTS: C 74 SHAT. SLAB SAMPLE COMMENTS: C 75 SHAT. SLAB SAMPLE COMMENTS: C 76 SHAT. SLAB SHRINKAGE CR	Type: R Freated by Inspection Schedule L L N L L L Type: R Freated by Inspection Schedule L L Type: R Freated by Inspection Schedule	Area: ule 4.00 Slabs 1.00 Slabs 15.00 Slabs 6.00 Slabs 3.00 Slabs 2.00 Slabs Area: ule 1.00 Slabs 15.00 Slabs	Surveyed: 15.00 Slabs	PCI: 37	Is Maj	or M&R: True
Last Insp. Date: 3/1/202. Conditions: PCI: 48 Inspection Comments: Sample Number: 01 Sample Comments: C 63 LINEAR CR 62 CORNER BREAK 73 SHRINKAGE CR 72 SHAT. SLAB 63 LINEAR CR 72 SHAT. SLAB Sample Number: 02 Sample Comments: C 72 SHAT. SLAB	Type: R Freated by Inspection Schedule L L N L L L Type: R Freated by Inspection Schedule L Type: R Freated by Inspection Schedule	Area: ule 4.00 Slabs 1.00 Slabs 15.00 Slabs 6.00 Slabs 3.00 Slabs 2.00 Slabs Area: ule	Surveyed: 15.00 Slabs	PCI: 37	Is Maj	or M&R: True

Networ	·k: Madras				Name	e: Mac	dras Munici	ipal						
Branch	: A01MA		Name:	Apron	01 Madr	as	Use	: AI	PRON	A	Area:	217,75	5 SqFt	
Section	: 03	of	8	From:	A01-01				To: H	ANGAR		Las	st Const.:	9/4/1943
Surface	e: PCC	Family:	2022_Centra Uses_PCC	ıl_Cat4/5_All	Zone	: S33			Categor	y: L		Ra	nk: P	
Area:		9,986 SqFt	Length	ı:	120 Ft		Width:		80) Ft				
Slabs:	72	Slab Len	gth:	15 Ft	;	Slab Width:		10	Ft		Joint Len	gth:	1,400 F	t
Should	er:	Street Ty	pe:		(Grade: 0					Lanes:	0		
Section	Comments:	•												
Work I	Date: 9/1/1943	Wo	ork Type: Su	bbase - Aggre	gate			Code:	SB-AG		Is Ma	jor M&R	: True	
Work I	Date: 9/2/1943	Wo	ork Type: Su	bbase - Aggre	gate			Code:	SB-AG		Is Ma	jor M&R	: True	
Work I	Date: 9/3/1943	Wo	ork Type: Su	bbase - Aggre	gate			Code:	SB-AG		Is Ma	jor M&R	: True	
Work I	Date: 9/4/1943	Wo	ork Type: Ne	w Construction	on - PCC			Code:	NC-PC		Is Ma	jor M&R	: True	
Last In	sp. Date: 3/1/2	2022	Tota	lSamples:	4		Surve	yed:	4					
Condit	ions: PCI:	81												
Inspect	tion Comments:													
	Number: 01	Тур	e: R		rea:	20	0.00 Slabs		PC	I: 74				
_	Comments:	Created by Ins			irca.	20	0.00 51403		10	.1. / 1				
74	JOINT SPALL		L		Slabs									
	CORNER SPAI	ī	M	1.00										
	JOINT SPALL	L	L	8.00	Slabs									
	CORNER SPAI	I	L	1.00	Slabs									
	CORNER SPAI		L	2.00										
	JOINT SPALL		M		Slabs									
	CORNER SPAI	T	L	1.00	Slabs									
	CORNER SPAI		L		Slabs									
	Number: 02	Тур			rea:	20	0.00 Slabs		PC	I: 89				
_	Comments:	Created by Ins			irca.	20	0.00 51403		10	.1. 07				
75	CORNER SPAI				Slabs									
	CORNER SPAI		L		Slabs									
		JL.	r L		Slabs									
	JOINT SPALL JOINT SPALL		L L		Slabs									
	Number: 03	Тур			rea:	14	6.00 Slabs		D/	T: 76				
_	e Comments:	Created by Insp			ii ca.	TC	0.00 Stabs		10	.1. /0				
73	SHRINKAGE C	CR	N	1.00	Slabs									
74	JOINT SPALL		L	2.00	Slabs									
	JOINT SPALL		L		Slabs									
	CORNER SPAI	L	L		Slabs									
	JOINT SPALL		M		Slabs									
74	JOINT SPALL		L	1.00	Slabs									
Sample	Number: 04	Тур	e: R	A	rea:	10	6.00 Slabs		PC	I: 84				
Sample	Comments:	Created by Insp	pection Sched	ule										
74	JOINT SPALL		L	3.00	Slabs									
	JOINT SPALL		L		Slabs									
	JOINT SPALL		M		Slabs									
	CORNER SPAI	L	L		Slabs									

Network:	Madras				Name:	Ma	dras Munici	ipal	•					
Branch:	A01MA		Name:	Apron	01 Madras	3	Use	: AP	RON	A	rea:	217,755	5 SqFt	
Section:	05	of	. 8	From:	Section 02				То: Т	axiway 02		Las	t Const.:	9/2/201
Surface:	PCC	Family:	2022_Central Uses_PCC	_Cat4/5_All	Zone:	S33			Catego	ry: L		Rar	nk: P	
Area:		3,600 SqFt	Length	;	90 Ft		Width:		4	0 Ft				
Slabs:	18	Slab Len	gth:	15 Ft	SI	ab Width:		13	Ft		Joint L	ength:	387 Ft	
Shoulder:		Street Ty	pe:		G	rade: 0					Lanes:	0		
Section Co	omments:													
Work Date	e: 1/1/1761	Wo	ork Type: Nev	v Construction	on - PCC			Code:	NC-PC	2	Is N	Major M&R:	True	
Work Date	e: 9/1/2011	Wo	ork Type: Bas	e Course - A	ggregate			Code:	BA-A	G	Is N	Major M&R:	False	
Work Date	e: 9/2/2011	Wo	ork Type: Nev	v Construction	on - PCC			Code:	NC-PC	2	Is N	Major M&R:	True	
Last Insp.	Date: 3/1/2	2022	Total	Samples:	1		Surve	yed: 1						
Conditions	s: PCI:	80												
Inspection	Comments													
Sample Nu	ımber: 01	Тур	e: R	A	rea:	1	8.00 Slabs		P	CI: 80				
Sample Co	mments.	Created by Insp		le										

Sample Number: 01	Type: R	Area:	18.00 Slabs	PCI: 80	
Sample Comments:	Created by Inspection Schedule				

67	LARGE PATCH	L	1.00	Slabs
74	JOINT SPALL	L	5.00	Slabs
74	JOINT SPALL	L	6.00	Slabs
75	CORNER SPALL	M	1.00	Slabs

Network: Madras	•			Name:		ras Munici	pai						
Branch: A01M	A	Name:	Apron 01	1 Madras		Use:	AP	RON	Aı	rea:	217,755	5 SqFt	
Section: 08	of	f 8	From: Co	oncrete Pad				To: See	Map		Las	t Const.:	9/4/1943
Surface: PCC	Family:	2022_Central Uses_PCC	_Cat4/5_All	Zone:	S33			Category:	L		Ran	nk: P	
Area:	7,200 SqFt	Length:	:	90 Ft		Width:		80 I	it .				
Slabs: 30	Slab Len	gth:	15 Ft	Slab	Width:		16	Ft		Joint Ler	ngth:	760 Ft	
Shoulder:	Street Ty	pe:		Grad	de: 0					Lanes:	0		
Section Comments:													
Work Date: 9/1/1943	3 We	ork Type: Sub	base - Aggrega	ate		-	Code:	SB-AG		Is Ma	ajor M&R:	True	
Work Date: 9/2/1943	3 We	ork Type: Sub	base - Aggrega	ate		ı	Code:	SB-AG		Is Ma	ajor M&R:	True	
Work Date: 9/3/1943	3 We	ork Type: Sub	base - Aggrega	ate		-	Code:	SB-AG		Is Ma	ajor M&R:	True	
Work Date: 9/4/1943	3 We	ork Type: Nev	v Construction	- PCC			Code:	NC-PC		Is Ma	oiou M P.D.	True	
				100						15 1/13	ajor M&R:	Truc	
Last Insp. Date: 3/1	/2022	Totals	Samples: 2				yed: 2			18 1813	ajor M&K:	Truc	
_		Totals	Samples: 2							15 1413	ajor M&K:	Truc	
Conditions: PCI:	52	Totals	Samples: 2							18 1/13	ajor Mæk:	Truc	
Conditions: PCI:	52 s:		Samples: 2		15				45	IS IVI	ajor M&K:	Truc	
Conditions: PCI: Inspection Comment Sample Number: 0	52 s :	e: R	Are		15	Surve			45	IS IVE	ajor M&K:	Truc	
Conditions: PCI: Inspection Comment Sample Number: 0 Sample Comments:	52 s: Typ Created by Insp	e: R	Are	ea:	15	Surve			45	IS IVE	ajor M&K:	Truc	
Conditions: PCI: nspection Comment Sample Number: 0 Sample Comments: 57 LARGE PATC	52 s: Typ Created by Insp	pe: R	Are	ea:	15	Surve			45	IS IVE	ajor M&K:	Truc	
Conditions: PCI: Inspection Comment Sample Number: 0 Sample Comments: A LARGE PATO SHRINKAGE LINEAR CR	52 s: Typ Created by Insp	pe: R pection Schedu L	Arc le 3.00 S 15.00 S 1.00 S	ea: Slabs Slabs	15	Surve			45	IS IVE	ajor M&K:	Truc	
Conditions: PCI: Inspection Comment Sample Number: 0 Sample Comments: 57 LARGE PATC 73 SHRINKAGE 63 LINEAR CR 63 LINEAR CR	52 s: Typ Created by Insp	pee: R pection Schedu L N M L	Arcelle 3.00 S 15.00 S 1.00 S 8.00 S	ea: Slabs Slabs Slabs	15	Surve			45	IS IVE	ajor M&K:	Truc	
Conditions: PCI: Inspection Comment Sample Number: 0 Sample Comments: 67 LARGE PATC 73 SHRINKAGE 63 LINEAR CR 63 LINEAR CR 64 LINEAR CR 65 LINEAR CR	52 s: Typ Created by Insp	pee: R pection Schedu L N M L M	Arc le 3.00 S 15.00 S 1.00 S 8.00 S 1.00 S	ea: Slabs Slabs Slabs Slabs	15	Surve			45	IS IVE	ajor M&K:	Truc	
Conditions: PCI: Inspection Comment Sample Number: 0 Sample Comments: 67 LARGE PATC 73 SHRINKAGE 63 LINEAR CR 63 LINEAR CR 64 LINEAR CR 65 LINEAR CR 65 LINEAR CR 65 LINEAR CR	52 s: Typ Created by Insp	pee: R pection Schedu L N M L M L M L	Arcelle 3.00 S 15.00 S 1.00 S 8.00 S 1.00 S 4.00 S	ea: Slabs Slabs Slabs Slabs	15	Surve			45	IS IVE	ajor M&K:	Truc	
Conditions: PCI: Inspection Comment Sample Number: 0 Sample Comments: CONTROL ARGE PATO CONTROL ARGE CONTROL A	52 s: Typ Created by Insp	pee: R pection Schedu L N M L M	Arc le 3.00 S 15.00 S 1.00 S 8.00 S 1.00 S	ea: Slabs Slabs Slabs Slabs	15	Surve			45	IS IVE	ajor M&K:	Truc	
Conditions: PCI: Inspection Comment Sample Number: 0 Sample Comments: CONTROL LARGE PATO	52 s: Typ Created by Insp CH CR	pe: R pection Schedu L N M L M L L L L	Arcelle 3.00 S 15.00 S 1.00 S 8.00 S 1.00 S 4.00 S	ea: Slabs Slabs Slabs Slabs Slabs		Surve				IS IVE	ajor M&K:	Truc	
Conditions: PCI: Inspection Comment Sample Number: 0 Sample Comments: 67 LARGE PATC 63 SHRINKAGE 63 LINEAR CR 63 LINEAR CR 63 LINEAR CR 64 LINEAR CR 65 LINEAR CR 66 LINEAR CR 67 SHAT. SLAB	52 s: Typ Created by Insp CH CR	pee: R pection Schedu L N M L M L L L ee: R	Arcele 3.00 S 15.00 S 1.00 S 8.00 S 1.00 S 4.00 S 1.00 S	ea: Slabs Slabs Slabs Slabs Slabs		Survey		PCI:		IS IVE	ajor M&K:	Truc	
Conditions: PCI: Inspection Comment Sample Number: 0 Sample Comments: 57 LARGE PATO 73 SHRINKAGE 53 LINEAR CR 54 LINEAR CR 55 LINEAR CR 56 LINEAR CR 57 SHAT. SLAB Sample Number: 0 Sample Comments:	52 s: 1 Typ Created by Insp CH CR	pee: R pection Schedu L N M L M L L L ee: R	Arcele 3.00 S 15.00 S 1.00 S 8.00 S 1.00 S 4.00 S 1.00 S	ea: Slabs Slabs Slabs Slabs Slabs		Survey		PCI:		IS IVE	ajor M&K:	Truc	
Conditions: PCI: Inspection Comment Sample Number: 0 Sample Comments: 57 LARGE PATO 73 SHRINKAGE 63 LINEAR CR 63 LINEAR CR 63 LINEAR CR 63 LINEAR CR 72 SHAT. SLAB Sample Comments: 72 SHAT. SLAB	52 s: 1 Typ Created by Insp CH CR	pection Schedu L N M L M L L Ce: R	Arc le 3.00 S 15.00 S 1.00 S 8.00 S 1.00 S 4.00 S 1.00 S	ea: Slabs Slabs Slabs Slabs Slabs		Survey		PCI:		IS IVE	ajor M&K:	Truc	
Conditions: PCI: Inspection Comment Sample Number: 0 Sample Comments: 67 LARGE PATC 63 SHRINKAGE 63 LINEAR CR 63 LINEAR CR 63 LINEAR CR 64 LINEAR CR 72 SHAT. SLAB Sample Comments: 68 SAMPLE COMMENTS: 69 SHAT. SLAB COMMENTS: 69 SHAT. SLAB COMMENTS: 60 SHAT. SLAB COMMENTS: 61 LINEAR CR	52 s: 1 Typ Created by Insp CH CR 2 Typ Created by Insp	pection Schedu L N M L M L L De: R pection Schedu L	Arc le 3.00 S 15.00 S 1.00 S 8.00 S 1.00 S 4.00 S 1.00 S 4.00 S 1.00 S	ea: Slabs Slabs Slabs Slabs Slabs Slabs		Survey		PCI:		IS IVE	ajor M&K:	Truc	
Sample Number: 0 Sample Comments: 67 LARGE PATC 73 SHRINKAGE 63 LINEAR CR 63 LINEAR CR 63 LINEAR CR 63 LINEAR CR 72 SHAT. SLAB Sample Comments: 72 SHAT. SLAB LINEAR CR	52 s: 1 Typ Created by Insp CH CR 2 Typ Created by Insp CR	pection Schedu L N M L M L L De: R pection Schedu L L	Arc le 3.00 S 15.00 S 1.00 S 8.00 S 1.00 S 4.00 S 1.00 S 4.00 S 1.00 S 1.00 S	ea: Slabs Slabs Slabs Slabs Slabs Slabs Slabs		Survey		PCI:		IS IVE	ajor M&K:	Truc	

Network: Madras		Name	: Madras Munic	einal	
Branch: A01MA	Name:	Apron 01 Madra			Area: 217,755 SqFt
Section: 07		From: See Map		To: -	Last Const.: 9/3/2011
		•	~~~		
Surface: AC Fa	amily: 2022_Central_ on_AC/AAC	Cat4/5_Apr Zone:	S33	Category: L	Rank: P
Area: 54,712 S	SqFt Length:	405 Ft	Width:	153 Ft	
Slabs: S	Slab Length:	Ft S	lab Width:	Ft	Joint Length: Ft
Shoulder: S	Street Type:	(Grade: 0		Lanes: 0
Section Comments:					
Work Date: 9/1/2011	Work Type: Subb	ase - Aggregate		Code: SB-AG	Is Major M&R: False
Work Date: 9/2/2011	Work Type: Base	Course - Aggregate		Code: BA-AG	Is Major M&R: False
Work Date: 9/3/2011	Work Type: New	Construction - AC		Code: NC-AC	Is Major M&R: True
Last Insp. Date: 3/1/2022	TotalS	amples: 10	Surv	eyed: 4	
Conditions: PCI: 77					
Inspection Comments:					
Sample Number: 01	Type: R	Area:	5000.00 SqFt	PCI: 71	
Sample Comments: Create	d by Inspection Schedule	e			
48 L & T CR	M	100.00 Ft			
48 L & T CR	L	25.00 Ft			
WEATHERING	L	5000.00 SqFt			
48 L & T CR	M	100.00 Ft			
Sample Number: 04	Type: R	Area:	5500.00 SqFt	PCI: 73	
Sample Comments: Create	d by Inspection Schedule				
57 WEATHERING	L	5500.00 SqFt			
48 L & T CR	M	200.00 Ft			
48 L & T CR	L	8.00 Ft			
Sample Number: 06	Type: R	Area:	5500.00 SqFt	PCI: 74	
Sample Comments: Create	d by Inspection Schedule				
57 WEATHERING	L	5500.00 SqFt			
48 L & T CR	M	185.00 Ft			
Sample Number: 09	Type: R	Area:	5151.00 SqFt	PCI: 91	
Sample Comments: Create	d by Inspection Schedule	2			

L L 8.00 Ft

5151.00 SqFt

L & T CR

WEATHERING

48

57

Network: Madras		Name:	Madras Municipal		
	Nama			APRON Are	217.755 C-E4
	Name:	Apron 01 Madras	Use: A		, 1
Section: 06		From: See Map		То: -	Last Const.: 9/2/2011
Surface: AC F	Family: 2022_Central_on_AC/AAC	Cat4/5_Apr Zone:	S33	Category: L	Rank: P
Area: 48,610 S	SqFt Length:	319 Ft	Width:	173 Ft	
Slabs:	Slab Length:	Ft Slab	Width:	Ft	Joint Length: Ft
Shoulder:	Street Type:	Grad	le: 0		Lanes: 0
Section Comments:					
Work Date: 9/1/2011	Work Type: Subb	ase - Aggregate	Code	: SB-AG	Is Major M&R: False
Work Date: 9/2/2011	Work Type: Base	Course - Aggregate	Code	: BA-AG	Is Major M&R: False
Work Date: 9/2/2011	Work Type: New	Construction - AC	Code	: NC-AC	Is Major M&R: True
Inspection Comments: Sample Number: 02	Type: R	Area:	5000.00 SqFt	PCI: 90	
•	red by Inspection Schedule		5000.00 SqFt	PCI: 90	
P					
57 WEATHERING	T				
57 WEATHERING 48 L & T CR	L L	5000.00 SqFt 23.00 Ft			
48 L & T CR	L	5000.00 SqFt 23.00 Ft Area:	5000.00 SqFt	PCI: 89	
48 L & T CR Sample Number: 03		23.00 Ft Area:	5000.00 SqFt	PCI: 89	
48 L & T CR Sample Number: 03	Type: R	23.00 Ft Area:	5000.00 SqFt	PCI: 89	
48 L & T CR Sample Number: 03 Sample Comments: Create	L Type: R ed by Inspection Schedule	23.00 Ft Area:	5000.00 SqFt	PCI: 89	
48 L & T CR Sample Number: 03 Sample Comments: Create 57 WEATHERING 48 L & T CR	L Type: R ed by Inspection Schedule L	23.00 Ft Area: 5000.00 SqFt	5000.00 SqFt 5000.00 SqFt	PCI: 89	
48 L & T CR Sample Number: 03 Sample Comments: Create 57 WEATHERING 48 L & T CR Sample Number: 05	L Type: R ed by Inspection Schedule L L	23.00 Ft Area: 5000.00 SqFt 53.00 Ft Area:			
48 L & T CR Sample Number: 03 Sample Comments: Create 57 WEATHERING 48 L & T CR Sample Number: 05	Type: R ed by Inspection Schedule L L Type: R	23.00 Ft Area: 5000.00 SqFt 53.00 Ft Area:			
48 L & T CR Sample Number: 03 Sample Comments: Create 57 WEATHERING 48 L & T CR Sample Number: 05 Sample Comments: Create	Type: R ed by Inspection Schedule L L Type: R ed by Inspection Schedule	23.00 Ft Area: 5000.00 SqFt 53.00 Ft Area:			
48 L & T CR Sample Number: 03 Sample Comments: Create 57 WEATHERING 48 L & T CR Sample Number: 05 Sample Comments: Create 48 L & T CR	Type: R ed by Inspection Schedule L L Type: R ed by Inspection Schedule	23.00 Ft Area: 5000.00 SqFt 53.00 Ft Area:			

15.00 Ft 4500.00 SqFt

L L

L & T CR WEATHERING

48 57

	: Madras				Name	e: Mad	ras Municipa	al					
Branch:	A02MA		Name:	Apron	02 Madr	as	Use:	APRON		Area:		7,200 SqFt	
Section:	01	of	f 1	From:	T04			To:	T05			Last Const.:	9/1/1943
Surface:	PCC	Family:	2022_Central Uses_PCC	_Cat4/5_All	Zone	S33		Cate	gory: L			Rank: P	
Area:		7,200 SqFt	Length:		90 Ft		Width:		80 Ft				
Slabs:	48	Slab Len	gth:	15 Ft	5	Slab Width:		10 Ft		Joint 1	Length:	1,030 Ft	
Shoulder	r :	Street Ty	pe:		(Grade: 0				Lanes	: 0		
Section (Comments:												
Work Da	ate: 9/1/1943	Wo	ork Type: Nev	v Construction	on - PCC		C	ode: NC-	-PC	Is	Major N	M&R: True	
Last Insp	p. Date: 3/1/20	022	Totals	Samples:	2		Surveye	ed: 2					
Conditio	ons: PCI:	53											
Inspectio	on Comments:												
Sample I	Number: 01	Тур	e: R	A	rea:	24	l.00 Slabs		PCI: 44	 4			
-			pection Schedu										
Sample (Comments.	Created by maj	peetion beneau										
_					Slabs								
75 C	CORNER SPALI OINT SPALL		L L L		Slabs Slabs								
75 C	ORNER SPALI		L	3.00									
75 C 74 JO 74 JO	ORNER SPALI OINT SPALL	L	L L	3.00 4.00	Slabs								
75 C 74 J0 74 J0 75 C	ORNER SPALI OINT SPALL OINT SPALL	L	L L M	3.00 4.00 7.00 2.00	Slabs Slabs								
75 C 74 JG 74 JG 75 C 75 C	ORNER SPALI OINT SPALL OINT SPALL ORNER SPALI	L	L L M H	3.00 4.00 7.00 2.00	Slabs Slabs Slabs								
75 C 74 JG 74 JG 75 C 75 C	CORNER SPALI OINT SPALL OINT SPALL CORNER SPALI CORNER SPALI	L L	L L M H M	3.00 4.00 7.00 2.00 1.00 24.00 1.00	Slabs Slabs Slabs Slabs Slabs								
75 C 74 JG 74 JG 75 C 75 C 65 JT 75 C 74 JG	CORNER SPALI OINT SPALL OINT SPALL CORNER SPALI CORNER SPALI T SEAL DMG CORNER SPALI OINT SPALL	L L	L L M H M M H	3.00 4.00 7.00 2.00 1.00 24.00 1.00	Slabs Slabs Slabs Slabs Slabs Slabs Slabs								
74 J0 74 J0 75 C 75 C 65 J7 75 C 74 J0	CORNER SPALI OINT SPALL OINT SPALL CORNER SPALI CORNER SPALI T SEAL DMG CORNER SPALI	L L	L L M H M M	3.00 4.00 7.00 2.00 1.00 24.00 1.00	Slabs Slabs Slabs Slabs Slabs								
75 C 74 JG 75 C 75	CORNER SPALI OINT SPALL OINT SPALL CORNER SPALI CORNER SPALI T SEAL DMG CORNER SPALI OINT SPALL	L L	L L M H M H H	3.00 4.00 7.00 2.00 1.00 24.00 1.00 1.00 3.00	Slabs Slabs Slabs Slabs Slabs Slabs Slabs	24	1.00 Slabs		PCI: 63	3			
75 C 74 JG 75 C 75 C 75 C 75 C 75 C 75 C 74 JG 74 JG 74 JG 8ample 1	CORNER SPALI COINT SPALL COINT SPALL CORNER SPALI CORNER SPALI CORNER SPALI CORNER SPALI COINT SPALL COINT SPALL	L L L	L L M H M H M H H	3.00 4.00 7.00 2.00 1.00 24.00 1.00 3.00	Slabs Slabs Slabs Slabs Slabs Slabs Slabs	24	1.00 Slabs		PCI: 63	3			
75 C 74 J 75 C 75 C 75 C 75 C 75 C 75 C 77 J 77 J 77 J 77 J 78 Sample C	CORNER SPALI OINT SPALL OINT SPALL CORNER SPALI CORNER SPALI T SEAL DMG CORNER SPALI OINT SPALL OINT SPALL Number: 02	Typ Created by Insp	L L M H M H M H H	3.00 4.00 7.00 2.00 1.00 24.00 1.00 3.00	Slabs Slabs Slabs Slabs Slabs Slabs Slabs	24	1.00 Slabs		PCI: 63	3			
75 C 74 J 75 C 75 C 75 C 75 C 75 C 75 C 74 J 76 J 77 J 78 Sample C	CORNER SPALI COINT SPALL COINT SPALL CORNER SPALI CORNER SPALI T SEAL DMG CORNER SPALI OINT SPALL OINT SPALL Number: 02 Comments:	Typ Created by Insp	L L M H M H M H M H R R R R R R R R R R R R	3.00 4.00 7.00 2.00 1.00 24.00 1.00 3.00	Slabs Slabs Slabs Slabs Slabs Slabs Slabs	24	1.00 Slabs		PCI: 63	3			
75 C 74 J 75 C 75 C 75 C 75 C 76 J 77 J 76 J 77 J 78 Sample 75 C 77 S 77	CORNER SPALI COINT SPALL COINT SPALL CORNER SPALI CORNER SPALI T SEAL DMG CORNER SPALI COINT SPALL COINT SPALL COINT SPALL COUNT SPALL	Typ Created by Insp	L L M H M H M H H R R R R Pection Schedu	3.00 4.00 7.00 2.00 1.00 24.00 1.00 3.00 A	Slabs Slabs Slabs Slabs Slabs Slabs Slabs Slabs	24	1.00 Slabs		PCI: 63	3			
75 C 74 J 75 C 75 C 75 C 75 C 74 J 76 J 77 J 77 J 78 Sample 1 75 C 77 J 77	CORNER SPALI COINT SPALL COINT SPALL CORNER SPALI CORNER SPALI T SEAL DMG CORNER SPALI COINT SPALL COINT SPALL COINT SPALL COINT SPALL COUNT SPALL	Typ Created by Insp	L L M H M H M H H Coe: R Dection Schedu	3.00 4.00 7.00 2.00 1.00 24.00 1.00 3.00 A	Slabs Slabs Slabs Slabs Slabs Slabs Slabs Slabs	24	1.00 Slabs		PCI: 63	3			
75 C 74 J 75 C 75 C 75 C 75 C 74 J 76 J 77 J 77 S 8ample 1 75 C 74 J 77 S 77	CORNER SPALI COINT SPALL COINT SPALL CORNER SPALI CORNER SPALI CORNER SPALI COINT SPALL COINT SPALL COINT SPALL COMMENTS: CORNER SPALI CORNER SPALI CORNER SPALI CORNER SPALI CORNER SPALI COINT SPALL COINT SPALL COINT SPALL	Typ Created by Insp	L L M H M H H H Pee: R Pection Schedu L L L	3.00 4.00 7.00 2.00 1.00 24.00 1.00 3.00 A	Slabs Slabs Slabs Slabs Slabs Slabs Slabs Slabs Slabs Slabs Slabs	24	1.00 Slabs		PCI: 63	3			
75 C 74 J 75 C 75 C 75 C 75 C 74 J 76 J 77 J 76 Sample I 75 C 77 J 77 J 77 J 77 J 77 C 77 J 77 C 77 C	CORNER SPALI COINT SPALL COINT SPALL CORNER SPALI CORNER SPALI CORNER SPALI COINT SPALL COINT SPALL COINT SPALL COMMENTS: CORNER SPALI	Typ Created by Insp	L L M H M H M H H Coe: R Dection Schedu L L L M	3.00 4.00 7.00 2.00 1.00 24.00 1.00 3.00 A	Slabs Slabs Slabs Slabs Slabs Slabs Slabs Slabs Slabs	24	3.00 Slabs		PCI: 63	3			

Network:	Madras				Name	e: Mad	ras Municipa	al			
Branch:	A03MA		Nam	e: Apr	on 03 Madr	as	Use:	APRON		Area:	17,265 SqFt
Section:	02	О	f 2	From:	T06MA			To:	East End		Last Const.: 9/1/1943
Surface:	PCC	Family:	2022_Cer Uses_PC	ntral_Cat4/5_A	All Zone:	: S33		Cate	gory: L		Rank: P
Area:		7,200 SqFt	Len	gth:	80 Ft		Width:		90 Ft		
Slabs:	48	Slab Ler	ngth:	15 F	t !	Slab Width:		10 Ft		Joint Length:	1,030 Ft
Shoulder:		Street T	ype:		(Grade: 0				Lanes: 0	
Section Co	omments:										
Work Dat	e: 9/1/1943	W	ork Type:	New Construc	etion - PCC		C	ode: NC-	-PC	Is Major	M&R: True
Last Insp.	Date: 3/1/2	2022	Te	otalSamples:	2		Surveye	ed: 2			
Condition	s: PCI:	74									
Inspection	Comments:										
Sample Nu	umber: 01	Tyj	pe: R		Area:	24	.00 Slabs		PCI: 72		
Sample Co	omments:	Created by Ins	spection Sch	edule							
74 JOI	INT SPALL		M	6.0	0 Slabs						
74 JOI	INT SPALL		Н	2.0	0 Slabs						
Sample Nu	umber: 02	Tyl	pe: R		Area:	24	.00 Slabs		PCI: 77		
Sample Co	omments:	Created by Ins	spection Sch	edule							
74 JOI	INT SPALL		M	3.0	0 Slabs						
	RNER SPAL	L	L	1.0							
74 JOI	INT SPALL		M	3.0	0 Slabs						

75

CORNER SPALL

M

2.00 Slabs

Network:	Madras				Name:	Mac	dras Munici	pal					
Branch:	A03MA		Name	: Apron	03 Madras		Use:	AP	RON	Area	:	17,265 SqFt	
ection:	01	of	2	From:	North				To: Edge			Last Const.:	9/2/2011
urface:	PCC	Family:	2022_Cen Uses_PCC	tral_Cat4/5_All	Zone:	S33			Category:	L		Rank: P	
Area:		10,065 SqFt	Leng	gth:	150 Ft		Width:		113 Ft				
labs:	102	Slab Len	gth:	10 Ft	Sla	ab Width:		10	Ft		Joint Length:	3,127 F	t
shoulder:		Street Ty	pe:		Gı	rade: 0					Lanes: 0		
ection Co	omments:												
Vork Date	e: 9/1/2011	Wo	ork Type:	Base Course - A	ggregate		(Code:	BA-AG		Is Major N	A&R: False	
Vork Date	e: 9/2/2011	Wo	ork Type: 1	New Construction	n - PCC		(Code:	NC-PC		Is Major N	1&R: True	
ast Insp.	Date: 3/1/2	2022	To	talSamples:	5		Survey	y ed: 6					
Conditions	s: PCI:	90											
nspection	Comments:	:											
ample Nu	ımber: 01	Тур	e: R	A	rea:	18	8.00 Slabs		PCI:	98			
ample Co	omments:	Created by Insp	ection Sch	edule									
4 JOI	NT SPALL		L	1.00	Slabs								
Sample Nu	ımber: 02	Тур	e: R	A	rea:	18	8.00 Slabs		PCI:	98			
Sample Co	omments:	Created by Insp	ection Sch	edule									
'5 CO	RNER SPAI	L	L	1.00	Slabs								
ample Nu	imber: 03	Тур	e: R	A	rea:	1:	5.00 Slabs		PCI:	89			
Sample Co	omments:	Created by Insp	ection Sch	edule									
5 COI	RNER SPAI	LL	L	2.00	Slabs								
	RNER SPAI	LL	L	3.00	Slabs								
ample Nu	ımber: 04	Тур	e: R	A	rea:	13	5.00 Slabs		PCI:	60			
Sample Co	omments:	Created by Insp	ection Sch	edule									
4 JOI	NT SPALL		L	2.00	Slabs								
	IEAR CR		L		Slabs								
	RNER SPAI	LL	H		Slabs								
	IEAR CR		L		Slabs								
	IEAR CR	т	M		Slabs								
	RNER SPAI		e: R		Slabs rea:	10	8.00 Slabs		PCI:	08			
_		Typ Created by Insp			ıca.	10	o.oo siaus		ru:	20			
Sample Co		Created by thsp											
74 JOI	NT SPALL imber: 06		L		Slabs								
		Тур	e: R		rea:	1.0	8.00 Slabs		PCI:	Δ1			

L 3.00 Slabs L 2.00 Slabs

74

75

JOINT SPALL

CORNER SPALL

Netwo	rk: Madras				Name:	Madras Municipa	1		
Branc	h: A04MA		Name:	Apron	04 Madras	Use:	APRON	Area:	7,200 SqFt
Section	n: 01	of	1 F	rom:	Т07		To: T08		Last Const.: 9/1/1943
Surfac	ee: PCC		2022_Central_C Uses_PCC	Cat4/5_All	Zone: S	33	Category: L		Rank: P
Area:		7,200 SqFt	Length:		90 Ft	Width:	80 Ft		
Slabs:	48	Slab Leng	th:	15 Ft	Slab W	idth:	10 Ft	Joint Length:	1,030 Ft
Should	ler:	Street Typ	e:		Grade:	0		Lanes: 0	
Section	n Comments:								
Work	Date: 9/1/1943	Wor	rk Type: New O	Construction	on - PCC	Co	ode: NC-PC	Is Major N	M&R: True
Last I	nsp. Date: 3/1/2	2022	TotalSa	mples:	2	Surveye	d: 2		
Condi	tions: PCI:	58							
Inspec	tion Comments:								
						24.00.01.1	DCI (
•	e Number: 01	Туре		A	rea:	24.00 Slabs	PCI: 6	7	
Sampl	e Comments:	Created by Inspe	ection Schedule						
74	JOINT SPALL		M	4.00	Slabs				
74	JOINT SPALL		M	3.00	Slabs				
74	JOINT SPALL		Н	1.00	Slabs				
65	JT SEAL DMG		Н	24.00	Slabs				
75	CORNER SPAL	L	M	1.00	Slabs				
Sampl	e Number: 02	Type	: R	A	rea:	24.00 Slabs	PCI: 5	0	
Sampl	e Comments:	Created by Inspe	ection Schedule						
74	JOINT SPALL		M	2.00	Slabs				
74	JOINT SPALL		Н		Slabs				
74	JOINT SPALL		M		Slabs				
75	CORNER SPAL	L	L		Slabs				
65	JT SEAL DMG	_	H	24.00					
74	JOINT SPALL		M		Slabs				
75	CORNER SPAL	L	M		Slabs				
74	JOINT SPALL	_	Н		Slabs				
77	CODNED CDAI		11 T	1.00					

75

CORNER SPALL

L

1.00 Slabs

Network: Madras Name: Madras Municipal **Branch:** A05MA Name: Apron 05 Madras Use: APRON 3,808 SqFt Area: **Section:** 01 of 1 T08 **To:** T09 **Last Const.:** 9/1/1943 From: Surface: PCC Family: 2022_Central_Cat4/5_All Zone: S33 Category: L Rank: S Uses PCC 3,808 SqFt Width: Length: 90 Ft 42 Ft Area: 15 Ft Slabs: 30 Slab Length: Slab Width: 10 Ft Joint Length: 498 Ft Shoulder: **Street Type:** Grade: 0 Lanes: 0 **Section Comments:** Work Date: 9/1/1943 Work Type: New Construction - PCC Code: NC-PC Is Major M&R: True **Last Insp. Date:** 3/1/2022 **TotalSamples:** 1 Surveyed: 1 **Conditions: PCI:** 51 **Inspection Comments:**

Samp	le Number: 01	Type:	R	Are	a:	30.00 Slabs	PC	I: 51
Samp	le Comments:	Created by Inspectio	n Schedule					
74	JOINT SPALL	N	M	4.00 SI	abs			
74	JOINT SPALL	N	M	4.00 SI	abs			
74	JOINT SPALL	I	·I	4.00 SI	abs			
74	JOINT SPALL	I		2.00 SI	abs			
75	CORNER SPALI	L I		2.00 SI	abs			
75	CORNER SPALI	L I		1.00 SI	abs			
75	CORNER SPALL	. N	M	1.00 SI	abs			
65	JT SEAL DMG	H	H 30	0.00 SI	abs			
74	JOINT SPALL	I		5.00 SI	abs			

Netw	ork: Madras				Nan	ne: Mac	dras Municip	al					
Bran	ch: A06MA	L	N	ame: Apro	n 06 Mac	dras	Use:	APRON		Area:	99	,289 SqFt	
Section	on: 03		of 4	From:	See Ma	р		To:				Last Const.:	1/1/1943
Surfa	nce: PCC	Famil	ly: 2022_ Uses_	Central_Cat4/5_Al PCC	l Zon	e: S33		Categ	gory: L			Rank: P	
Area	:	7,200 SqFt	I	Length:	80 F	⁷ t	Width:		90 Ft				
Slabs	: 48	Slab	Length:	15 Ft		Slab Width:		10 Ft		Joint Le	ngth:	1,030 Ft	
Shou	lder:	Stree	et Type:			Grade: 0				Lanes:	0		
Section	on Comments:												
Work	Cate: 1/1/1943		Work Typ	e: New Construct	ion - PC	C	(Code: NC-l	PC	Is M	ajor Mé	&R: True	
Last 1	Insp. Date: 3/1	/2022		TotalSamples:	2		Survey	ed: 2					
	litions: PCI:	29											
	ection Comments												
			T	D.	A		4.00.01.1	-	DCI. 21				
_	ole Number: 01		Type:		Area:	24	4.00 Slabs]	PCI: 31				
Samp	ole Comments:	Created by	Inspection	Schedule									
75	CORNER SPA	LL	M	3.00	Slabs								
73	SHRINKAGE	CR	N	2.00									
74	JOINT SPALL		M	3.00	Slabs								
74	JOINT SPALL		M		Slabs								
75	CORNER SPA	LL	Н	3.00	Slabs								
65	JT SEAL DMG	t	Н	24.00									
75	CORNER SPA	LL	M	4.00	Slabs								
75	CORNER SPA	LL	Н	3.00	Slabs								
74	JOINT SPALL		Н	6.00	Slabs								
74	JOINT SPALL		Н	5.00	Slabs								
73	SHRINKAGE	CR	N	1.00	Slabs								
Samp	ole Number: 02		Type:	R	Area:	24	4.00 Slabs]	PCI: 26				
Samp	ole Comments:	Created by	Inspection	Schedule									
75	CORNER SPA	LL	M	4.00	Slabs								
74	JOINT SPALL		Н		Slabs								
63	LINEAR CR		M		Slabs								
74	JOINT SPALL		Н		Slabs								
75	CORNER SPA	LL	Н	3.00	Slabs								
65	JT SEAL DMG		Н		Slabs								
74	JOINT SPALL		M		Slabs								
75	CORNER SPA	LL	M	5.00	Slabs								
75	CORNER SPA		Н		Slabs								
74	JOINT SPALL		M		Slabs								
63	LINEAR CR		L		Slabs								
	JOINT SPALL		M	3.00									

Network: Madras		Name:	Madras Municipal		
Branch: A06MA	Name:	Apron 06 Madras		APRON Arc	ea: 99,289 SqFt
Section: 01	of 4	From: Hangar		To: End	Last Const.: 9/1/2015
		_Cat4/5_Apr Zone:	S33	Category: L	Rank: P
Area: 65,066	SqFt Length:	195 Ft	Width:	409 Ft	
Slabs:	Slab Length:	Ft Slal	Width:	Ft	Joint Length: Ft
Shoulder:	Street Type:	Gra	de: 0		Lanes: 0
Section Comments:					
Work Date: 8/31/2015	Work Type: Base	e Course - Aggregate	Cod	e: BA-AG	Is Major M&R: False
Work Date: 9/1/2015	Work Type: New	Construction - AC	Cod	e: NC-AC	Is Major M&R: True
Last Insp. Date: 3/1/2022	Totals	Samples: 12	Surveyed:	4	
Conditions: PCI: 79					
Inspection Comments:					
Sample Number: 01	Type: R	Area:	5000.00 SqFt	PCI: 76	
Sample Comments: Crea	ted by Inspection Schedu	le			
48 L & T CR	L	111.00 Ft			
57 WEATHERING	L	5000.00 SqFt			
18 L & T CR	M	79.00 Ft			
Sample Number: 02	Type: R	Area:	5000.00 SqFt	PCI: 73	
Sample Comments: Crea	ted by Inspection Schedul	le			
18 L & T CR	L	80.00 Ft			
18 L & T CR	M	120.00 Ft			
57 WEATHERING	L	5000.00 SqFt			
Sample Number: 03	Type: R	Area:	5000.00 SqFt	PCI: 74	
Sample Comments: Crea	ted by Inspection Schedu	le			
18 L & T CR	L	42.00 Ft			
18 L & T CR	M	23.00 Ft			
18 L & T CR	M	100.00 Ft			
57 WEATHERING	L	5000.00 SqFt			
Sample Number: 08	Type: R	Area:	5234.00 SqFt	PCI: 92	

L L

48

57

L & T CR

WEATHERING

6.00 Ft 5234.00 SqFt

Network:	Madras				Name:	Mac	dras Munici	pal						
Branch:	A06MA		Name	: Apron 0	6 Madras		Use	: AP	PRON	Ar	·ea:	9	99,289 SqFt	
Section:	04	oi	f 4	From: T	01MA				To: A061	/A-01			Last Const.	9/1/1977
Surface:	AAC	Family:	2022_Cent on_AC/A	cral_Cat4/5_Apr	Zone:	S33			Category:	L			Rank: P	
Area:		19,823 SqFt	Leng	th:	50 Ft		Width:		409 Ft					
Slabs:		Slab Len	igth:	Ft	Slab	Width:			Ft		Joint Le	ength:]	Ft
Shoulder:		Street Ty	ype:		Gra	de: 0					Lanes:	0		
Section Cor	mments:													
Work Date	: 9/1/1943	W	ork Type: S	Subbase - Aggreg	ate			Code:	SB-AG		Is M	Iajor M	1&R: False	
Work Date	: 9/2/1943	W	ork Type: I	Base Course - Ag	gregate			Code:	BA-AG		Is M	Iajor M	1&R: False	
Work Date	: 9/3/1943	W	ork Type: 1	New Construction	ı - AC			Code:	NC-AC		Is M	Iajor M	I&R: True	
Work Date	: 9/1/1977	W	ork Type: (Overlay - AC Stru	ıctural			Code:	OL-AS		Is N	Iajor M	I&R: True	
Last Insp. I	Date: 3/1/	2022	То	talSamples: 4			Surve	yed: 3	3					
Conditions	: PCI:	94												
Inspection	Comments	:												
Sample Nu	mber: 01	Тур	e: R	Ar	ea:	5050	0.00 SqFt		PCI:	94				
Sample Cor	mments:	Created by Ins	pection Sche	dule										
57 WE	ATHERING	j	L	5050.00	SqFt									
Sample Nu	mber: 02	Тур	e: R	Ar	ea:	5050	0.00 SqFt		PCI:	94				
Sample Co	mments:	Created by Ins	pection Sche	edule										
57 WE	ATHERING	ĵ	L	5050.00	SqFt									
Sample Nu	mber: 03	Тур	e: R	Ar	·ea:	5050	0.00 SqFt		PCI:	94				
Sample Cor	mments:	Created by Ins	pection Sche	dule										

57 WEATHERING L 5050.00 SqFt

Netwoi	k: Madras				Name:	Mad	ras Municip	al				
Branch	: A06MA		Name:	Apron	06 Madra	s	Use:	APRON		Area:	99,289 SqFt	
Section	: 02	of 4	4 Fro	m:	See Map			To:	-		Last Const.:	1/1/1943
Surfac	e: PCC		022_Central_Ca ses_PCC	t4/5_All	Zone:	S33		Cate	gory: L		Rank: P	
Area:		7,200 SqFt	Length:		80 Ft		Width:		90 Ft			
Slabs:	48	Slab Length	ı;	15 Ft	S	lab Width:		10 Ft		Joint Length	1,030 Ft	
Should	er:	Street Type	:		G	Grade: 0				Lanes: 0		
Section	Comments:											
Work l	Date: 1/1/1943	Work	Type: New Co	onstructio	on - PCC		(Code: NC-	PC	Is Major	r M&R: True	
Last In	sp. Date: 3/1/2	2022	TotalSan	ples:	2		Survey	ed: 2				
Condit	ions: PCI:	43										
Inspect	ion Comments:											
Sample	Number: 01	Type:	R	A	rea:	24	.00 Slabs		PCI: 46			
Sample	Comments:	Created by Inspec	tion Schedule									
74	JOINT SPALL		Н	10.00	Slabs							
75	CORNER SPAL	L	M	3.00	Slabs							
65	JT SEAL DMG		H	24.00	Slabs							
75	CORNER SPAL	L	H	4.00	Slabs							
Sample	Number: 02	Type:	R	A	rea:	24	.00 Slabs		PCI: 39			
Sample	Comments:	Created by Inspec	tion Schedule									
75	CORNER SPAL	L	Н	1.00	Slabs							
74	JOINT SPALL		Н	10.00	Slabs							
75	CORNER SPAL	L	M	2.00	Slabs							
75	CORNER SPAL	L	H	3.00	Slabs							
65	JT SEAL DMG		Н	24.00	Slabs							
74	JOINT SPALL		Н	3.00	Slabs							
74	JOINT SPALL		M	2.00	Slabs							

Network: Ma	adras					Name:	Ma	dras Munic	ipal						
Branch: Al	H16MA		Nam	e:	Hold Ap	pron 16 N	Madras	Use	e: Al	PRON	Are	a:	33	3,992 SqFt	
Section: 01		of	2	Fron	1: T	03-02				To: EDG	Е			Last Const.:	9/1/197
Surface: AAC		Family:	2022_Cer on_AC/A		/5_Apr	Zone:	S33			Category:	L			Rank: P	
Area:	18,55	0 SqFt	Len	gth:		370 Ft		Width:		50 Ft	į				
Slabs:		Slab Leng	gth:		Ft	S	lab Width:			Ft		Joint Len	igth:	F	t
Shoulder:		Street Ty	pe:			G	Grade: ()				Lanes:	0		
Section Commen	its:														
Work Date: 9/1/	1943	Wo	rk Type:	Subbase -	Aggreg	ate			Code:	SB-AG		Is Ma	ajor M	&R: True	
Work Date: 9/2/	/1943	Wo	rk Type:	Base Cou	rse - Ag	gregate			Code:	BA-AG		Is Ma	ajor M	&R: True	
Work Date: 9/3/	/1943	Wo	rk Type:	New Con	struction	n - AC			Code:	NC-AC		Is Ma	ajor M	&R: True	
Work Date: 9/1/	/1977	Wo	rk Type:	Overlay -	AC Stru	ıctural			Code:	OL-AS		Is Ma	ajor M	&R: True	
Work Date: 9/1/	/1990	Wo	rk Type:	Surface S	eal - Fog	g Seal			Code:	SS-FS		Is Ma	ajor M	&R: False	
Last Insp. Date: Conditions: P Inspection Comm	CI: 94		T	otalSamp	les: 4			Surve	eyed:	3					
Sample Number:		Туре	e: R		Ar	rea:	500	00.00 SqFt		PCI:	94				
Sample Commen	its: Cre	eated by Insp	ection Sch	edule											
57 WEATHE	ERING		L	50	00.00	SqFt									
Sample Number:	: 02	Туре	e: R		Ar	rea:	500	00.00 SqFt		PCI:	94				
Sample Commen	nts: Cre	eated by Insp	ection Sch	edule											
57 WEATHE	ERING		L	50	00.00	SqFt									
Sample Number:	: 04	Турс	e: R		Ar	rea:	348	30.00 SqFt		PCI:	94				
Sample Commen	ıts:														

L 3480.00 SqFt

57

WEATHERING

Network:	Madras			Name:	Madras Municipa	al		
Branch:	AH16MA		Name:	Hold Apron 16 M	Iadras Use:	APRON	Area:	33,992 SqFt
Section: 02)2	of 2	2	From: T02MA-02	2	To: End		Last Const.: 7/1/2020
Surface: A	AC		022_Central_ n_AC/AAC	Cat4/5_Apr Zone:		Category:		Rank: P
Area:	15,44	2 SqFt	Length:	350 Ft	Width:	100 Ft		
Slabs:		Slab Length	ı :	Ft SI	ab Width:	Ft	Joint Lengtl	h: Ft
Shoulder:		Street Type	:	G	rade: 0		Lanes: 0)
Section Com	iments:							
Work Date:	7/1/2020	Work	Type: New	Construction - Initial	C	ode: NU-IN	Is Majo	r M&R: True
Last Insp. Da	vate: 3/1/2022		TotalS	amples: 5	Surveye	ed: 3		
Conditions:	PCI: 94							
Inspection C								
inspection C	Comments:							
Sample Num		Type:	R	Area:	4475.00 SqFt	PCI:	94	
	nber: 01	Type:	R	Area:	4475.00 SqFt	PCI:	94	
Sample Num Sample Com	nber: 01	Type:	R	Area: 4475.00 SqFt	4475.00 SqFt	PCI:	94	
Sample Num Sample Com	nber: 01 nments:	Type:			4475.00 SqFt 2148.00 SqFt	PCI:		
Sample Num Sample Com 57 WEA	nber: 01 nments: THERING nber: 03		L	4475.00 SqFt	•			
Sample Num Sample Com 57 WEA Sample Num Sample Com	nber: 01 nments: THERING nber: 03		L	4475.00 SqFt	•			
Sample Num Sample Com 57 WEA Sample Num Sample Com	nber: 01 nments: THERING nber: 03 nments:		L R	4475.00 SqFt Area:	•		94	
Sample Num Sample Com 57 WEA' Sample Num Sample Com 57 WEA'	nber: 01 nments: ATHERING nber: 03 nments: ATHERING nber: 05	Туре:	L R	4475.00 SqFt Area: 2148.00 SqFt	2148.00 SqFt	PCI:	94	

Network:	Madras				Name	: Mac	dras Municij	pal					
Branch:	AH34MA		Name:	Hold A	Apron 34 I	Madras	Use:	APR	ON	Area	a:	13,127 SqFt	
Section: 01		of	1	From:	T03-02			Т	o: EDG	E		Last Const.:	9/2/2004
Surface: AC		Family:	2022_Centra on_AC/AAC	al_Cat4/5_Apı	Zone:	S33		(Category:	L		Rank: P	
Area:	13,1	27 SqFt	Lengtl	1:	240 Ft		Width:		40 F	t			
Slabs:		Slab Len	gth:	Ft	S	Slab Width:		F	t		Joint Length:	I	7t
Shoulder:		Street Ty	pe:		(Grade: 0					Lanes: 0		
Section Comm	ents:												
Work Date: 9	/1/1943	Wo	ork Type: Su	bbase - Aggre	gate			Code:	SB-AG		Is Major N	M&R: True	
Work Date: 9	/2/1943	Wo	ork Type: Ba	se Course - A	ggregate		(Code:	BA-AG		Is Major N	M&R: True	
Work Date: 9	/3/1943	Wo	ork Type: Ne	ew Construction	on - AC		(Code:	NC-AC		Is Major N	M&R: True	
Work Date: 9	/1/1977	Wo	ork Type: Ov	verlay - AC St	ructural		•	Code:	OL-AS		Is Major N	M&R: True	
Work Date: 9	/1/1990	Wo	ork Type: Su	rface Seal - Fo	og Seal			Code:	SS-FS		Is Major N	M&R: False	
Work Date: 9	/1/2004	Wo	ork Type: Ba	se Course - Pu	ılverized .	AC	(Code:	BA-PA		Is Major N	M&R: False	
Work Date: 9	/2/2004	Wo	ork Type: Co	mplete Recon	struction	- AC	(Code:	CR-AC		Is Major N	M&R: True	
Work Date: 9	/1/2012	Wo	ork Type: Cr	ack Sealing -	AC		•	Code:	CS-AC		Is Major N	M&R: False	
Work Date: 9	/1/2015	Wo	ork Type: Cr	ack Sealing -	AC		(Code:	CS-AC		Is Major N	M&R: False	
Last Insp. Dat	e: 3/1/2022	<u> </u>	Tota	lSamples:	4		Survey	yed: 3					
Conditions:	PCI: 94												
Inspection Co	mments:												
Sample Numb	er: 02	Тур	e: R	A	rea:	2069	9.00 SqFt		PCI:	94			
Sample Comm	ents: C	reated by Insp	ection Sched	ule									
57 WEATI	HERING		L	2069.00	SqFt								
Sample Numb	er: 03	Тур	e: R	Α	rea:	203	7.00 SqFt		PCI:	94			
Sample Comm	ents: C	reated by Insp	ection Sched	ule									
57 WEATI	HERING		L	2037.00	SqFt								
Sample Numb	er: 04	Тур	e: R	A	rea:	511	8.00 SqFt		PCI:	94			
Sample Comm	ents: C	reated by Insp	ection Sched	ule									
57 WEATI	HERING		L	5118.00	SaEt								

Netwo	rk: M	adras					Nam	ne: M	adras Muni	cipal						
Brancl		04MA		Nai	me•	Runw		Madras	Us		JNWAY	Are	a·	134 90	97 SqFt	
Section			of		Fror		R03 EN				To: AO2					8/1/199
																0/1/193
Surfac	e: AC			2022_C _AC/A	entral_Cat ² AC	_					Category:	L		Ra	ınk: S	
Area:		13-	4,997 SqFt	Le	ength:		2,700 F	t	Width:		50 F	İ				
Slabs:			Slab Lengt	th:		Ft		Slab Width	:		Ft		Joint Le	ngth:		Ft
Should	ler:		Street Typ	e:				Grade:	0				Lanes:	0		
Section	n Commei	nts:														
Work	Date: 8/1	/1943	Wor	k Type	: Base Cou	urse - A	ggregat	e		Code:	BA-AG		Is M	ajor M&R	R: False	
Work	Date: 8/1	/1990	Wor	k Type	: Complete	e Recor	nstructio	n - AC		Code:	CR-AC		Is M	ajor M&R	R: True	
Work	Date: 8/1	/1997	Wor	k Type	: Crack Se	aling -	AC			Code:	CS-AC		Is M	ajor M&R	R: False	
Work	Date: 9/1	/2000	Wor	k Type	: Crack Se	aling -	AC			Code:	CS-AC		Is M	ajor M&R	R: False	
Work	Date: 9/2	/2000	Wor	k Type	: Surface S	Seal - F	og Seal			Code:	SS-FS		Is M	ajor M&R	R: False	
Work	Date: 6/1	/2001	Wor	k Туре	: Crack Se	aling -	AC			Code:	CS-AC		Is M	ajor M&R	R: False	
Work	Date: 9/1	/2008	Wor	k Туре	: Crack Se	al - Wi	de Cracl	ks		Code:	CS-WD		Is M	ajor M&R	R: False	
Work	Date: 9/2	/2008	Wor	k Type	: Patching	- AC I	Эеер			Code:	PA-AD		Is M	ajor M&R	R: False	
Last Ir	nsp. Date:	3/1/20)22	,	TotalSamp	oles:	27		Surv	eyed:	5					
Condit	tions: F	PCI:	57													
	tion Com															
Sampl	e Number	: 05	Type	:]	R	A	Area:	50	00.00 SqFt		PCI:	66				
Sampl	e Comme	nts:	Created by Inspe	ection So	chedule											
57	WEATHI	ERING		M	50	00.00	SqFt									
50	PATCHIN			L		375.00	_									
48	L & T CR	1		M		4.00										
48	L & T CR	1		L	2	238.00	Ft									
50	PATCHIN	NG		L		100.00	SqFt									
Sampl	e Number	: 11	Type	: 1	R	A	Area:	50	00.00 SqFt		PCI:	51				
Sampl	e Commei	nts:	Created by Inspe	ection So	chedule											
57	WEATHI			M		000.00	_									
50	PATCHIN			L		162.00	-									
	L & T CR			L		205.00										
41 50	ALLIGA		L .	L		200.00										
50	PATCHIN			L		150.00			00.00 = -			- ·				
_	e Number		Type		R 	A	Area:	50	00.00 SqFt		PCI:	54				
Sampl	e Commei		Created by Inspe													
57	WEATHI			M	50	00.00	-									
	L & T CR			L		97.00										
	PATCHIN			L		200.00	_									
48 41	L & T CR ALLIGA		<u> </u>	L M		187.00 60.00										
	e Number		Туре		 R		Area:	50	00.00 SqFt		PCI:	69				
-	e Commei		Created by Inspe			1	- 3	50			2011					
57	WEATHI	ERING		M	50	000.00	SqFt									
48	L & T CR	1		L		250.00	-									
	L & T CR			L		167.00										
50	PATCHIN			L		82.00	_									
50	PATCHIN			L		150.00										
Sampl	e Number	: 26	Type		R	A	Area:	50	00.00 SqFt		PCI:	43				
Sampl	e Comme	nts:	Created by Inspe	ection So	chedule											
48	L & T CR	l.		M		4.00	Ft									

50	PATCHING	M	17.00	SqFt
50	PATCHING	M	20.00	SqFt
50	PATCHING	L	250.00	SqFt
48	L & T CR	L	348.00	Ft
41	ALLIGATOR CR	M	72.00	SqFt
57	WEATHERING	M	5000.00	SqFt

Network: Madras		Name: M	Iadras Municipal		
Branch: R16MA	Name: Ru	nway 16/34 Madras		NWAY Area	a: 381,750 SqFt
Section: 01	of 1 From:	T01-01		To: R34 END	Last Const.: 5/18/2015
Surface: AC Fam	nily: 2022_Central_Cat4/5_ _AC/AAC	RW Zone: S33		Category: L	Rank: P
Area: 381,750 Sql	Ft Length:	5,090 Ft	Width:	75 Ft	
Slabs: Sla	b Length:	Ft Slab Width	ı:	Ft	Joint Length: Ft
Shoulder: Str	reet Type:	Grade:	0		Lanes: 0
Section Comments:					
Work Date: 8/1/1943	Work Type: Subbase - Ag	gregate	Code:	SB-AG	Is Major M&R: False
Work Date: 9/1/1990	Work Type: Base Course	- Aggregate	Code:	BA-AG	Is Major M&R: False
Work Date: 9/2/1990	Work Type: Complete Re	construction - AC	Code:	CR-AC	Is Major M&R: True
Work Date: 8/1/1997	Work Type: Crack Sealing	g - AC	Code:	CS-AC	Is Major M&R: False
Work Date: 9/1/2000	Work Type: Crack Sealing	g - AC	Code:	CS-AC	Is Major M&R: False
Work Date: 9/2/2000	Work Type: Surface Seal	- Fog Seal	Code:	SS-FS	Is Major M&R: False
Work Date: 6/1/2001	Work Type: Crack Sealing	g - AC	Code:	CS-AC	Is Major M&R: False
Work Date: 9/1/2008	Work Type: Crack Seal -	Wide Cracks	Code:	CS-WD	Is Major M&R: False
Work Date: 9/2/2008	Work Type: Patching - Ad	C Deep	Code:	PA-AD	Is Major M&R: False
Work Date: 9/1/2012	Work Type: Patching - Ad	C Deep	Code:	PA-AD	Is Major M&R: False
Work Date: 5/15/2015	Work Type: Geotextile		Code:	FB-TX	Is Major M&R: False
Work Date: 5/16/2015	Work Type: Subbase - Ag	gregate	Code:	SB-AG	Is Major M&R: False
Work Date: 5/17/2015	Work Type: Base Course	- Aggregate	Code:	BA-AG	Is Major M&R: False
Work Date: 5/18/2015	Work Type: Complete Re	construction - AC	Code:	CR-AC	Is Major M&R: True
Last Insp. Date: 3/1/2022	TotalSamples:	68	Surveyed: 8		
Conditions: PCI: 94					
Inspection Comments:					
Sample Number: 01	Type: R	Area: 56	525.00 SqFt	PCI: 94	
Sample Comments: Created	by Inspection Schedule				
57 WEATHERING	L 5625.	00 SqFt			
Sample Number: 04	Type: A		525.00 SqFt	PCI: 89	
Sample Comments:					
57 WEATHERING	L 5000.	00 SqFt			
57 WEATHERING		00 SqFt			
Sample Number: 13	Type: R	Area: 56	525.00 SqFt	PCI: 94	
Sample Comments: Created	by Inspection Schedule				
57 WEATHERING		00 SqFt			
Sample Number: 25	Type: R	Area: 56	525.00 SqFt	PCI: 94	
Sample Comments: Created	by Inspection Schedule				
57 WEATHERING	L 5625.	00 SqFt			
Sample Number: 37	Type: R	Area: 56	525.00 SqFt	PCI: 94	
Sample Comments: Created	by Inspection Schedule				
57 WEATHERING	L 5625.	00 SqFt			
Sample Number: 38	Type: A	Area: 56	525.00 SqFt	PCI: 89	
Sample Comments:					

48	L & T CR	L	,	56.00 Ft			
57	WEATHERING	L		5625.00 SqFt			
Samp	ole Number: 49	Type:	R	Area:	5625.00 SqFt	PCI: 94	
Samp	ole Comments: Crea	ated by Inspection	n Schedu	le			
57	WEATHERING	L	,	5625.00 SqFt			
	WEATHERING ble Number: 65	Type:	R	5625.00 SqFt Area:	5625.00 SqFt	PCI: 94	
Samp	ole Number: 65		R	Area:	5625.00 SqFt	PCI: 94	

Network:	Madras					Name	e: Mad	dras Munic	ipal					
Branch:	T01MA		ľ	Name:	Taxiwa	ıy 01 Ma	dras	Use	e: TA	AXIWAY	Area		59,892 SqFt	
Section: 02	2	0	f 3	F	rom:	Т01МА-	01 (old PCC)			To: R16 En	d		Last Const	t.: 8/1/1990
Surface: A	С	Family:		_Central_C _AC/AAC	Cat4/5_Tax	i Zone:	: S33			Category: L			Rank: S	
Area:		43,481 SqFt		Length:		1,250 Ft		Width:		35 Ft				
Slabs:		Slab Len	ngth:		Ft	\$	Slab Width:			Ft		Joint Length:		Ft
Shoulder:		Street Ty	ype:			(Grade: 0					Lanes: 0		
Section Com	ments:													
Work Date:	8/1/1943	W	ork Ty	pe: Base (Course - Ag	ggregate			Code:	BA-AG		Is Major	M&R: True	
Work Date:	8/1/1990	W	ork Ty	pe: New C	Constructio	on - AC			Code:	NC-AC		Is Major	M&R: True	
Work Date:	9/1/2000	W	ork Ty	pe: Crack	Sealing - A	AC			Code:	CS-AC		Is Major	M&R: False	
Work Date:	6/1/2001	W	ork Ty	pe: Crack	Sealing - A	AC			Code:	CS-AC		Is Major	M&R: False	
Work Date:	9/1/2008	W	ork Ty	pe: Crack	Seal - Wic	le Cracks	S		Code:	CS-WD		Is Major	M&R: False	
Work Date:	9/1/2015	W	ork Ty	pe: Crack	Sealing - A	AC			Code:	CS-AC		Is Major	M&R: False	
Work Date:	9/2/2015	W	ork Ty	pe: Patchi	ng - AC D	eep			Code:	PA-AD		Is Major	M&R: False	
Last Insp. Da	ite: 3/1/	2022		TotalSa	mples:	8		Surv	eyed:	4				
Conditions:	PCI:	67												
Inspection Co		:												
Sample Num			pe:	R	A	rea:	427:	5.00 SqFt		PCI: 7	0			
Sample Com		Created by Ins		Schedule				•						
50 PATC	HING		L		64.00	SaEt								
18 L&T			L		16.00	-								
48 L&T	CR		L		175.00	Ft								
57 WEAT	ΓHERING	3	M	I	4275.00	SqFt								
Sample Num	ber: 02	Туг	pe:	R	A	rea:	5250	0.00 SqFt		PCI: 6	5			
Sample Com	ments:	Created by Ins	spection	Schedule										
50 PATC	HING		L		105.00	SaFt								
	ΓHERINO	ì	M		5250.00	-								
48 L&T			L		75.00									
48 L&T			M		20.00									
Sample Num		Туг		R		rea:	5250	0.00 SqFt		PCI: 7	0			
Sample Com		Created by Ins						•						
48 L & T			M	1	125.00									
50 PATC			L		91.00									
	ΓHERING		M		5250.00									
Sample Num	ber: 06			R	A	rea:	5250	0.00 SqFt		PCI: 6	5			
Sample Com	ments:	Created by Ins	spection	Schedule										
48 L&T	CR		L		80.00	Ft								
50 PATC	HING		L		70.00	SqFt								
57 WEAT	ΓHERING	j	M	I	5250.00	SqFt								
48 L & T	CR		M	I	100.00	Ft								

Network:	Madras				Name: Ma	dras Municipa	al		
Branch:	T01MA		Name:	Taxiway (01 Madras	Use:	TAXIWAY	Area:	59,892 SqFt
Section:	01	0	f 3	From: R22	2 End		To: T01M	1A-02	Last Const.: 9/1/2012
Surface:	APC	Family:	2022_Central_ Uses_APC	Cat4/5_All	Zone: S33		Category:	L	Rank: S
Area:		12,036 SqFt	Length:	3	70 Ft	Width:	35 Ft		
Slabs:		Slab Len	igth:	Ft	Slab Width:		Ft	Joint	Length: Ft
Shoulder:		Street T	ype:		Grade: 0	ı		Lanes	s: 0
Section Cor	mments:								
Work Date	: 8/1/1943	W	ork Type: Subb	ase - Aggregat	e	C	ode: SB-AG	Is	s Major M&R: False
Work Date	: 8/2/1943	W	ork Type: New	Construction -	PCC	C	ode: NC-PC	Is	s Major M&R: True
Work Date	: 9/1/2012	W	ork Type: Over	lay - AC Struc	tural	C	ode: OL-AS	Is	s Major M&R: True
Last Insp. I			TotalS	amples: 2		Surveye	ed: 2		
Conditions									
Inspection (Comments:	•							
Sample Nu	mber: 01	Тур	pe: R	Are	a: 627	5.00 SqFt	PCI:	83	
Sample Con	mments:	Created by Ins	spection Schedule	e					
57 WE	ATHERING	ì	L	6275.00 Sc	ıFt				
	T CR		L	24.00 Ft					
47 JT R	REF. CR		L	60.00 Ft					
48 L &	T CR		M	16.00 Ft					
Sample Nu	mber: 02	Туј	pe: R	Area	a: 576	1.00 SqFt	PCI:	85	
Sample Con	mments:	Created by Ins	spection Schedule	e					
57 WE	ATHERING	j	L	5761.00 Sc	ıFt				
48 L&	T CR		L	58.00 Ft					
40 -									

L & T CR

M

3.00 Ft

Network:	Madras						Name	:]	Madra	s Municip	al						
Branch:	T01MA			Name:	Ta	xiwa	y 01 Ma	dras		Use:	TA	AXIW	'AY	Area:	59,	892 SqFt	
Section:	03		of 3		From:	Т	01MA-0	02				To:	R16 End		I	ast Const	.: 5/18/2015
Surface:	AC	Family:	2022 way	2_Central _AC/AA	_Cat4/5_	_Taxi	Zone:	S33	3			Cate	egory: L		F	Rank: S	
Area:		4,375 SqFt		Length:			125 Ft		•	Width:			35 Ft				
Slabs:		Slab Le	ngth:			Ft	5	Slab Wid	th:			Ft		Joint L	ength:		Ft
Shoulder:		Street 7	Type:				(Grade:	0					Lanes:	0		
Section Co	mments:																
Work Date	: 5/15/2015	V	Vork T	ype: Geo	textile					C	ode:	FB-	·TX	Is I	Major M&	R: False	
Work Date	: 5/16/2015	V	Vork T	ype: Sub	base - A	ggreg	gate			(ode:	SB-	·AG	Is I	Major M&	R: False	
Work Date	: 5/17/2015	V	Vork T	ype: Bas	e Course	- Ag	gregate			(ode:	BA	-AG	Is I	Major M&	R: False	
Work Date	: 5/18/2015	V	Vork T	ype: Con	nplete Re	econs	truction	- AC		(ode:	CR-	-AC	Is I	Major M&	R: True	
Last Insp. I	Date: 3/1/2	2022		Totals	Samples	: 1				Survey	ed:	1					
Conditions	: PCI:	89															
Inspection	Comments:																
Sample Nu	mber: 01	Ту	pe:	R		Aı	rea:		4375.0	00 SqFt			PCI: 89				
Sample Co	mments:	Created by In	spectio	n Schedul	le												

L L

48

57

L & T CR WEATHERING 46.00 Ft 4375.00 SqFt

Network: Madras		Name:	Madras Munici	pal	
Branch: T02MA	Name:	Taxiway 02 Madras	Use	TAXIWAY A	ea: 202,245 SqFt
Section: 04	of 5 From	Section 03		To: Section 05	Last Const.: 7/1/2020
Surface: AC	Family: 2022_Central_Cat4 way_AC/AAC	/5_Taxi Zone:	S33	Category: L	Rank: P
Area: 27,68	S5 SqFt Length:	650 Ft	Width:	35 Ft	
Slabs:	Slab Length:	Ft Slab	Width:	Ft	Joint Length: Ft
Shoulder:	Street Type:	Grad	e: 0		Lanes: 0
Section Comments:					
Work Date: 8/1/1943	Work Type: Base Cou	rse - Aggregate		Code: BA-AG	Is Major M&R: False
Work Date: 8/1/1990	Work Type: Surface C	ourse - AC		Code: SU-AC	Is Major M&R: True
Work Date: 9/1/2000	Work Type: Crack Sea	lling - AC		Code: CS-AC	Is Major M&R: False
Work Date: 9/2/2000	Work Type: Surface S	eal - Fog Seal		Code: SS-FS	Is Major M&R: False
Work Date: 6/1/2001	Work Type: Crack Sea	lling - AC		Code: CS-AC	Is Major M&R: False
Work Date: 9/1/2008	Work Type: Crack Sea	ıl - Wide Cracks		Code: CS-WD	Is Major M&R: False
Work Date: 9/1/2012	Work Type: Crack Sea	lling - AC		Code: CS-AC	Is Major M&R: False
Work Date: 9/2/2012	Work Type: Patching	- AC Deep		Code: PA-AD	Is Major M&R: False
Work Date: 9/1/2015	Work Type: Crack Sea	lling - AC		Code: CS-AC	Is Major M&R: False
Work Date: 7/1/2020	Work Type: New Con	struction - AC		Code: NC-AC	Is Major M&R: True
Last Insp. Date: 3/1/2022	TotalSamp	les: 6	Surve	yed: 3	
Conditions: PCI: 100 Inspection Comments:					
Sample Number: 02	Type: R	Area:	5250.00 SqFt	PCI: 100	
Sample Comments: Cre	eated by Inspection Schedule				
<no distress=""></no>					
Sample Number: 03	Type: R	Area:	5250.00 SqFt	PCI: 100	
Sample Comments: Cre	eated by Inspection Schedule				
<no distress=""></no>					
Sample Number: 04	Type: R	Area:	5250.00 SqFt	PCI: 100	
Sample Comments: Cre	eated by Inspection Schedule				

<No Distress>

Network: Madra	as		Name:	Madras Munic	cipal				
Branch: T02M	ÍΑ	Name:	Taxiway 02 Madra	s Us	e: TAX	XIWAY	Area:	202,24	5 SqFt
Section: 03	of	5 From	: T03-01		7	Го: Т03-03		Las	st Const.: 7/1/2020
Surface: AC		2022_Central_Cat4/way_AC/AAC	5_Taxi Zone:	S33	(Category: L		Rai	nk: P
Area:	126,238 SqFt	Length:	3,607 Ft	Width:		35 Ft			
Slabs:	Slab Leng	th:	Ft Slal	b Width:	F	?t	Joint L	ength:	Ft
Shoulder:	Street Typ	e:	Gra	ade: 0			Lanes:	0	
Section Comments:									
Work Date: 8/1/194	Woi	rk Type: Subbase -	Aggregate		Code:	SB-AG	Is I	Major M&R:	: False
Work Date: 8/2/194	Wor	rk Type: Base Cour	se - Aggregate		Code:	BA-AG	Is I	Major M&R:	: False
Work Date: 8/3/194	Wor	rk Type: New Cons	truction - AC		Code:	NC-AC	Is I	Major M&R:	: True
Work Date: 8/1/197	77 Wor	rk Type: Overlay - A	AC Structural		Code:	OL-AS	Is I	Major M&R:	: True
Work Date: 8/1/199	90 Woi	rk Type: Surface Se	al - Fog Seal		Code:	SS-FS	Is I	Major M&R:	: False
Work Date: 9/1/200)4 Woi	rk Type: Base Cour	se - Pulverized AC		Code:	BA-PA	Is I	Major M&R:	: False
Work Date: 9/2/200)4 Woi	rk Type: Complete	Reconstruction - A	AC .	Code:	CR-AC	Is I	Major M&R:	True
Work Date: 9/1/201	Wor	rk Type: Crack Seal	ing - AC		Code:	CS-AC	Is I	Major M&R:	: False
Work Date: 9/1/201	15 Wor	rk Type: Crack Seal	ing - AC		Code:	CS-AC	Is N	Major M&R:	: False
Work Date: 7/1/202	20 Wor	rk Type: New Cons	truction - AC		Code:	NC-AC	Is N	Major M&R:	: True
Last Insp. Date: 3/	/1/2022	TotalSample	es: 24	Surv	eyed: 5				
Conditions: PCI:									
Inspection Commen	ts:								
Sample Number:	O1 Type	: R	Area:	5250.00 SqFt		PCI: 10	00		
Sample Comments:	Created by Inspe	ection Schedule							
<no distress=""></no>									
Sample Number: (08 Type	: R	Area:	5250.00 SqFt		PCI: 10	00		
Sample Comments:	Created by Inspe	ection Schedule							
<no distress=""></no>									
Sample Number:	Type	: R	Area:	5250.00 SqFt		PCI: 10	00		
Sample Comments:	Created by Inspe	ection Schedule							
<no distress=""></no>									
Sample Number:	17 Type	: R	Area:	5250.00 SqFt		PCI: 10	00		
Sample Comments:	Created by Inspe	ection Schedule							
<no distress=""></no>									
Sample Number: 2	22 Type	: R	Area:	5250.00 SqFt		PCI: 10	00		
Sample Comments:	Created by Inspe	ection Schedule							
at Div.									

<No Distress>

Network: Madras		Name:	Madras Municipal		
Branch: T02MA	Name:	Taxiway 02 Madras	Use:	ΓΑΧΙWΑΥ	Area: 202,245 SqFt
Section: 02	of 5	rom: Section 01		To: T03-02	Last Const.: 7/1/202
Surface: AC	Family: 2022_Central_C way_AC/AAC	Cat4/5_Taxi Zone:	S33	Category: L	Rank: P
Area: 27,3	40 SqFt Length:	775 Ft	Width:	35 Ft	
Slabs:	Slab Length:	Ft Slab V	Vidth:	Ft	Joint Length: Ft
Shoulder:	Street Type:	Grade	: 0		Lanes: 0
Section Comments:					
Work Date: 8/1/1943	Work Type: Base	Course - Aggregate	Code	e: BA-AG	Is Major M&R: False
Work Date: 8/1/1990	Work Type: Surfa	ce Course - AC	Code	e: SU-AC	Is Major M&R: True
Work Date: 9/1/2000	Work Type: Crack	Sealing - AC	Code	e: CS-AC	Is Major M&R: False
Work Date: 9/2/2000	Work Type: Surfa	ce Seal - Fog Seal	Code	e: SS-FS	Is Major M&R: False
Work Date: 9/1/2008	Work Type: Crack	Seal - Wide Cracks	Code	e: CS-WD	Is Major M&R: False
Work Date: 9/1/2012	Work Type: Crack	Sealing - AC	Code	e: CS-AC	Is Major M&R: False
Work Date: 9/2/2012	Work Type: Patch	ing - AC Deep	Code	e: PA-AD	Is Major M&R: False
Work Date: 9/1/2015	Work Type: Crack	Sealing - AC	Code	e: CS-AC	Is Major M&R: False
Work Date: 7/1/2020	Work Type: Comp	lete Reconstruction - AC	Code	e: CR-AC	Is Major M&R: True
Last Insp. Date: 3/1/2022	TotalSa	imples: 6	Surveyed:	4	
Conditions: PCI: 94 Inspection Comments:					
Sample Number: 01	Type: R	Area:	2750.00 SqFt	PCI: 94	
_	reated by Inspection Schedule				
77 WEATHERING	L	2750.00 SqFt			
Sample Number: 03	Type: R	Area:	5250.00 SqFt	PCI: 94	
Sample Comments: Cr	reated by Inspection Schedule				
WEATHERING	L	5250.00 SqFt			
Sample Number: 04	Type: R	Area:	5250.00 SqFt	PCI: 94	
Sample Comments: C1	reated by Inspection Schedule				
WEATHERING	L	5250.00 SqFt			
Sample Number: 06	Type: R	Area:	3550.00 SqFt	PCI: 94	
Sample Comments:					

L 3550.00 SqFt

57 WEATHERING

Mad	idras												Na	ıme:			Mad	lras M	Iunic	ipal												
Γ021	2MA						N	ame	:		Tax	iwa	y 02	Mad	lras				Use	: Т	ΓΑΧΙ	IWA	Υ		Area	1:		20	02,24	5 SqFt		
					o	f 5	;		F	ron	1:	S	ectio	on 04	ļ						To):	R34	End					Las	t Cons	st.:	5/18/20
]	Fami	ly:				ral_(AC	Cat4	/5_T	axi	Zo	ne:		S3:	3				Ca	ateg	ory:	L					Rai	nk: P		
		10,9	910	SqFt			I	Leng	th:				215	Ft				Wid	th:				35 F	:								
				Slab	Ler	gth	:				F	t		S	lab	Wid	lth:				Ft					Joint	Leng	gth:			Ft	
				Stre	et T	ype:	:							G	rad	le:	0									Lane	s:	0				
ents	ts:																															
15/2	5/201:	5			W	ork	Тур	e: (Geote	extile	e									Code	: F	Ъ-Т	X			Is	s Ma	jor N	1&R:	: False	;	
16/2	5/201:	5			W	ork	Тур	e: S	Subba	ase -	Agg	greg	gate							Code	: S	B-A	\G			Is	s Ma	jor N	1&R:	False	;	
17/2	7/201:	5			W	ork	Тур	e: I	Base	Cou	rse -	Ag	greg	ate						Code	: В	BA-A	AG			Is	s Ma	jor N	A&R:	False	;	
18/2	3/201	5			W	ork	Тур	e: (Comp	olete	Rec	ons	truct	ion -	AC	2				Code	: C	R-A	AC			Is	s Ma	jor N	A&R	True		
:	3/1/	202	2					To	talSa	amp	les:	3						S	urve	yed:	2											
PC	CI:	94																														
nme	nents	:																														
er:	02				Tyl	e:		R				Aı	rea:				3117	7.00 S	qFt			I	PCI:	94								
ents	ts:	C	rea	ted b	y Ins	pect	tion	Sche	dule																							
IER	RINC	j					L			31	17.0	0	SqFt																			
er:	03				Tyl	e:		R				Aı	rea:				4388	3.00 S	qFt			I	PCI:	94								
	03		rea	ted b			tion		dule			Aı	rea:				4388	3.00 S	qFt			1	PCI:	9.	4	4	4	4	4	4	4	4

L 4388.00 SqFt

57

WEATHERING

Network: Madras		Name:	Madras Munici	pal		
Branch: T02MA	Name:	Taxiway 02 Madras	Use:	TAXIWAY	Area:	202,245 SqFt
Section: 01	of 5	From: R16 End		To: T02MA	A-02	Last Const.: 5/18/2015
Surface: AC F:	amily: 2022_Central_ way_AC/AAC	Cat4/5_Taxi Zone:	S33	Category: L	,	Rank: P
Area: 10,072 S	SqFt Length:	205 Ft	Width:	35 Ft		
Slabs:	Slab Length:	Ft Slab	Width:	Ft	Joint L	ength: Ft
Shoulder: S	Street Type:	Gra	de: 0		Lanes:	0
Section Comments:						
Work Date: 5/15/2015	Work Type: Geote	extile	(Code: FB-TX	Is I	Major M&R: False
Work Date: 5/16/2015	Work Type: Subb	ase - Aggregate	(Code: SB-AG	Is I	Major M&R: False
Work Date: 5/17/2015	Work Type: Base	Course - Aggregate	(Code: BA-AG	Is I	Major M&R: False
Work Date: 5/18/2015	Work Type: Com	olete Reconstruction - A	C	Code: CR-AC	Is I	Major M&R: True
Last Insp. Date: 3/1/2022	TotalS	amples: 3	Survey	ved: 2		
Conditions: PCI: 86						
Inspection Comments:						
Sample Number: 01	Type: R	Area:	3847.00 SqFt	PCI:	86	
Sample Comments: Create	ed by Inspection Schedule					
57 WEATHERING	L	3000.00 SqFt				
57 WEATHERING	M	847.00 SqFt				
Sample Number: 02	Type: R	Area:	3601.00 SqFt	PCI:	86	
Sample Comments: Create	ed by Inspection Schedule					
57 WEATHERING	L	3300.00 SqFt				
57 WEATHERING	M	301.00 SqFt				
48 L & T CR	L	10.00 Ft				

Network: Madra	ıs			Name:	Ma	dras Munici	pal					
Branch: T03M	Ā	Name:	Taxiwa	y 03 Madra	ıs	Use:	TA	XIWAY	Area	a: 2'	7,636 SqFt	
Section: 02	С	of 2	From: S	Section 01				To: T02N	MА		Last Const.:	7/1/2020
Surface: AC	Family:	2022_Centra way_AC/AA	ıl_Cat4/5_Taxi .C	Zone:	S33			Category:	L		Rank: P	
Area:	20,650 SqFt	Length	ı:	460 Ft		Width:		35 Ft	t			
Slabs:	Slab Lei	ngth:	Ft	Sla	b Width:			Ft		Joint Length:	F	t
Shoulder:	Street T	ype:		Gr	ade: 0					Lanes: 0		
Section Comments:												
Work Date: 8/1/199	W	ork Type: Ba	se Course - Ag	gregate		ı	Code:	BA-AG		Is Major M	&R: False	
Work Date: 8/2/199	90 W	ork Type: Ne	w Construction	n - AC			Code:	NC-AC		Is Major M	&R: True	
Work Date: 9/1/200	00 W	ork Type: Cr	ack Sealing - A	C		ı	Code:	CS-AC		Is Major M	&R: False	
Work Date: 9/2/200	00 W	ork Type: Su	rface Seal - Fo	g Seal		-	Code:	SS-FS		Is Major M	&R: False	
Work Date: 6/1/200)1 W	ork Type: Cr	ack Sealing - A	ıC		-	Code:	CS-AC		Is Major M	&R: False	
Work Date: 9/1/200	08 W	ork Type: Cr	ack Seal - Wid	e Cracks			Code:	CS-WD		Is Major M	&R: False	
Work Date: 9/1/201	2 W	ork Type: Cr	ack Sealing - A	ıC.		ı	Code:	CS-AC		Is Major M	&R: False	
Work Date: 9/2/201	2 W	ork Type: Pa	tching - AC De	еер			Code:	PA-AD		Is Major M	&R: False	
Work Date: 9/1/201	.5 W	ork Type: Cr	ack Sealing - A	ıC.			Code:	CS-AC		Is Major M	&R: False	
Work Date: 7/1/202	20 W	ork Type: Ne	w Construction	n - AC			Code:	NC-AC		Is Major M	&R: True	
Last Insp. Date: 3/	1/2022	Tota	lSamples: 4			Surve	yed: 3	ļ				
Conditions: PCI:												
Sample Number: (pe: R	Aı	rea:	525	0.00 SqFt		PCI:	94			
Sample Comments:	-	spection Sched										
57 WEATHERIN	-	L	5250.00	SaFt								
Sample Number: (pe: R		rea:	525	0.00 SqFt		PCI:	94			
Sample Comments:	-	spection Sched	ule			-						
57 WEATHERIN	NG	L	5250.00	SqFt								
Sample Number: (pe: R		rea:	515	7.00 SqFt		PCI:	94			
Sample Comments:						-						

L 5157.00 SqFt

57 WEATHERING

Network: Madras Name: Madras Municipal T03MA Taxiway 03 Madras TAXIWAY **Branch:** Name: Use: Area: 27,636 SqFt 01 Section: of 2 From: R16-34 To: Section 02 Last Const.: 5/18/2015 ACFamily: 2022_Central_Cat4/5_Taxi Zone: S33 Rank: P Surface: Category: L way AC/AAC 6,986 SqFt Length: Width: Area: 163 Ft 35 Ft Slabs: Slab Length: Ft Slab Width: Ft Joint Length: Ft Shoulder: **Street Type:** Grade: 0 Lanes: **Section Comments: Work Date:** 5/15/2015 Work Type: Geotextile Code: FB-TX Is Major M&R: False Work Date: 5/16/2015 Work Type: Subbase - Aggregate Code: SB-AG Is Major M&R: False **Work Date:** 5/17/2015 Work Type: Base Course - Aggregate Code: BA-AG Is Major M&R: False Work Date: 5/18/2015 Work Type: Complete Reconstruction - AC Code: CR-AC Is Major M&R: True TotalSamples: 1 **Last Insp. Date:** 3/1/2022 Surveyed: 1 **Conditions:** PCI: **Inspection Comments:** Sample Number: 01 Type: R Area: 6985.00 SqFt **PCI:** 94

Sample Comments: Created by Inspection Schedule

57 WEATHERING L 6985.00 SqFt

Network:	Madras]	Name: M	adras Municipa	1		
Branch:	T04MA		Name:	Taxiway ()4 Madras	Use:	TAXIWAY	Area:	6,892 SqFt
Section:	01	o	f 1 I	From: T02	2		To: A03		Last Const.: 9/3/2011
Surface:	AC	Family:	2022_Central_way_AC/AAC		Zone: S33		Category: L		Rank: P
Area:		6,892 SqFt	Length:	12	28 Ft	Width:	40 Ft		
Slabs:		Slab Ler	ıgth:	Ft	Slab Width	:	Ft	Joint Length:	: Ft
Shoulder:		Street T	ype:		Grade:	0		Lanes: 0	
Section Co	omments:								
Work Date	e: 9/1/2011	W	ork Type: Subb	ase - Aggregat	e	Co	ode: SB-AG	Is Major	M&R: False
Work Date	e: 9/2/2011	W	ork Type: Base	Course - Aggr	egate	Co	ode: BA-AG	Is Major	M&R: False
Work Date	e: 9/3/2011	w	ork Type: New	Construction -	AC	Co	ode: NC-AC	Is Major	M&R: True
Last Insp.	Date: 3/1/2	2022	TotalS	amples: 1		Surveye	d: 1		
Conditions	s: PCI:	89							
Inspection	Comments:								
Sample Nu	ımber: 01	Tyj	pe: R	Area	n: 68	92.00 SqFt	PCI: 89)	

 Sample Comments:
 Created by Inspection Schedule

 48
 L & T CR
 L
 42.00
 Ft

 48
 L & T CR
 L
 13.00
 Ft

 57
 WEATHERING
 L
 6892.00
 SqFt

Network: Madras Name: Madras Municipal Branch: T05MA Taxiway 05 Madras Use: TAXIWAY 3,500 SqFt Name: Area: 01 Section: of 1 From: A03 **To:** A04 Last Const.: 9/3/2011 ACFamily: 2022_Central_Cat4/5_Taxi Zone: S33 Rank: P Surface: Category: L way AC/AAC Width: 3,500 SqFt Length: 70 Ft 50 Ft Area: Slabs: Slab Length: Ft Slab Width: Ft Joint Length: Ft **Street Type:** 0 Shoulder: Grade: Lanes: **Section Comments:** Work Date: 9/1/2011 Work Type: Subbase - Aggregate Code: SB-AG Is Major M&R: False Work Date: 9/2/2011 Work Type: Base Course - Aggregate Code: BA-AG Is Major M&R: False Work Date: 9/3/2011 Work Type: New Construction - AC Code: NC-AC Is Major M&R: True **Last Insp. Date:** 3/1/2022 TotalSamples: 1 Surveyed: 1 **Conditions:** PCI: **Inspection Comments:** PCI: 94 Area: 3500.00 SqFt

Sample Number: 01 Type: R
Sample Comments: Created by Inspection Schedule

57

WEATHERING L 3500.00 SqFt

Network:	Madras			Name:	Madras	Municipal						
Branch:	T06MA		Name:	Taxiway 06 Madr	ras	Use:	ΓAXIWAY	Area:		19,816 S	qFt	
Section:	01	of	1 I	From: T02			To: A04			Last C	Const.: 9/3	3/2011
Surface:	AC	Family:	2022_Central_way_AC/AAC	Cat4/5_Taxi Zone:	S33		Category: L			Rank:	P	
Area:		19,816 SqFt	Length:	128 Ft	W	idth:	150 Ft					
Slabs:		Slab Leng	gth:	Ft Sla	ab Width:		Ft	Join	t Length:		Ft	
Shoulder:		Street Tyj	pe:	Gi	rade: 0			Lan	es: 0			
Section Con	mments:											
Work Date	9/1/2011	Wo	rk Type: Subb	ase - Aggregate		Code	e: SB-AG	:	Is Major N	M&R: F	alse	
Work Date	9/2/2011	Wo	rk Type: Base	Course - Aggregate		Code	e: BA-AG		Is Major N	M&R : F	alse	
Work Date	e: 9/3/2011	Wo	rk Type: New	Construction - AC		Code	e: NC-AC		Is Major I	M&R: T	`rue	
			• •			Couc	. No no		is Major P	icit. 1	ruc	
Last Insp. I	Date: 3/1/	/2022	TotalSa	amples: 4		Surveyed:			is Major P		Tuc	
Last Insp. I		/2022 90	TotalSa						is Major P		Tue	
-	: PCI:	90	TotalS						is wiajoi p		Tuc	
Conditions	: PCI:	90			4032.00	Surveyed:			is Major P	, , , , , , , , , , , , , , , , , , ,	Tuc	
Conditions:	: PCI: Comments mber: 01	90	e: R	amples: 4 Area:	4032.00	Surveyed:	3		is Major P		Tue Tue	
Conditions: Inspection of Sample Num Sample Con	: PCI: Comments mber: 01	90 : Type Created by Insp	e: R	amples: 4 Area:	4032.00	Surveyed:	3		is Major P		Tue	
Conditions: Inspection of Sample Num Sample Con 57 WEA	c: PCI: Comments mber: 01 mments:	90 : Type Created by Insp	e: R ection Schedule	Area:	4032.00	Surveyed:	3		is wajur P		Tue	
Conditions: Inspection of Sample Num Sample Con 57 WEA	: PCI: Comments mber: 01 mments: ATHERING	90 : Type Created by Insp	e: R ection Schedule L L	Area: 4032.00 SqFt	4032.00	Surveyed: SqFt	3	6	is wajur P			
Conditions: Inspection of Sample Nur Sample Con 57 WEA 48 L &	c: PCI: Comments mber: 01 mments: ATHERING T CR mber: 03	90 : Type Created by Insp	e: R ection Schedule L L R	Area: 4032.00 SqFt 100.00 Ft Area:		Surveyed: SqFt	PCI: 8	6	is Major P			
Conditions: Inspection of Sample Nur Sample Con 57 WE 48 L & Sample Nur Sample Con	c: PCI: Comments mber: 01 mments: ATHERING T CR mber: 03	90 : Type Created by Insp	e: R ection Schedule L L R	Area: 4032.00 SqFt 100.00 Ft Area:		Surveyed: SqFt	PCI: 8	6	is Major P			
Conditions: Inspection of Sample Nur Sample Con 57 WE 48 L & Sample Nur Sample Con 48 L &	c: PCI: Comments mber: 01 mments: ATHERING T CR mber: 03 mments:	90 : Type Created by Insp G Created by Insp	e: R ection Schedule L L e: R ection Schedule	Area: 4032.00 SqFt 100.00 Ft Area:		Surveyed: SqFt	PCI: 8	6	is Major P			

5875.00 SqFt 6.00 Ft

L L

57

48

WEATHERING

L & T CR

Network: Madras Name: Madras Municipal 3,500 SqFt Branch: T07MA Taxiway 07 Madras Use: TAXIWAY Name: Area: 01 Section: of 1 From: A04 **To:** A05 Last Const.: 9/3/2011 ACFamily: 2022_Central_Cat4/5_Taxi Zone: S33 Rank: P Surface: Category: L way AC/AAC Width: 3,500 SqFt Length: 70 Ft 50 Ft Area: Slabs: Slab Length: Ft Slab Width: Ft Joint Length: Ft **Street Type:** 0 Shoulder: Grade: Lanes: **Section Comments:** Work Date: 9/1/2011 Work Type: Subbase - Aggregate Code: SB-AG Is Major M&R: False Work Date: 9/2/2011 Work Type: Base Course - Aggregate Code: BA-AG Is Major M&R: False Work Date: 9/3/2011 Work Type: New Construction - AC Code: NC-AC Is Major M&R: True **Last Insp. Date:** 3/1/2022 TotalSamples: 1 Surveyed: 1 **Conditions:** PCI: **Inspection Comments:** PCI: 94 Area: 3500.00 SqFt

Sample Number: 01 Type: R
Sample Comments: Created by Inspection Schedule

WEATHERING

57

3500.00 SqFt

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.	26.1				***	1 36	,					
Network:	Madras				Name: Ma	dras Municipa	al 					
Branch:	T08MA		Name:	Taxiway (08 Madras	Use:	TA	XIWAY	Area:	10),660 SqFt	
Section:	01	of 1	Fr	om: T02	2		-	Го: А04			Last Const.:	9/3/2011
Surface:	AC		22_Central_C y_AC/AAC	at4/5_Taxi	Zone: S33		(Category: L			Rank: P	
Area:	10,6	60 SqFt	Length:	1	28 Ft	Width:		40 Ft				
Slabs:		Slab Length:		Ft	Slab Width:		I	Ft	Join	nt Length:	F	t
Shoulder:		Street Type:			Grade: 0				Lar	nes: 0		
Section Co	omments:											
Work Date	e: 9/1/2011	Work	Гуре: Subbas	se - Aggregat	e	C	ode:	SB-AG		Is Major Mo	&R: False	
Work Date	e: 9/2/2011	Work	Гуре: Base C	Course - Aggr	regate	C	ode:	BA-AG		Is Major Mo	&R: False	
Work Date	e: 9/3/2011	Work	Гуре: New С	Construction -	AC	C	ode:	NC-AC		Is Major Mo	&R: True	
Last Insp.	Date: 3/1/2022		TotalSa	mples: 2		Surveye	ed: 2					
Conditions	s: PCI: 88											
Inspection	Comments:											
Sample Nu	ımber: 01	Type:	R	Area	a: 567	7.00 SqFt		PCI: 9	1			
Sample Co	omments: C1	reated by Inspecti	on Schedule									
48 L &	t T CR		L	15.00 Ft								
57 WE	EATHERING		L	5677.00 Sc	ıFt							
Sample Nu	umber: 02	Type:	R	Area	a: 498	1.00 SqFt		PCI: 8	5			
Sample Co	omments: C1	reated by Inspecti	on Schedule									
48 L&	t T CR		L	2.00 Ft								
	EATHERING		L	4981.00 Sc	•							
50 PA	TCHING		L	168.00 Sc	ιFt							

Network: Madras			Na	me: Mac	dras Municipa	ıl			
Branch: T09MA		Name:	Taxiway 09 l	Madras	Use:	TAXIWAY	Area:	19,115	SqFt
Section: 04	of	4	From: T09-03	3		To: T11-01		Last	Const.: 9/2/1998
Surface: AC	Family:	2022_Central_ way_AC/AAC	Cat4/5_Taxi Zo	ne: S33		Category: L		Rank	: S
Area:	7,805 SqFt	Length:	461	Ft	Width:	20 Ft			
Slabs:	Slab Leng	gth:	Ft	Slab Width:		Ft	Joint	Length:	Ft
Shoulder:	Street Ty	pe:		Grade: 0			Lanes	s: 0	
Section Comments:									
Work Date: 9/1/1998	Wo	rk Type: Base	Course - Unknow	wn (Major MR)	C	ode: BA-UN	Is	s Major M&R:	True
Work Date: 9/2/1998	Wo	rk Type: New	Construction - AC	C	C	ode: NC-AC	Is	s Major M&R:	True
Work Date: 9/1/2008	Wo	rk Type: Crac	k Sealing - AC		C	ode: CS-AC	Is	s Major M&R:	False
Work Date: 9/1/2012	Wo	ork Type: Crac	k Sealing - AC		C	ode: CS-AC	Is	s Major M&R:	False
Work Date: 9/1/2015	Wo	rk Type: Crac	k Sealing - AC		C	ode: CS-AC	I	s Major M&R:	False
		• •	J		C.	ouc. 05 110	-	s wajor wax.	i disc
Last Insp. Date: 3/1	/2022		amples: 2		Surveye			s major mex.	i disc
								s Major Meett.	i disc
Conditions: PCI:	64							S Major Meeter	i disc
Conditions: PCI: Inspection Comments	64 ::	TotalS		433:				, major meet.	i disc
Conditions: PCI: Inspection Comments Sample Number: 01	64 ::	TotalS e: R	amples: 2	433.	Surveye	d: 2		s major meet.	i disc
Conditions: PCI: Inspection Comments Sample Number: 01 Sample Comments:	64 S: Type	TotalS e: R	amples: 2	433.	Surveye	d: 2		s major meet.	i disc
Conditions: PCI: Inspection Comments Sample Number: 01 Sample Comments: 48 L&TCR	64 S: Type	TotalS e: R section Schedule	Area:	433.	Surveye	d: 2		s major meet.	i disc
Conditions: PCI: Inspection Comments Sample Number: 01 Sample Comments: 48 L&TCR 48 L&TCR 48 L&TCR	64 S: Type	TotalS e: R ection Schedule L L M	Area: e 20.00 Ft 35.00 Ft 100.00 Ft	433.	Surveye	d: 2		s major meet.	T disc
Conditions: PCI: Inspection Comments Sample Number: 01 Sample Comments: 48 L&TCR 48 L&TCR 48 L&TCR 48 L&TCR	64 Type Created by Insp	TotalS e: R ection Schedule L L M M	Area: 20.00 Ft 35.00 Ft 100.00 Ft 26.00 Ft	433:	Surveye	d: 2		, major meet.	T disc
Conditions: PCI: Inspection Comments Sample Number: 01 Sample Comments: 48 L&TCR 48 L&TCR 48 L&TCR 48 L&TCR 48 L&TCR 57 WEATHERING	64 Type Created by Insp	TotalS e: R pection Schedule L L M M M	Area: e 20.00 Ft 35.00 Ft 100.00 Ft		Surveye	d: 2 PCI: 72	2	, major meet.	i disc
Conditions: PCI: Inspection Comments Sample Number: 01 Sample Comments: 48 L&TCR 48 L&TCR 48 L&TCR 48 L&TCR 48 L&TCR	64 Type Created by Insp	TotalS e: R pection Schedule L L M M M	Area: 20.00 Ft 35.00 Ft 100.00 Ft 26.00 Ft		Surveye	d: 2	2	, major meet.	i disc
Conditions: PCI: Inspection Comments Sample Number: 01 Sample Comments: 48 L & T CR 57 WEATHERING Sample Number: 02	64 Type Created by Insp	TotalS e: R ection Schedule L L M M M M e: R	Area: 20.00 Ft 35.00 Ft 100.00 Ft 26.00 Ft 4335.00 SqFt Area:		Surveye	d: 2 PCI: 72	2	s major meet.	T disc
Conditions: PCI: Inspection Comments Sample Number: 01 Sample Comments: 48 L & T CR 57 WEATHERING Sample Number: 02 Sample Comments:	G Created by Insp	TotalS e: R ection Schedule L L M M M M e: R	Area: 20.00 Ft 35.00 Ft 100.00 Ft 26.00 Ft 4335.00 SqFt Area:		Surveye	d: 2 PCI: 72	2	, major meet.	
Conditions: PCI: Inspection Comments Sample Number: 01 Sample Comments: 48 L & T CR 57 WEATHERING Sample Number: 02 Sample Comments:	GCR	TotalS e: R pection Schedule L L M M M M e: R	Area: 20.00 Ft 35.00 Ft 100.00 Ft 26.00 Ft 4335.00 SqFt Area:	3470	Surveye	d: 2 PCI: 72	2	, major meet.	T disc
Conditions: PCI: Inspection Comments Sample Number: 01 Sample Comments: 48 L & T CR 57 WEATHERING Sample Number: 02 Sample Comments: 41 ALLIGATOR 0	GCR	TotalS e: R pection Schedule L L M M M M e: R pection Schedule	Area: 20.00 Ft 35.00 Ft 100.00 Ft 26.00 Ft 4335.00 SqFt Area: 20.00 SqFt	3470	Surveye	d: 2 PCI: 72	2	, major meet.	
48 L & T CR 48 L & T CR 48 L & T CR 57 WEATHERING Sample Number: 02 Sample Comments: 41 ALLIGATOR 6 57 WEATHERING	GCR	TotalS e: R dection Schedule L L M M M M e: R dection Schedule M L	Area: 20.00 Ft 35.00 Ft 100.00 Ft 26.00 Ft 4335.00 SqFt Area: 20.00 SqFt 3470.00 SqFt	3470	Surveye	d: 2 PCI: 72	2	, major meet.	

Network:	Madras				Name:	Madras I	Municipal				
Branch:	T09MA		Name:	Taxiway	09 Madras		Use: T	AXIWAY	Area:	19,115 SqFt	
Section: (01	o	f 4 I	From: T	11			To: T09-02		Last Cons	st.: 9/1/1998
Surface:	APC	Family:	2022_Central_ Uses_APC	Cat4/5_All	Zone: S	833		Category: L		Rank: S	
Area:		2,535 SqFt	Length:		70 Ft	Wi	dth:	45 Ft			
Slabs:		Slab Len	igth:	Ft	Slab W	idth:		Ft	Joint Le	ength:	Ft
Shoulder:		Street Ty	ype:		Grade:	: 0			Lanes:	0	
Section Con	mments:										
Work Date:	: 9/1/1943	W	ork Type: Subb	ase - Unknov	wn (Major MR))	Code	: SB-UN	Is M	Iajor M&R: True	
Work Date:	: 9/2/1943	W	ork Type: New	Construction	ı - PCC		Code	: NC-PC	Is M	Iajor M&R: True	
Work Date:	: 9/1/1998	W	ork Type: Over	lay - AC Thi	n		Code	: OL-AT	Is M	Iajor M&R: True	
Work Date:	: 9/1/2012	W	ork Type: Cracl	k Sealing - A	С		Code	: CS-AC	Is M	Iajor M&R: False	;
Work Date:	: 9/1/2015	W	ork Type: Cracl	k Sealing - A	C		Code	: CS-AC	Is M	Iajor M&R: False	;
Last Insp. I	Date: 3/1/2	2022	TotalS	amples: 1			Surveyed:	1			
Conditions:	PCI:	71									
Inspection (Comments:										
Sample Nui	mber: 01	Тур	pe: R	Ar	ea:	2086.00	SqFt	PCI: 7	71		
Sample Cor	mments:	Created by Ins	pection Schedule	:							
57 WE	ATHERING	+	M	2086.00	SqFt						
	EF. CR		M	10.00	Ft						
47 JT R	EF. CR		L	106.00	Ft						

Network:	Madras				Name:	Madras Munic	ipal					
Branch:	T09MA		Name:	Taxiwa	y 09 Madras	Use	e: TA	AXIWAY	Area:	19,115	SqFt	
Section: 0	2	of	f 4	From:	709-01			To: T09-03		Las	t Const.:	9/2/1998
Surface: A	АC	Family:	2022_Central way_AC/AAC		Zone: S3	33		Category: L		Ran	ık: S	
Area:		4,725 SqFt	Length:		105 Ft	Width:		45 Ft				
Slabs:		Slab Len	gth:	Ft	Slab Wi	dth:		Ft	Joint Leng	gth:	F	t
Shoulder:		Street Ty	vpe:		Grade:	0			Lanes:	0		
Section Com	ments:											
Work Date:	9/1/1998	Wo	ork Type: Base	Course - U	nknown (Major	MR)	Code:	BA-UN	Is Ma	jor M&R:	True	
Work Date:	9/2/1998	Wo	ork Type: New	Construction	n - AC		Code:	NC-AC	Is Ma	jor M&R:	True	
Work Date:	9/1/2008	Wo	ork Type: Crac	k Sealing - A	vC		Code:	CS-AC	Is Ma	jor M&R:	False	
Work Date:	9/1/2012	Wo	ork Type: Crac	k Sealing - A	AC C		Code:	CS-AC	Is Ma	jor M&R:	False	
Work Date:	9/1/2015	We	ork Type: Crac	k Sealing - A	AC C		Code:	CS-AC	Is Ma	jor M&R:	False	
Last Insp. D	ate: 3/1/2	2022	Totals	Samples: 1		Surve	eyed:	1				
Conditions:	PCI:	71										
Inspection C	Comments:											
Sample Num	iber: 01	Тур	e: R	A	rea:	4725.00 SqFt		PCI: 71				
Sample Com	nments:	Created by Insp	pection Schedul	e								
57 WEA	THERING	+	M	4725.00	SqFt							
47 JT RE	EF. CR		L	185.00	Ft							
50 PATO	CHING		L	24.00	SqFt							
47 JT RE	EF. CR		M	8.00	Ft							
47 JT RE	EF. CR		L	193.00	E4							

Network:	Madras				Name	: Mad	dras Municipa	ıl			
Branch:	T09MA		Name:	Taxiw	ay 09 Mac	lras	Use:	TAXIWAY	Area:	19,115 SqFt	
Section:	03	0	of 4	From:	T09-02			To: T09-0)4	Last Cons	t.: 9/1/1998
Surface:	APC	Family:	2022_Central Uses_APC	_Cat4/5_All	Zone:	S33		Category:	L	Rank: S	
Area:		4,050 SqFt	Length:	:	90 Ft		Width:	45 Ft			
Slabs:		Slab Lei	ngth:	Ft	S	lab Width:		Ft	Joint L	ength:	Ft
Shoulder:		Street T	ype:		C	Grade: 0			Lanes:	0	
Section Cor	mments:										
Work Date	: 9/1/1943	W	ork Type: Sub	base - Unkn	own (Majo	or MR)	C	ode: SB-UN	Is 1	Major M&R: True	
Work Date	: 9/2/1943	W	ork Type: New	w Constructi	on - PCC		C	ode: NC-PC	Is I	Major M&R: True	
Work Date	: 9/1/1998	W	ork Type: Ove	erlay - AC T	hin		C	ode: OL-AT	Is 1	Major M&R: True	
Work Date	: 9/1/2008	W	ork Type: Cra	ck Sealing -	AC		C	ode: CS-AC	Is 1	Major M&R: False	
Work Date	: 9/1/2012	W	ork Type: Cra	ck Sealing -	AC		C	ode: CS-AC	Is	Major M&R: False	
Work Date	: 9/1/2015	W	ork Type: Cra	ck Sealing -	AC		C	ode: CS-AC	Is 1	Major M&R: False	
Last Insp. I	Date: 3/1/2	2022	Total	Samples:	1		Surveye	d: 1			
Conditions:	PCI:	75									
Inspection (Comments:										
Sample Nu	mber: 01	Ty	pe: R		Area:	4050	0.00 SqFt	PCI:	75		
Sample Cor	mments:	Created by Ins	spection Schedu	le							

4050.00 SqFt 670.00 Ft

M

L

57

47

WEATHERING

JT REF. CR

Network:	Madras				Nam	e: Mad	lras Munici	ipal					
Branch:	T10MA		Name:	Taxiw	ay 10 Ma	adras	Use	: TA	XIWAY	Area	a:	9,313 SqFt	
Section: 0)1	of	f 1	From:	T09-04				To: T11-	04		Last Const.:	9/2/1943
Surface: A	AC	Family:	2022_Centr way_AC/A	al_Cat4/5_Tax AC	i Zone	s: S33			Category:	L		Rank: S	
Area:		9,313 SqFt	Lengt	h:	800 Ft	t	Width:		10 Ft				
Slabs:		Slab Len	gth:	Ft		Slab Width:			Ft		Joint Length:	F	t
Shoulder:		Street Ty	pe:			Grade: 0					Lanes: 0		
Section Com	iments:												
Work Date:	9/1/1943	We	ork Type: Ba	ase Course - U	Jnknown	(Major MR)		Code:	BA-UN		Is Major I	M&R: True	
Work Date:	9/2/1943	We	ork Type: N	ew Construction	on - AC			Code:	NC-AC		Is Major I	M&R: True	
Last Insp. D	oate: 3/1/2	022	Tota	alSamples:	2		Surve	yed: 2	2				
Conditions:		19		•				•					
Inspection C	Comments:												
Sample Nun	nber: 01	Тур	e: R	Δ	rea:	4170	0.00 SqFt		PCI:	18			
Sample Con		Created by Insp											
57 WEA	THERING		M	4170.00	SaFt								
	CHING		L	120.00									
41 ALLI	IGATOR C	R	M	540.00	-								
41 ALLI	IGATOR C	R	M	424.00	SqFt								
48 L&T	ΓCR		M	290.00	Ft								
Sample Nun	nber: 02	Тур	e: R	A	rea:	5142	2.00 SqFt		PCI:	21			
Sample Com	nments:	Created by Insp	pection Sched	lule									
41 ALLI	IGATOR C	R	Н	24.00	SqFt								
41 ALLI	IGATOR C	R	M	175.00	-								
48 L&T	ΓCR		M	30.00	-								
48 L&T			Н	108.00									
	IGATOR C	R	M	267.00									
50 PATO	CHING		L	1100.00									
	THERING		M	4042.00	-								
48 L&T			L	120.00	-								
10 I 0- 1			М	79.00									

78.00 Ft

M

48

L & T CR

Network:	Madras				Nam	e: Mad	ras Munic	ipal					
Branch:	T11MA		Name:	Taxiwa	ıy 11 Ma	adras	Use	: TA	AXIWAY	Area:	8,50	4 SqFt	
Section: 0	4	o	f 4	From:	Γ11-03				To: End		Las	t Const.:	9/2/1998
Surface: A	.C	Family:	2022_Centr way_AC/A	ral_Cat4/5_Tax AC	i Zone	s: S33			Category:	L	Ra	nk: S	
Area:		2,500 SqFt	Lengt	h:	190 Ft	t	Width:		20 Ft				
Slabs:		Slab Lei	ngth:	Ft		Slab Width:			Ft	Join	t Length:	F	t
Shoulder:		Street T	ype:			Grade: 0				Lan	es: 0		
Section Com	ments:												
Work Date:	9/1/1998	W	ork Type: B	ase Course - U	nknown	(Major MR)		Code:	BA-UN]	Is Major M&R	True	
Work Date:	9/2/1998	W	ork Type: N	ew Construction	n - AC			Code:	NC-AC]	Is Major M&R	True	
Work Date:	9/1/2008	W	ork Type: C	rack Sealing - A	AC			Code:	CS-AC]	Is Major M&R	: False	
Work Date:	9/1/2012	W	ork Type: C	rack Sealing - A	AC			Code:	CS-AC]	Is Major M&R	: False	
Work Date:	9/1/2015	W	ork Type: C	rack Sealing - A	AC			Code:	CS-AC]	Is Major M&R	: False	
Last Insp. Da	ate: 3/1/2	2022	Tot	alSamples:	l		Surve	yed:	1				
Conditions:	PCI:	42											
Inspection C	omments:												
Sample Num	ber: 01	Ty	pe: R	A	rea:	2500	0.00 SqFt		PCI:	42			
Sample Com		Created by Ins	-	lule			•						
48 L&T	CR		M	70.00	Ft								
48 L&T			M	94.00									
48 L&T			L	24.00	Ft								
48 L&T	CR		L	84.00	Ft								
57 WEA	THERING		M	2500.00	SqFt								
41 ALLI	GATOR C	D	M	50.00	-								

Network:	Madras				Name: Ma	dras Municipa	ıl		
Branch:	T11MA		Name:	Taxiway	11 Madras	Use:	TAXIWAY	Area:	8,504 SqFt
Section:	02	oi	f 4	From: T1	1-01		To: T11-03		Last Const.: 9/2/1998
Surface:	AC	Family:	2022_Central way_AC/AAG	_Cat4/5_Taxi	Zone: S33		Category: L		Rank: S
Area:		1,543 SqFt	Length:		75 Ft	Width:	20 Ft		
Slabs:		Slab Len	gth:	Ft	Slab Width:		Ft	Joint Lengtl	h: Ft
Shoulder:		Street Ty	pe:		Grade: 0			Lanes:)
Section Co	mments:								
Work Date	e: 9/1/1998	W	ork Type: Bas	e Course - Unk	nown (Major MR)	Co	ode: BA-UN	Is Majo	r M&R: True
Work Date	e: 9/2/1998	W	ork Type: New	Construction -	- AC	Co	ode: NC-AC	Is Majo	r M&R: True
Work Date	9/1/2012	W	ork Type: Cra	ck Sealing - AC	1,	Co	ode: CS-AC	Is Majo	r M&R: False
Work Date	9/1/2015	W	ork Type: Cra	ck Sealing - AC		Co	ode: CS-AC	Is Majo	r M&R: False
Last Insp. 1	Date: 3/1/2	2022	Totals	Samples: 1		Surveye	d: 1		
Inspection	Comments:								
Sample Nu	mber: 01	Тур	e: R	Are	a: 154	3.00 SqFt	PCI: 4	0	
Sample Co	mments:	Created by Ins	pection Schedu	e					
57 WE. 57 WE. 50 PAT	T CR ATHERING ATHERING ICHING T CR		M H M L L	100.00 Ft 793.00 Sc 750.00 Sc 75.00 Sc 25.00 Ft	qFt qFt qFt				

Network:	Madras			N	Name: M	Iadras Municipa	.1				
Branch:	T11MA		Name:	Taxiway 1	1 Madras	Use:	TAXIWAY	Area:	8,504	1 SqFt	
Section:	03	C	of 4 F	rom: T11	-02		To: T11	1-04	Las	t Const.:	9/1/1998
Surface:	APC	Family:	2022_Central_C Uses_APC	Cat4/5_All Z	Zone: S33		Category	: L	Ran	ık: S	
Area:		1,600 SqFt	Length:	8	0 Ft	Width:	20	Ft			
Slabs:		Slab Le	ngth:	Ft	Slab Widtl	h:	Ft	Joint Le	ngth:	Ft	
Shoulder:		Street T	ype:		Grade:	0		Lanes:	0		
Section Co	mments:										
Work Date	e: 9/1/1943	W	Vork Type: Subba	se - Unknown	(Major MR)	Co	ode: SB-UN	Is M	Iajor M&R:	True	
Work Date	e: 9/2/1943	W	Vork Type: New	Construction - 1	PCC	Co	ode: NC-PC	Is M	Iajor M&R:	True	
Work Date	e: 9/1/1998	W	ork Type: Overl	ay - AC Thin		Co	ode: OL-AT	Is M	Iajor M&R:	True	
Work Date	e: 9/1/2008	W	Vork Type: Crack	Sealing - AC		Co	ode: CS-AC	Is M	Iajor M&R:	False	
Work Date	e: 9/1/2012	W	Vork Type: Crack	Sealing - AC		Co	ode: CS-AC	Is N	Iajor M&R:	False	
Work Date	e: 9/1/2015	W	Vork Type: Crack	Sealing - AC		Co	ode: CS-AC	Is M	Iajor M&R:	False	
Last Insp.	Date: 3/1/2	2022	TotalSa	mples: 1		Surveye	d: 1				
Conditions	s: PCI:	42									
Inspection	Comments:										
Sample Nu	ımber: 01	Ту	pe: R	Area	: 10	600.00 SqFt	PCI	: 42			
Sample Co	mments:	Created by Ins	spection Schedule								
57 WE	ATHERING		Н	800.00 SqI	₹t						
	ATHERING		M	800.00 SqI							
48 L&	T CR		L	123.00 Ft							
48 L&	T CR		M	25.00 Ft							

Network: M	ladras –				Name:	Madr	as Municipal	l					
Branch: Ti	11MA		Name:	Taxiway	11 Madras		Use:	TAXIW	AY	Area:	8	,504 SqFt	
Section: 01		of	F4 Fr	om: T	02			To:	T11-02			Last Const.:	7/1/2020
Surface: AC		Family:	2022_Central_C way_AC/AAC	at4/5_Taxi	Zone: S	333		Cate	gory: L			Rank: S	
Area:	2,	861 SqFt	Length:		60 Ft		Width:		43 Ft				
Slabs:		Slab Len	gth:	Ft	Slab W	idth:		Ft		Joint Le	ength:	F	t
Shoulder:		Street Ty	pe:		Grade:	0				Lanes:	0		
Section Commer	nts:												
Work Date: 9/1	/1919	Wo	ork Type: Base C	Course - Un	known (Major	·MR)	Co	ode: BA-	-UN	Is M	lajor Md	&R: True	
Work Date: 9/2	2/1919	Wo	ork Type: New C	onstruction	- AC		Co	ode: NC-	-AC	Is N	lajor Me	&R: True	
Work Date: 9/1	/1998	Wo	ork Type: Overla	y - AC Thi	n		Co	ode: OL-	-AT	Is N	Iajor Me	&R: True	
Work Date: 9/1	/2008	Wo	ork Type: Crack	Sealing - A	С		Co	ode: CS-	AC	Is N	lajor Ma	&R: False	
Work Date: 9/1	/2012	Wo	ork Type: Crack	Sealing - A	С		Co	ode: CS-	AC	Is M	lajor Md	&R: False	
Work Date: 9/1	/2015	Wo	ork Type: Crack	Sealing - A	С		Co	ode: CS-	AC	Is M	lajor Md	&R: False	
Work Date: 7/1	/2020	Wo	ork Type: New C	onstruction	- AC		Co	ode: NC-	-AC	Is M	1ajor M	&R: True	
Last Insp. Date:	3/1/202	2	TotalSar	nples: 1			Surveyed	d: 1					
Conditions: F	PCI: 94	1											
Inspection Com	ments:												
Sample Number	m. 01	Тур	e: R	Α	ea:	2061	00 SqFt		PCI: 94				

Sample Comments: Created by Inspection Schedule

2861.00 SqFt 57 WEATHERING L

Network: Madras Name: Madras Municipal Branch: T12MA Taxiway 12 Madras Use: TAXIWAY 872 SqFt Name: Area: 01 T05-04 Section: of 1 From: To: End Last Const.: 9/2/1998 Surface: ACFamily: 2022_Central_Cat4/5_Taxi Zone: S33 Rank: S Category: L way AC/AAC Width: 872 SqFt Length: 35 Ft 20 Ft Area: Slabs: Slab Length: Ft Slab Width: Ft Joint Length: Ft **Street Type:** 0 Shoulder: Grade: Lanes: **Section Comments:** Work Date: 9/1/1998 Work Type: Base Course - Unknown (Major MR) Code: BA-UN Is Major M&R: True Work Date: 9/2/1998 Work Type: New Construction - AC Code: NC-AC Is Major M&R: True **Last Insp. Date:** 3/1/2022 TotalSamples: 1 Surveyed: 1 **Conditions:** PCI: **Inspection Comments:** Sample Number: 01 R **PCI:** 75 Type: 872.00 SqFt Area: **Sample Comments:** Created by Inspection Schedule

57

48

WEATHERING

L & T CR

M

L

872.00 SqFt

16.00 Ft

Network: Madras Name: Madras Municipal Branch: T13MA Taxiway 13 Madras Use: TAXIWAY 19,276 SqFt Name: Area: 04 To: T11MA Section: of 4 From: T13MA-03 Last Const.: 1/1/1901 ACFamily: 2022_Central_Cat4/5_Taxi Zone: S33 Rank: S Surface: Category: L way AC/AAC Width: 5,081 SqFt Length: 95 Ft Area: 53 Ft Slabs: Slab Length: Ft Slab Width: Ft Joint Length: Ft 0 Shoulder: **Street Type:** Grade: Lanes: **Section Comments:** Work Date: 1/1/1901 Work Type: New Construction - Initial Code: NU-IN Is Major M&R: True Work Date: 9/1/2012 Work Type: Crack Sealing - AC Code: CS-AC Is Major M&R: False Work Date: 9/1/2015 Work Type: Crack Sealing - AC Code: CS-AC Is Major M&R: False **Last Insp. Date:** 3/1/2022 TotalSamples: 1 Surveyed: 1 **Conditions:** PCI: **Inspection Comments:** PCI: 94 Area: 5081.00 SqFt

Sample Number: 01 **Type:** R **Sample Comments:** Created by Inspection Schedule

57

WEATHERING L 5081.00 SqFt

Network:	Madras				Name:	Madras M	lunicipal					
Branch:	T13MA		Name:	Taxiway	13 Madras		Use: 7	TAXIWAY	Area:	19,2	76 SqFt	
Section: (01	oi	f 4	From: TO)2MA			To: T13M	[A-02	La	ast Const.:	6/1/2002
Surface:	AC	Family:	2022_Centr way_AC/A	ral_Cat4/5_Taxi AC	Zone:	S33		Category:	L	R	ank: S	
Area:		3,823 SqFt	Lengt	h:	110 Ft	Wid	th:	25 Ft				
Slabs:		Slab Len	gth:	Ft	Slab V	Vidth:		Ft	Join	t Length:	F	t
Shoulder:		Street Ty	ype:		Grade	: 0			Lan	es: 0		
Section Con	nments:											
Work Date:	6/1/2002	W	ork Type: B	ase Course - Agg	regate		Code	e: BA-AG	·	Is Major M&I	R: False	
Work Date:	6/1/2002	W	ork Type: N	ew Construction	- AC		Code	: NC-AC	· · · · · · · · · · · · · · · · · · ·	Is Major M&I	R: True	
Work Date:	9/1/2012	W	ork Type: C	rack Sealing - A			Code	e: CS-AC		Is Major M&I	R: False	
Work Date:	9/1/2015	W	ork Type: C	rack Sealing - A			Code	e: CS-AC		Is Major M&I	R: False	
Last Insp. D	Date: 3/1/2	2022	Tot	alSamples: 1		S	urveyed:	1				
Conditions:	PCI:	66										
Inspection (Comments:											
Sample Nur	nber: 01	Тур	oe: R	Arc	ea:	3773.00 S	qFt	PCI:	66			
Sample Cor	nments:	Created by Ins		dule								
48 L&	T CR		L	134.00 F	't							
57 WEA	ATHERING		L	3773.00 S	qFt							
48 L &			M	20.00 F								
48 L&			M	106.00 F								
48 L&	T CR		L	10.00 F	t							
	CHING		L	40.00 S								

Network:	Madras				Name:	Mad	ras Municij	oal					
Branch:	T13MA		Name:	Taxiwa	y 13 Madra	S	Use:	TAXIV	VAY	Area:	19,276	SqFt	
Section: ()2	0	of 4 I	From: T	13MA-01			To:	T13MA	-03	Last	Const.:	6/1/2002
Surface: A	APC	Family:	2022_Central_ Uses_APC	Cat4/5_All	Zone:	S33		Cat	egory: L		Ran	k: S	
Area:		2,250 SqFt	Length:		90 Ft		Width:		25 Ft				
Slabs:		Slab Ler	ngth:	Ft	Slal	Width:		Ft		Joint 1	Length:	Ft	
Shoulder:		Street T	ype:		Gra	ide: 0				Lanes	: 0		
Section Con	nments:												
Work Date:	6/1/2002	W	ork Type: Over	lay - AC Thi	n		(Code: OI	L-AT	Is	Major M&R:	True	
Work Date:	6/1/2002	W	ork Type: Coat	- Tack			(Code: CO	D-TA	Is	Major M&R:	False	
Work Date:	9/1/2012	W	ork Type: Cracl	k Sealing - A	.C		(Code: CS	S-AC	Is	Major M&R:	False	
Work Date:	9/1/2015	W	ork Type: Cracl	k Sealing - A	.C		(Code: CS	S-AC	Is	Major M&R:	False	
Last Insp. D	Date: 3/1/2	2022	TotalS	amples: 1			Survey	ed: 1					
Conditions:	PCI:	61											
nspection (Comments:												
Sample Nun	nber: 01	Ty	pe: R	Aı	·ea:	2250	.00 SqFt		PCI: 6	1			
Sample Con	nments:		spection Schedule	:			•						
57 WEA	ATHERING		L	2250.00	SqFt								
18 L&	T CR		L	207.00	-								
18 L&	T CR		M	12.00	Ft								
18 L&'	T CR		L	141.00	Ft								

	Madras					Namo	e: Ma	dras Munici	pal						
Branch:	T13MA		I	Name:	Taxi	way 13 Ma	ıdras	Use:	TA	XIWAY	Ar	ea:	Ī	19,276 SqF	į
Section:	03	C	of 4		From:	T13MA-	02			To: T13	MA-04			Last Con	st.: 6/2/200
Surface:	AC	Family:		_Central _AC/AA	_Cat4/5_Ta C	axi Zone	: S33			Category:	L			Rank: S	
Area:		8,122 SqFt		Length:	:	325 Ft		Width:		25 F	`t				
Slabs:		Slab Le	ngth:		F	i i	Slab Width:			Ft		Joint L	ength:		Ft
Shoulder:		Street T	ype:				Grade: 0					Lanes:	0		
Section Co	omments:														
Work Date	e: 6/1/2002	W	ork Ty	ype: Bas	e Course -	Aggregate		(Code:	BA-AG		Is N	Major N	1&R: Fals	e
Work Date	e: 6/2/2002	W	ork Ty	ype: Nev	w Construct	ion - AC			Code:	NC-AC		Is N	Major N	1&R: True	;
Work Date	e: 9/1/2012	W	ork Ty	y pe: Cra	ck Sealing	- AC			Code:	CS-AC		Is N	Major N	1&R: Fals	e
Work Date	e: 9/1/2015	· ·	7 al. T-		1 0 1				C 1	CS-AC		T. 3		# 0 D. E-1-	
	. , , 1, 2010	**	ork 13	y pe: Cra	ck Sealing	- AC		(Code:	CS-AC		18 1	Major N	1&R: Fals	e e
Last Insp.	Date: 3/1/2		ork 1y		Samples:	2		Survey				18 1	Vlajor N	iak: rais	
_	Date: 3/1/2	2022	ork 1y									18 1	viajor N	T&K Fais	
Conditions	Date: 3/1/2	2022 71	ork 1y									15 F	viajor N	Tek: Fais	
Conditions Inspection	Date: 3/1/2 s: PCI:	2022 71	pe:				496				69	15 1	viajor N	Text: rais	
Conditions Inspection Sample Nu	Date: 3/1//s: PCI: Comments:	2022 71	pe:	Total:	Samples:	2	496	Survey		:	69	IS P	Major N	ACK: Fais	
Conditions Inspection Sample Nu Sample Co	Date: 3/1//s: PCI: Comments:	2022 71 :	pe:	R n Schedu	Samples:	2 Area:	496	Survey		:	69	IS P	Major M	ACK: Fais	
Conditions Inspection Sample Nu Sample Co	Date: 3/1/2 s: PCI: Comments: umber: 01	2022 71 Ty Created by Ins	pe:	R R n Schedu	Samples:	Area:	496	Survey		:	69	IS P	Major M	ACK: Fais	
Conditions Inspection Sample Nu Sample Co 48 L & 57 WE 48 L &	Date: 3/1/2 s: PCI: Comments: umber: 01 omments: a T CR EATHERING	2022 71 Ty Created by Ins	pe: spection L	Total: R 1 Schedu	Samples: le 35.00 4960.00 35.00	2 Area:) Ft) SqFt) Ft	496	Survey		:	69	18 P	Major M	ACK: Fais	
Conditions Inspection Sample Nu Sample Co 48 L & 57 WE 48 L &	Date: 3/1/2 s: PCI: Comments: Imber: 01 Domments:	2022 71 Ty Created by Ins	pe: Spection L L M L	Total: R 1	Samples: le 35.00 4960.00 35.00 38.00	2 Area:) Ft) SqFt) Ft) SqFt	496	Survey		:	69	18 1	Major M	ion: rais	
Conditions Inspection Sample Nu Sample Co 48 L & 57 WE 48 L & 50 PA	Date: 3/1/2 s: PCI: Comments: umber: 01 omments: a T CR EATHERING	2022 71 Ty Created by Ins	pe: spection L L	Total: R 1	Samples: le 35.00 4960.00 35.00	2 Area:) Ft) SqFt) Ft) SqFt	496	Survey		:	69	18 P	Major M	ion: rais	
Conditions Inspection Sample Nu Sample Co 48 L & 57 WE 48 L & 50 PA 48 L &	Date: 3/1/2 s: PCI: Comments: Imber: 01 Domments: T CR EATHERING T CR TCHING	2022 71 Ty Created by Ins	pe: Spection L L M L	Total: R 1	Samples: le 35.00 4960.00 35.00 38.00	2 Area:) Ft) SqFt) Ft) SqFt		Survey		:		IS P	Major M	ion: rais	
Conditions Inspection Sample Nu Sample Co 48 L & 57 WE 48 L & 50 PA 48 L & Sample Nu	Date: 3/1/2 s: PCI: Comments: Imber: 01 Domments: EATHERING EATHERING ET CR TCHING ET CR ITCHING ET CR Imber: 02	2022 71 Ty Created by Ins	pe: L L M L M	R a Schedu	Samples: le 35.00 4960.00 35.00 38.00 125.00	2 Area:) Ft) SqFt) Ft) SqFt) Ft		Survey		PCI:		18 P	Major M	ion: rais	
Conditions Inspection Sample Nu Sample Co 48 L & 57 WE 48 L & 50 PA 48 L & Sample Nu Sample Co	Date: 3/1/2 s: PCI: Comments: Imber: 01 Domments: EATHERING EATHERING ET CR TCHING ET CR ITCHING ET CR Imber: 02	2022 71 Ty Created by Ins	pe: L L M L M	R Schedu	Samples: le 35.00 4960.00 35.00 38.00 125.00	Area: O Ft O SqFt O Ft O SqFt O Ft O Area:		Survey		PCI:		18 P	Major M	ion: rais	
Conditions Inspection Sample Nu Sample Co 48 L & 57 WE 48 L & 50 PA 48 L & Sample Nu Sample Co 48 L &	Date: 3/1/2 s: PCI: Comments: umber: 01 omments: & T CR EATHERING & T CR TCHING & T CR umber: 02 omments:	2022 71 Ty Created by Ins	pe: L L M L M pe:	R n Schedu R n Schedu	Samples: le 35.00 4960.00 35.00 125.00	2 Area:) Ft) SqFt) Ft) SqFt) Ft Area:		Survey		PCI:		18 P	Major M	ion: rais	
Conditions Inspection Sample Nu Sample Co 48 L & 57 WE 48 L & 50 PA 48 L & Sample Nu Sample Co 48 L & 48 L & 48 L &	Date: 3/1/2 s: PCI: Comments: umber: 01 omments: & T CR EATHERING & T CR TCHING & T CR umber: 02 omments:	2022 71 Ty Created by Ins	pe: L L M L M pe:	R n Schedu R n Schedu	Samples: le 35.00 4960.00 35.00 125.00 le 25.00 50.00	2 Area:) Ft) SqFt) Ft) SqFt) Ft Area:		Survey		PCI:		18 P	Major M	ion: rais	

Network:	Madras			N:	ame: Ma	dras Municipa	1			
Branch:	T14MA		Name:	Taxiway 14		Use:	TAXIWAY	Area:	10,702	2 SqFt
Section:	01	of	1	From: T02			To: A01		Las	t Const.: 9/3/2011
Surface:	AC	Family:	2022_Central way_AC/AA	_Cat4/5_Taxi Z o C	one: S33		Category: L		Rai	nk: P
Area:	10,	702 SqFt	Length	: 253	Ft	Width:	40 Ft			
Slabs:		Slab Leng	gth:	Ft	Slab Width:		Ft	Joint l	Length:	Ft
Shoulder:		Street Typ	pe:		Grade: 0			Lanes	: 0	
Section Co	mments:									
Work Date	e: 9/1/2011	Wo	rk Type: Sub	base - Aggregate		Co	ode: SB-AG	Is	Major M&R:	False
Work Date	e: 9/2/2011	Wo	rk Type: Bas	e Course - Aggreg	ate	Co	ode: BA-AG	Is	Major M&R:	False
Work Date	e: 9/3/2011	Wo	rk Type: Nev	w Construction - A	.C	Co	ode: NC-AC	Is	Major M&R:	True
Conditions			Total	Samples: 2		Surveye	d: 2			
Sample Nu	Comments:	Туре	e: R	Area:	557	3.00 SqFt	PCI:	90		
Sample Co		Created by Insp			337	3.00 Sqr t	101.			
	T CR ATHERING		L L	16.00 Ft 5573.00 SqF	t.					
Sample Nu	mber: 02	Туре	e: R	Area:	512	8.00 SqFt	PCI:	90		
Sample Co	mments:	Created by Insp	ection Schedu	le						
48 L &	ATHERING T CR ATHERING		M L L	28.00 SqFt 2.00 Ft 5100.00 SqF						

Network:	Madras				Name:	Madras Munic	cipal			
Branch:	T15MA		Name:	Taxiway	15 Madras	Use	: TAX	IWAY	Area:	4,815 SqFt
Section: 0	1	o	f 1	From: To	02		Т	To: A01		Last Const.: 9/3/2011
Surface: A	AC .	Family:	2022_Central way_AC/AA	_Cat4/5_Taxi C	Zone: S3	33	C	Category: L		Rank: P
Area:		4,815 SqFt	Length	:	73 Ft	Width:		50 Ft		
Slabs:		Slab Ler	ngth:	Ft	Slab Wi	dth:	F	't	Joint Ler	ngth: Ft
Shoulder:		Street T	ype:		Grade:	0			Lanes:	0
Section Com	ments:									
Work Date:	9/1/2011	W	ork Type: Sub	base - Aggrega	ate		Code:	SB-AG	Is Ma	ajor M&R: False
Work Date:	9/2/2011	W	ork Type: Bas	e Course - Agg	gregate		Code:	BA-AG	Is Ma	ajor M&R: False
Work Date:	9/3/2011	W	ork Type: Ne	w Construction	- AC		Code:	NC-AC	Is Ma	ajor M&R: True
Last Insp. Da	ate: 3/1/2	2022	Total	Samples: 1		Surve	eyed: 1			
Conditions:	PCI:	83								
Inspection C	Comments:									
Sample Num	nber: 01	Tyj	pe: R	Ar	ea:	4815.00 SqFt		PCI: 83	3	
Sample Com	ments:	Created by Ins	spection Schedu	le						

M 20.00 Ft
L 4815.00 SqFt
L 33.00 Ft

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L & T CR 57 WEATHERING 48 L & T CR

Network: Madras Name: Madras Municipal 4,463 SqFt Branch: T16MA Taxiway 16 Madras Use: TAXIWAY Name: Area: 01 of 1 Section: From: T02 **To:** A01 Last Const.: 9/3/2011 ACFamily: 2022_Central_Cat4/5_Taxi Zone: S33 Rank: P Surface: Category: L way AC/AAC 73 Ft 4,463 SqFt Length: Width: 50 Ft Area: Slabs: Slab Length: Ft Slab Width: Ft Joint Length: Ft **Street Type:** 0 Shoulder: Grade: Lanes: **Section Comments:** Work Date: 9/1/2011 Work Type: Subbase - Aggregate Code: SB-AG Is Major M&R: False Work Date: 9/2/2011 Work Type: Base Course - Aggregate Code: BA-AG Is Major M&R: False Work Date: 9/3/2011 Work Type: New Construction - AC Code: NC-AC Is Major M&R: True **Last Insp. Date:** 3/1/2022 TotalSamples: 1 Surveyed: 1 **Conditions:** PCI: **Inspection Comments:** R **PCI**: 81 Type: 4463.00 SqFt Area:

Sample Number: 01

Sample Comments: Created by Inspection Schedule

48 L & T CR M 76.00 Ft 57 WEATHERING L 4463.00 SqFt Network: Madras Madras Municipal Name: **Branch:** T17MA Taxiway 17 Madras Use: TAXIWAY 34,085 SqFt Name: Area: Section: 01 of 2 From: R16MA-01 **To:** T17MA-02 Last Const.: 7/1/2020 Surface: ACFamily: 2022_Central_Cat4/5_Taxi Zone: Category: Rank: P way AC/AAC Width: 45 Ft 10,265 SqFt Length: 160 Ft Area: Ft Slabs: Slab Length: Slab Width: Ft Joint Length: Ft Shoulder: **Street Type:** Grade: 0 Lanes: 0 **Section Comments:** Work Date: 7/1/2020 Work Type: New Construction - Initial Code: NU-IN Is Major M&R: True **TotalSamples:** 2 **Last Insp. Date:** 3/1/2022 Surveyed: 2 **Conditions:** PCI: **Inspection Comments:** Sample Number: 01 Type: R Area: 5027.00 SqFt **PCI:** 94 **Sample Comments:** WEATHERING L 5027.00 SqFt PCI: 94 Sample Number: 02 Type: R Area: 5238.00 SqFt **Sample Comments:**

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WEATHERING

L

5238.00 SqFt

Network: Madras		Name:	Madras Municipa	1		
Branch: T17MA	Name:	Taxiway 17 Madras	Use:	TAXIWAY	Area:	34,085 SqFt
Section: 02	of 2	From: T17MA-01		To: T02MA-03	3	Last Const.: 7/1/2020
Surface: AC	Family: 2022_Central_way_AC/AAC	Cat4/5_Taxi Zone:		Category:		Rank: P
Area: 23,82	20 SqFt Length:	460 Ft	Width:	35 Ft		
Slabs:	Slab Length:	Ft Slab V	Vidth:	Ft	Joint Length:	Ft
Shoulder:	Street Type:	Grade	: 0		Lanes: 0	
Section Comments:						
Work Date: 7/1/2020	Work Type: New	Construction - Initial	Co	ode: NU-IN	Is Major	M&R: True
Last Insp. Date: 3/1/2022	TotalS	amples: 6	Surveye	d: 3		
Conditions: PCI: 94						
Inspection Comments:						
Sample Number: 01	Type: R	Area:	4219.00 SqFt	PCI: 94		
Sample Comments:						
57 WEATHERING	L	4219.00 SqFt				
Sample Number: 03	Type: R	Area:	3613.00 SqFt	PCI: 94		
Sample Comments:						
57 WEATHERING	L	3613.00 SqFt				
Sample Number: 06	Type: R	Area:	3783.00 SqFt	PCI: 94		
Sample Comments:						

L 3783.00 SqFt

WEATHERING

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APPENDIX F

Work History Report

Page 1 of 13

Pavement Database: ODA_WOC3_10-05-2022_PostDetCurves

Network:	Madras M	unicipal Branch: A01M	A Apron	01 Madras	Section:	01 Surface:AC
L.C.D. 8/1/19	990 Us	se: APRON Rank: P	Length: 560	.00 (Ft) Wid	dth: 160.0	0 (Ft) True Area: 76461 (SqFt
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/2/2008	PA-AD	Patching - AC Deep	0.00	0.00		PMP 2008
9/1/2008	CS-AC	Crack Sealing - AC	0.00	0.10		PMP 2008
6/1/2001	CS-AC	Crack Sealing - AC	0.00	0.10		Oregon DOA 2001 Maint. Program
9/1/2000	CS-AC	Crack Sealing - AC	0.00	0.10		
9/1/1997	CS-AC	Crack Sealing - AC	0.00	0.10		circa 1997
8/1/1990	NC-AC	New Construction - AC	0.00	2.00		
8/3/1943	BA-AG	Base Course - Aggregate	0.00	3.00	~	
8/2/1943	BA-AG	Base Course - Aggregate	0.00	4.00		
8/1/1943	SB-AG	Subbase - Aggregate	0.00	10.00		
Network:	Madras M	unicipal Branch: A01M	A Apron	01 Madras	Section:	02 Surface:PCC
L.C.D. 9/4/19	943 Us	se: APRON Rank: P	ength: 90	.00 (Ft) Wid	dth: 80.0	0 (Ft) True Area: 7200.000180 (SqFt
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/4/1943	NC-PC	New Construction - PCC	0.00	0.00	V	unk. thickness
9/3/1943	SB-AG	Subbase - Aggregate	0.00	3.00	~	
9/2/1943	SB-AG	Subbase - Aggregate	0.00	4.00		
9/1/1943	SB-AG	Subbase - Aggregate	0.00	10.00		
Network:	Madras M	unicipal Branch: A01M	A Apron	01 Madras	Section:	03 Surface:PCC
TICEWOIK.	madras m	umerpar Branch . Activi	ripron	01 Madras	Section.	5 3.1
L.C.D. 9/4/19		_	1	.00 (Ft) Wi		0 (Ft) True Area: 9986.000241 (SqFt
		_	1			
L.C.D. 9/4/19	943 Us Work	se: APRON Rank: P	Length: 120	.00 (Ft) Wid	dth: 80.0	0 (Ft) True Area: 9986.000241 (SqFt
L.C.D. 9/4/19 Work Date	943 Us Work Code	se: APRON Rank: P I Work Description	Length: 120	.00 (Ft) Wid Thickness (in)	dth: 80.0 Major M&R	0 (Ft) True Area: 9986.000241 (SqFt Comments
L.C.D. 9/4/19 Work Date 9/4/1943	943 Us Work Code NC-PC	Work Description New Construction - PCC	Cost 0.00	Thickness (in)	Major M&R	0 (Ft) True Area: 9986.000241 (SqFt Comments
Work Date 9/4/1943 9/3/1943	Work Code NC-PC SB-AG	Work Description New Construction - PCC Subbase - Aggregate	Cost 0.00 0.00	7.00 (Ft) Wid Thickness (in) 0.00 3.00	Major M&R	0 (Ft) True Area: 9986.000241 (SqFt Comments
Work Date 9/4/1943 9/3/1943 9/2/1943	Work Code NC-PC SB-AG SB-AG	Work Description New Construction - PCC Subbase - Aggregate Subbase - Aggregate	Cost 0.00 0.00 0.00	0.00 (Ft) Wid Thickness (in) 0.00 3.00 4.00	Major M&R	0 (Ft) True Area: 9986.000241 (SqFt Comments
Work Date 9/4/1943 9/3/1943 9/2/1943	Work Code NC-PC SB-AG SB-AG SB-AG	Work Description New Construction - PCC Subbase - Aggregate Subbase - Aggregate Subbase - Aggregate	Cost 0.00 0.00 0.00 0.00	0.00 (Ft) Wid Thickness (in) 0.00 3.00 4.00	Major M&R	0 (Ft) True Area: 9986.000241 (SqFt Comments unk. thickness
Work Date 9/4/1943 9/3/1943 9/2/1943 9/1/1943	Work Code NC-PC SB-AG SB-AG SB-AG	Work Description New Construction - PCC Subbase - Aggregate Subbase - Aggregate Subbase - Aggregate Subbase - Aggregate Subbase - Baggregate Subbase - Aggregate Subbase - Aggregate	Cost 0.00 0.00 0.00 0.00 0.00 A Apron Length: 120	0.00 (Ft) Wide Thickness (in) 0.00 3.00 4.00 10.00 01 Madras .00 (Ft) Wide	Major M&R W Section:	0 (Ft) True Area: 9986.000241 (SqFt Comments unk. thickness
Work Date 9/4/1943 9/3/1943 9/2/1943 9/1/1943 Network:	Work Code NC-PC SB-AG SB-AG SB-AG	Work Description New Construction - PCC Subbase - Aggregate Subbase - Aggregate Subbase - Aggregate Subbase - Aggregate Subbase - Baggregate Subbase - Aggregate Subbase - Aggregate	Cost 0.00 0.00 0.00 0.00 0.00 A Apron Length: 120	1.00 (Ft) Wid Thickness (in) 0.00 3.00 4.00 10.00	Major M&R	0 (Ft) True Area: 9986.000241 (SqFt Comments unk. thickness 04 Surface:PCC
Work Date 9/4/1943 9/3/1943 9/2/1943 9/1/1943 Network: L.C.D. 9/4/19	Work Code NC-PC SB-AG SB-AG SB-AG Wadras M 943 Us Work	Work Description New Construction - PCC Subbase - Aggregate Subbase - Aggregate Subbase - Aggregate Subbase - Aggregate	Cost 0.00 0.00 0.00 0.00 0.00 A Apronength: 120	0.00 (Ft) Wide Thickness (in)	Major M&R W Section: dth: 80.0	O (Ft) True Area: 9986.000241 (SqFt Comments unk. thickness 04 Surface:PCC 0 (Ft) True Area: 9986.000241 (SqFt
Work Date 9/4/1943 9/3/1943 9/2/1943 9/1/1943 Network: L.C.D. 9/4/19 Work Date	Work Code NC-PC SB-AG SB-AG SB-AG Wadras M 943 Us Work Code	Work Description New Construction - PCC Subbase - Aggregate Subbase - Aggregate Work Description	Cost 0.00 0.00 0.00 0.00 0.00 A Apron ength: 120 Cost	0.00 (Ft) Wideline (Inc.) Thickness (in) 0.00 3.00 4.00 10.00 01 Madras 00 (Ft) Wideline (Inc.)	Major M&R W Section: dth: 80.0	O (Ft) True Area: 9986.000241 (SqFt Comments unk. thickness 04 Surface:PCC 0 (Ft) True Area: 9986.000241 (SqFt Comments
Work Date 9/4/1943 9/3/1943 9/2/1943 9/1/1943 Network: L.C.D. 9/4/19 Work Date 9/4/1943	Work Code NC-PC SB-AG SB-AG SB-AG Wadras M 943 Work Code NC-PC	Work Description New Construction - PCC Subbase - Aggregate Subbase - Aggregate Work Description New Construction - PCC	Cost 0.00 0.00 0.00 0.00 A Apron ength: 120 Cost 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	0.00 (Ft) Wide Thickness (in) 0.00 3.00 4.00 10.00 01 Madras 0.00 (Ft) Wide Thickness (in) 0.00	Major M&R W Section: dth: 80.0 Major M&R V	O (Ft) True Area: 9986.000241 (SqFt Comments unk. thickness 04 Surface:PCC 0 (Ft) True Area: 9986.000241 (SqFt Comments
Work Date 9/4/1943 9/3/1943 9/2/1943 9/1/1943 Network: L.C.D. 9/4/19 Work Date 9/4/1943 9/3/1943	Work Code NC-PC SB-AG SB-AG SB-AG Work Code NC-PC SB-AG	Work Description New Construction - PCC Subbase - Aggregate Subbase - Aggregate Subbase - Aggregate Subbase - Aggregate Subbase - Aggregate Work Description New Construction - PCC Subbase - Aggregate	Cost 0.00 0.00 0.00 0.00 0.00 A Apron ength: 120 Cost 0.00 0.00	0.00 (Ft) Wide Thickness (in) 0.00 3.00 4.00 10.00 01 Madras 0.00 (Ft) Wide Thickness (in) 0.00 3.00	Major M&R W Section: ath: 80.0 Major M&R V V V V V V V V V V V V V V V V V V	O (Ft) True Area: 9986.000241 (SqFt Comments unk. thickness 04 Surface:PCC 0 (Ft) True Area: 9986.000241 (SqFt Comments
Work Date 9/4/1943 9/3/1943 9/2/1943 9/1/1943 Network: L.C.D. 9/4/19 Work Date 9/4/1943 9/3/1943 9/2/1943	Work Code NC-PC SB-AG SB-AG SB-AG Work Code NC-PC SB-AG	Work Description New Construction - PCC Subbase - Aggregate Subbase - Aggregate Subbase - Aggregate Subbase - Aggregate Subbase - Aggregate Work Description New Construction - PCC Subbase - Aggregate Subbase - Aggregate	Cost 0.00 0.00 0.00 0.00 0.00 A Apron ength: 120 Cost 0.00 0.00 0.00 0.00	1.00 (Ft) Wide Thickness (in) 0.00 3.00 4.00 10.00 10.00 10.00 Thickness (in) 0.00 3.00 4.00 4.00	Major M&R W Section: alth: 80.0 Major M&R V V V V V V V V V V V V V V V V V V	O (Ft) True Area: 9986.000241 (SqFt Comments unk. thickness 04 Surface:PCC 0 (Ft) True Area: 9986.000241 (SqFt Comments
Work Date 9/4/1943 9/3/1943 9/2/1943 9/1/1943 Network: L.C.D. 9/4/19 Work Date 9/4/1943 9/3/1943 9/2/1943	Work Code NC-PC SB-AG SB-AG SB-AG Work Code NC-PC SB-AG SB-AG	Work Description New Construction - PCC Subbase - Aggregate Subbase - Aggregate Subbase - Aggregate Subbase - Aggregate Subbase - Aggregate Work Description New Construction - PCC Subbase - Aggregate	Cost 0.00 0.00 0.00 0.00 0.00 A Apron ength: 120 Cost 0.00 0.00 0.00 0.00 0.00	1.00 (Ft) Wide Thickness (in) 0.00 3.00 4.00 10.00 10.00 10.00 Thickness (in) 0.00 3.00 4.00 4.00	Major M&R W Section: alth: 80.0 Major M&R V V V V V V V V V V V V V V V V V V	Comments unk. thickness 04 Surface:PCC 0 (Ft) True Area: 9986.000241 (SqFt Comments unk. thickness
Work Date 9/4/1943 9/3/1943 9/2/1943 9/1/1943 Network: L.C.D. 9/4/19 Work Date 9/4/1943 9/3/1943 9/2/1943 9/1/1943	Work Code NC-PC SB-AG SB-AG SB-AG Work Code NC-PC SB-AG SB-AG	Work Description New Construction - PCC Subbase - Aggregate Subbase - Aggregate Subbase - Aggregate Subbase - Aggregate Subbase - Aggregate Work Description New Construction - PCC Subbase - Aggregate	Cost 0.00 0.00 0.00 0.00 0.00 A Apron cength: 120 Cost 0.00 0.00 0.00 0.00 0.00 A Apron	0.00 (Ft) Wide Thickness (in) 0.00 3.00 4.00 10.00 10.00 Thickness (in) 0.00 3.00 4.00 10.00 10.00	Section:	Comments unk. thickness 04 Surface:PCC 0 (Ft) True Area: 9986.000241 (SqFt Comments unk. thickness
Work Date 9/4/1943 9/3/1943 9/2/1943 9/1/1943 Network: L.C.D. 9/4/1943 9/3/1943 9/2/1943 9/1/1943 Network: Network:	Work Code NC-PC SB-AG SB-AG SB-AG Work Code NC-PC SB-AG SB-AG	Work Description New Construction - PCC Subbase - Aggregate Subbase - Aggregate Subbase - Aggregate Subbase - Aggregate Subbase - Aggregate Work Description New Construction - PCC Subbase - Aggregate	Cost 0.00 0.00 0.00 0.00 0.00 A Apron cength: 120 Cost 0.00 0.00 0.00 0.00 0.00 A Apron	1.00 (Ft) Wide Thickness (in) 0.00 3.00 4.00 10.	Section:	Comments unk. thickness 04 Surface:PCC 0 (Ft) True Area: 9986.000241 (SqFt Comments unk. thickness
L.C.D. 9/4/19 Work Date 9/4/1943 9/3/1943 9/1/1943 Network: L.C.D. 9/4/19 Work Date 9/4/1943 9/3/1943 9/2/1943 9/1/1943 Network: L.C.D. 9/2/20	Work Code NC-PC SB-AG SB-AG SB-AG Work Code NC-PC SB-AG SB-AG Madras M 1011 Us Work	Work Description New Construction - PCC Subbase - Aggregate Subbase - Aggregate Subbase - Aggregate Subbase - Aggregate Subbase - Aggregate Work Description New Construction - PCC Subbase - Aggregate	Cost 0.00 0.00 0.00 0.00 0.00 A Apron ength: 120 Cost 0.00 0.00 0.00 0.00 0.00 0.00 A Apron ength: 90	0.00 (Ft) Wide Thickness (in)	Section: Section: Major M&R Section: Major M&R Section: Major M&R Major M&R Major M&R Major M&R Major M&R Major M&R	Comments unk. thickness 04 Surface:PCC 0 (Ft) True Area: 9986.000241 (SqFt Comments unk. thickness 05 Surface:PCC 0 (Ft) True Area: 3600.000001 (SqFt
L.C.D. 9/4/19 Work Date 9/4/1943 9/3/1943 9/2/1943 9/1/1943 Network: L.C.D. 9/4/19 Work Date 9/4/1943 9/2/1943 9/2/1943 9/1/1943 Network: L.C.D. 9/2/20 Work Date	Work Code NC-PC SB-AG SB-AG SB-AG Work Code NC-PC SB-AG SB-AG NC-PC SB-AG SB-AG SB-AG Work Code NC-PC SB-AG SB-AG SB-AG SB-AG	Work Description New Construction - PCC Subbase - Aggregate Subbase - Aggregate Subbase - Aggregate Subbase - Aggregate Subbase - Aggregate Work Description New Construction - PCC Subbase - Aggregate	Cost Cost 0.00 0.00 0.00 0.00 0.00 A Apron ength: 120 Cost 0.00 0.00 0.00 0.00 0.00 0.00 Cost Cost Cost	1.00 (Ft) Wide Thickness (in)	Section: dth: 80.0 Major M&R Section: dth: 80.0 Major M&R Section: dth: 40.0 Major M&R	Comments

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Pavement Database: ODA_WOC3_10-05-2022_PostDetCurves

Network:	Madras M	unicipal	Branch: A0	1M.	A Apron	01 Madras	Section:	06	S	Surface:AC
L.C.D. 9/2/20	011 Us	se: APRON	Rank: P	L	ength: 319	.00 (Ft) Wi	dth: 172.5	0 (Ft)	True Area:	48610 (SqFt
Work Date	Work Code	Work 1	Description		Cost	Thickness (in)	Major M&R		Comme	ents
9/2/2011	NC-AC	New Construc	ction - AC		0.00	2.00	V	P401		
9/2/2011	BA-AG	Base Course -	Aggregate		0.00	5.00		P209		
9/1/2011	SB-AG	Subbase - Agg	gregate		0.00	10.50		P209		
Network:	Madras M	unicipal	Branch: A0	1M <i>A</i>	A Apron	01 Madras	Section:	07	s	Surface:AC
L.C.D. 9/3/20	011 Us	se: APRON	Rank: P	L	ength: 405	.00 (Ft) Wi	dth: 153.0	0 (Ft)	True Area:	54712 (SqFt
Work Date	Work Code	Work 1	Description		Cost	Thickness (in)	Major M&R		Comme	ents
9/3/2011	NC-AC	New Construc	ction - AC		0.00	2.00	V	P401		
9/2/2011	BA-AG	Base Course -	Aggregate		0.00	5.00		P209		
9/1/2011	SB-AG	Subbase - Agg	gregate		0.00	10.50		P209		
	·									
Network:	Madras M	unicipal	Branch: A0)1M <i>A</i>	A Apron	01 Madras	Section:	08	S	Surface:PCC
L.C.D. 9/4/19	943 Us	se: APRON	Rank: P	L	ength: 90	.00 (Ft) Wi	dth: 80.0	0 (Ft)	True Area: 72	200.000002 (SqFt
Work Date	Work Code	Work 1	Description		Cost	Thickness (in)	Major M&R		Comme	ents
9/4/1943	NC-PC	New Construc	ction - PCC		0.00	0.00	V	unk. tl	hickness	
9/3/1943	SB-AG	Subbase - Agg	gregate		0.00	3.00	~ :			
9/2/1943	SB-AG	Subbase - Agg	gregate		0.00	4.00	~			
9/1/1943	SB-AG	Subbase - Agg	gregate		0.00	10.00	V :			
		5400450 1158	5 6		0.00					
,,,,,,,		Successo 1150	5 5		0.00					
Network:			Branch: A0)2M <i>A</i>		02 Madras	Section:	01	S	Surface:PCC
	Madras M				A Apron	02 Madras .00 (Ft) W i	Section:			Surface:PCC 200.000002 (SqFt
Network:	Madras M	unicipal se: APRON	Branch: A0		A Apron	02 Madras	Section:			200.000002 (SqFt
Network: L.C.D. 9/1/19	Madras M 943 Us Work	unicipal se: APRON	Branch: A0 Rank: P Description		A Apron	02 Madras .00 (Ft) Wi	Section: dth: 80.0	0 (Ft)	True Area: 72	200.000002 (SqFt
Network: L.C.D. 9/1/19 Work Date 9/1/1943	Madras Mi 943 Us Work Code NC-PC	unicipal se: APRON Work New Construct	Branch: A0 Rank: P Description		A Apron ength: 90 Cost 0.00	02 Madras .00 (Ft) Wi Thickness (in) 0.00	Section: dth: 80.0 Major M&R	0 (Ft)	True Area: 72	200.000002 (SqFt
Network: L.C.D. 9/1/19 Work Date	Madras Mi 943 Us Work Code NC-PC	unicipal se: APRON Work New Construct	Branch: A0 Rank: P Description	L	A Apron ength: 90 Cost 0.00	02 Madras .00 (Ft) Wi Thickness (in)	Section: dth: 80.0 Major M&R	0 (Ft) Unk. t	Comme	200.000002 (SqFt
Network: L.C.D. 9/1/19 Work Date 9/1/1943	Madras Mo 943 Us Work Code NC-PC	unicipal se: APRON Work New Construct	Branch: A0 Rank: P Description etion - PCC	L 03MA	A Apron ength: 90 Cost 0.00 A Apron	02 Madras .00 (Ft) Wi Thickness (in) 0.00	Section: dth: 80.0 Major M&R Section:	0 (Ft) Unk. t	True Area: 72 Comme hickness and LC	200.000002 (SqFt ents
Network: L.C.D. 9/1/19 Work Date 9/1/1943 Network: L.C.D. 9/2/20 Work Date	Madras Mo 943 Us Work Code NC-PC Madras Mo 011 Us Work Code	work Work New Construct unicipal se: APRON Work Work	Branch: A0 Rank: P Description etion - PCC Branch: A0 Rank: P Description	L 03MA	A Apron ength: 90 Cost 0.00 A Apron	02 Madras .00 (Ft) Wi Thickness (in) 0.00 03 Madras .00 (Ft) Wi Thickness (in)	Section: dth: 80.0 Major M&R Section: dth: 113.0 Major M&R	0 (Ft) Unk. t 01 0 (Ft)	True Area: 72 Comme hickness and LC	200.000002 (SqFt ents CD Curface:PCC 0065.00000 (SqFt
Network: L.C.D. 9/1/19 Work Date 9/1/1943 Network: L.C.D. 9/2/20 Work Date 9/2/2011	Madras Mo 943 Us Work Code NC-PC Madras Mo 011 Us Work Code NC-PC	winicipal se: APRON Work New Construct unicipal se: APRON Work New Construct	Branch: A0 Rank: P Description ction - PCC Branch: A0 Rank: P Description ction - PCC	L 03MA	A Apron ength: 90 Cost 0.00 A Apron ength: 150	02 Madras .00 (Ft) Wi Thickness (in) 0.00 03 Madras .00 (Ft) Wi Thickness (in) 10.00	Section: dth: 80.0 Major M&R Section: dth: 113.0 Major	0 (Ft) Unk. t 01 0 (Ft) P501	Comme hickness and Lo S True Area: 10	200.000002 (SqFt ents CD Curface:PCC 0065.00000 (SqFt
Network: L.C.D. 9/1/19 Work Date 9/1/1943 Network: L.C.D. 9/2/20 Work Date	Madras Mo 943 Us Work Code NC-PC Madras Mo 011 Us Work Code NC-PC	work Work New Construct unicipal se: APRON Work Work	Branch: A0 Rank: P Description ction - PCC Branch: A0 Rank: P Description ction - PCC	L 03MA	A Apron ength: 90 Cost 0.00 A Apron ength: 150 Cost	02 Madras .00 (Ft) Wi Thickness (in) 0.00 03 Madras .00 (Ft) Wi Thickness (in)	Section: dth: 80.0 Major M&R Section: dth: 113.0 Major M&R	0 (Ft) Unk. t 01 0 (Ft)	Comme hickness and Lo S True Area: 10	200.000002 (SqFt ents CD Curface:PCC 0065.00000 (SqFt
Network: L.C.D. 9/1/19 Work Date 9/1/1943 Network: L.C.D. 9/2/20 Work Date 9/2/2011 9/1/2011	Madras Mork Code NC-PC Madras Mo 011 Us Work Code NC-PC BA-AG	work Work New Construct unicipal se: APRON Work New Construct New Construct Base Course -	Branch: A0 Rank: P Description etion - PCC Branch: A0 Rank: P Description etion - PCC Aggregate	L D3MA L	A Apron cost 0.00 A Apron cngth: 150 Cost 0.00 0.00	02 Madras .00 (Ft) Wi Thickness (in) 0.00 03 Madras .00 (Ft) Wi Thickness (in) 10.00 6.00	Section: dth: 80.0 Major M&R Section: dth: 113.0 Major M&R	0 (Ft) Unk. t 01 0 (Ft) P501 P209	Comme hickness and LC S True Area: 10 Comme	200.000002 (SqFt ents CD Surface:PCC 0065.00000 (SqFt ents
Network: L.C.D. 9/1/19 Work Date 9/1/1943 Network: L.C.D. 9/2/20 Work Date 9/2/2011	Madras Mork Code NC-PC Madras Mo 011 Us Work Code NC-PC BA-AG	work Work New Construct unicipal se: APRON Work New Construct New Construct Base Course -	Branch: A0 Rank: P Description ction - PCC Branch: A0 Rank: P Description ction - PCC	L D3MA L	A Apron cost 0.00 A Apron cngth: 150 Cost 0.00 0.00	02 Madras .00 (Ft) Wi Thickness (in) 0.00 03 Madras .00 (Ft) Wi Thickness (in) 10.00	Section: dth: 80.0 Major M&R Section: dth: 113.0 Major M&R	0 (Ft) Unk. t 01 0 (Ft) P501 P209	Comme hickness and LC S True Area: 10 Comme	200.000002 (SqFt ents CD Curface:PCC 0065.00000 (SqFt
Network: L.C.D. 9/1/19 Work Date 9/1/1943 Network: L.C.D. 9/2/20 Work Date 9/2/2011 9/1/2011	Madras Mo 943 Us Work Code NC-PC Madras Mo 011 Us Work Code NC-PC BA-AG	work Work New Construct unicipal se: APRON Work New Construct New Construct Base Course -	Branch: A0 Rank: P Description etion - PCC Branch: A0 Rank: P Description etion - PCC Aggregate	L D3MA L	A Apron ength: 90 Cost 0.00 A Apron ength: 150 Cost 0.00 0.00 A Apron	02 Madras .00 (Ft) Wi Thickness (in) 0.00 03 Madras .00 (Ft) Wi Thickness (in) 10.00 6.00	Section: dth: 80.0 Major M&R Section: dth: 113.0 Major M&R Section:	0 (Ft) Unk. t 01 0 (Ft) P501 P209	Comme hickness and LC S True Area: 10 Comme	200.000002 (SqFt ents CD CO) Surface:PCC CO) 0065.00000 (SqFt ents C)
Network: L.C.D. 9/1/19 Work Date 9/1/1943 Network: L.C.D. 9/2/20 Work Date 9/2/2011 9/1/2011 Network:	Madras Mork Code NC-PC Madras Mork Code NC-PC Madras Mork Code NC-PC BA-AG Madras More More Madras More Madras More Madras More Madras More Madras More More More More More More More More	work Work New Construct work New Construct work New Construct New Construct Base Course - unicipal se: APRON	Branch: A0 Rank: P Description ction - PCC Branch: A0 Rank: P Description ction - PCC Aggregate Branch: A0	L D3MA L	A Apron ength: 90 Cost 0.00 A Apron ength: 150 Cost 0.00 0.00 A Apron	02 Madras .00 (Ft) Wi Thickness (in) 0.00 03 Madras .00 (Ft) Wi Thickness (in) 10.00 6.00	Section: dth: 80.0 Major M&R Section: dth: 113.0 Major M&R Section:	0 (Ft) Unk. t 01 0 (Ft) P501 P209	Comme hickness and LC S True Area: 10 Comme	200.000002 (SqFt ents CD Surface:PCC 0065.00000 (SqFt ents Surface:PCC 200.000002 (SqFt
Network: L.C.D. 9/1/19 Work Date 9/1/1943 Network: L.C.D. 9/2/20 Work Date 9/2/2011 9/1/2011 Network: L.C.D. 9/1/19	Madras Mork Code NC-PC Madras Mork Code NC-PC Madras Mork Code NC-PC BA-AG Madras More	work Work New Construct work New Construct work New Construct New Construct Base Course - unicipal se: APRON	Branch: A0 Rank: P Description ction - PCC Branch: A0 Rank: P Description ction - PCC Aggregate Branch: A0 Rank: P	L D3MA L	A Apron ength: 90 Cost 0.00 A Apron ength: 150 Cost 0.00 A Apron ength: 80	02 Madras .00 (Ft) Wi Thickness (in) 0.00 03 Madras .00 (Ft) Wi Thickness (in) 10.00 6.00 03 Madras .00 (Ft) Wi Thickness	Section: dth: 80.0 Major M&R Section: dth: 113.0 Major M&R Section: dth: 90.0 Major	0 (Ft) Unk. t 01 0 (Ft) P501 P209	Comme hickness and LC True Area: 10 Comme	200.000002 (SqFt ents CD Surface:PCC 0065.00000 (SqFt ents Surface:PCC 200.000002 (SqFt
Network: L.C.D. 9/1/19 Work Date 9/1/1943 Network: L.C.D. 9/2/20 Work Date 9/2/2011 9/1/2011 Network: L.C.D. 9/1/19 Work Date 9/1/1943	Madras Mo 943 Us Work Code NC-PC Madras Mo 011 Us Work Code NC-PC BA-AG Madras Mo 943 Us Work Code	work New Construct Work New Construct Work New Construct New Construct Base Course - unicipal se: APRON Work New Construct New Construct New Construct New Construct New Construct Work New Construct	Branch: A0 Rank: P Description Etion - PCC Branch: A0 Rank: P Description Etion - PCC Aggregate Branch: A0 Rank: P Description Etion - PCC Company of the policy of the	L D3MA L L	A Apron ength: 90 Cost 0.00 A Apron ength: 150 Cost 0.00 A Apron ength: 80 Cost 0.00	02 Madras .00 (Ft) Wi Thickness (in) 0.00 03 Madras .00 (Ft) Wi Thickness (in) 10.00 6.00 03 Madras .00 (Ft) Wi Thickness (in) 0.00	Section: dth: 80.0 Major M&R Section: dth: 113.0 Major M&R Section: dth: 90.0 Major M&R	0 (Ft) Unk. t 01 0 (Ft) P501 P209 02 0 (Ft)	Comme hickness and LC S True Area: 10 Comme	200.000002 (SqFt ents CD Surface:PCC 0065.00000 (SqFt ents Surface:PCC 200.000002 (SqFt ents
Network: L.C.D. 9/1/19 Work Date 9/1/1943 Network: L.C.D. 9/2/20 Work Date 9/2/2011 9/1/2011 Network: L.C.D. 9/1/19 Work Date	Madras Mo 943 Us Work Code NC-PC Madras Mo 011 Us Work Code NC-PC BA-AG Madras Mo 943 Us Work Code	work New Construct Work New Construct Work New Construct New Construct Base Course - unicipal se: APRON Work New Construct New Construct New Construct New Construct New Construct Work New Construct	Branch: A0 Rank: P Description ction - PCC Branch: A0 Rank: P Description ction - PCC Aggregate Branch: A0 Rank: P	L D3MA L L	A Apron ength: 90 Cost 0.00 A Apron ength: 150 Cost 0.00 A Apron ength: 80 Cost 0.00	02 Madras .00 (Ft) Wi Thickness (in) 0.00 03 Madras .00 (Ft) Wi Thickness (in) 10.00 6.00 03 Madras .00 (Ft) Wi Thickness (in)	Section: dth: 80.0 Major M&R Section: dth: 113.0 Major M&R Section: dth: 90.0 Major M&R Section:	0 (Ft) Unk. t 01 0 (Ft) P501 P209 02 0 (Ft)	Comme hickness and LC S True Area: 10 Comme	200.000002 (SqFt ents CD Surface:PCC 0065.00000 (SqFt ents Surface:PCC 200.000002 (SqFt
Network: L.C.D. 9/1/19 Work Date 9/1/1943 Network: L.C.D. 9/2/20 Work Date 9/2/2011 9/1/2011 Network: L.C.D. 9/1/19 Work Date 9/1/1943	Madras Mo 943 Us Work Code NC-PC Madras Mo 011 Us Work Code NC-PC BA-AG Madras Mo 943 Us Work Code NC-PC	work New Construct Work New Construct Work New Construct New Construct Base Course - unicipal se: APRON Work New Construct New Construct New Construct New Construct New Construct Work New Construct	Branch: A0 Rank: P Description Etion - PCC Branch: A0 Rank: P Description Etion - PCC Aggregate Branch: A0 Rank: P Description Etion - PCC Company of the policy of the	1 L 2 2 3 3 MA L 2 2 4 MA	A Apron ength: 90 Cost 0.00 A Apron ength: 150 Cost 0.00 A Apron ength: 80 Cost 0.00 A Apron A Apron ength: 80 A Apron	02 Madras .00 (Ft) Wi Thickness (in)	Section: dth: 80.0 Major M&R Section: dth: 113.0 Major M&R Section: dth: 90.0 Major M&R Section:	0 (Ft) Unk. t 01 0 (Ft) P501 P209 02 0 (Ft)	Comme hickness and LO S True Area: 10 Comme S True Area: 72 Comme	200.000002 (SqFt ents CD Surface:PCC 0065.00000 (SqFt ents Surface:PCC 200.000002 (SqFt ents
Network: L.C.D. 9/1/19 Work Date 9/1/1943 Network: L.C.D. 9/2/20 Work Date 9/2/2011 9/1/2011 Network: L.C.D. 9/1/19 Work Date 9/1/1943 Network:	Madras Mo 943 Us Work Code NC-PC Madras Mo 011 Us Work Code NC-PC BA-AG Madras Mo 943 Us Work Code NC-PC	work Work New Construct Work New Construct Work New Construct Base Course - unicipal se: APRON Work New Construct Base Course - unicipal se: APRON	Branch: A0 Rank: P Description etion - PCC Branch: A0 Rank: P Description etion - PCC Aggregate Branch: A0 Rank: P Description etion - PCC Branch: A0 Rank: P	1 L 2 2 3 3 MA L 2 2 4 MA	A Apron ength: 90 Cost 0.00 A Apron ength: 150 Cost 0.00 A Apron ength: 80 Cost 0.00 A Apron A Apron ength: 80 A Apron	02 Madras .00 (Ft) Wi Thickness (in)	Section: dth: 80.0 Major M&R Section: dth: 113.0 Major M&R Section: dth: 90.0 Major M&R Section:	0 (Ft) Unk. t 01 0 (Ft) P501 P209 02 0 (Ft) 01 0 (Ft)	Comme hickness and LO S True Area: 10 Comme S True Area: 72 Comme	200.000002 (SqFt ents CD Surface:PCC 200.500000 (SqFt ents Surface:PCC 200.000002 (SqFt ents Surface:PCC 200.000002 (SqFt ents

7/1/2020

NU-IN

New Construction - Initial

Work History Report

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Pavement Database: ODA_WOC3_10-05-2022_PostDetCurves

Network:	Madras Mı	unicipal Branch: A05MA	A Apron	05 Madras	Section:	01 Surface:PCC
L.C.D. 9/1/1		1	1			0 (Ft) True Area: 3808 (SqFt
	Work			Thickness	Major	
Work Date	Code	Work Description	Cost	(in)	M&R	Comments
9/1/1943	NC-PC	New Construction - PCC	0.00	0.00	V	Unk. thickness and LCD
				0636.1		
Network:		1	1	06 Madras	Section:	
L.C.D. 9/1/2		se: APRON Rank: P L	ength: 195			0 (Ft) True Area: 65066.00001 (SqFt
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2015	NC-AC	New Construction - AC	0.00	3.00	V	
8/31/2015	BA-AG	Base Course - Aggregate	0.00	0.00		Existing Base, thickness unknown
Network:	Madras M	unicipal Branch: A06MA	A Apron	06 Madras	Section:	02 Surface:PCC
L.C.D. 1/1/1	943 Us	se: APRON Rank: P L	ength: 80	.00 (Ft) Wid	dth: 90.0	0 (Ft) True Area: 7200.000002 (SqFt
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
1/1/1943	NC-PC	New Construction - PCC	0.00	0.00	V	Unknown thickness and assumed LCD
Network:	Madras M	unicipal Branch: A06MA	A Apron	06 Madras	Section:	03 Surface:PCC
L.C.D. 1/1/1	943 Us	se: APRON Rank: P L	•	.00 (Ft) Wi o	dth: 90.0	0 (Ft) True Area: 7200.000002 (SqFt
	Work			Thickness	Major	,
Work Date	Code	Work Description	Cost	(in)	M&R	Comments
1/1/1943	NC-PC	New Construction - PCC	0.00	0.00	V :	Unknown thickness and assumed LCD
Network:		1		06 Madras	Section:	
L.C.D. 9/1/1		se: APRON Rank: P L	ength: 50			0 (Ft) True Area: 19823.00000 (SqFt
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/1977	OL-AS	Overlay - AC Structural	0.00	3.00	V .	
9/3/1943	NC-AC	New Construction - AC	0.00	2.00	<u> </u>	
9/2/1943	BA-AG	Base Course - Aggregate	0.00	4.00		
9/1/1943	SB-AG	Subbase - Aggregate	0.00	10.00		
Network:	Madras M	unicipal Branch: AH16N	MA Hold A	Apron 16 Ma	Section:	01 Surface:AAC
L.C.D. 9/1/1	977 Us	se: APRON Rank: P L	ength: 370	.00 (Ft) Wio	dth: 50.0	0 (Ft) True Area: 18550.00000 (SqFt
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/1990	SS-FS	Surface Seal - Fog Seal	0.00	0.10	Mak	
9/1/1977	OL-AS	Overlay - AC Structural	0.00	3.00	V	
9/3/1943	NC-AC	New Construction - AC	0.00	2.00	V	
9/2/1943		Base Course - Aggregate	0.00	4.00	V	
	DA-AG				1.5 15	
9/1/1943	SB-AG	Subbase - Aggregate	0.00	10.00	<u> </u>	
9/1/1943			0.00	10.00		
9/1/1943 Network:	SB-AG	Subbase - Aggregate		10.00 Apron 16 Ma		02 Surface:AC
	SB-AG Madras M	Subbase - Aggregate unicipal Branch: AH16M	MA Hold A	Apron 16 Ma	Section:	02 Surface: AC 0 (Ft) True Area: 15442.00000 (SqFt
Network:	SB-AG Madras M	Subbase - Aggregate unicipal Branch: AH16M	MA Hold A	Apron 16 Ma	Section:	

Pavement Management System PAVER 7.0 TM

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Pavement Database: ODA_WOC3_10-05-2022_PostDetCurves

Network:	Madras M	unicipal Branch: AH34N	ЛА Hold A	Apron 34 Ma	Section:	01 Surface:AC
L.C.D. 9/2/2	004 Us	se: APRON Rank: P L	ength: 240	.00 (Ft) Wio	dth: 40.0	0 (Ft) True Area: 13127.00000 (SqFt
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2015	CS-AC	Crack Sealing - AC	0.00	0.00		PMP 2015
9/1/2012	CS-AC	Crack Sealing - AC	0.00	0.00		PMP 2012
9/2/2004	CR-AC	Complete Reconstruction - AC	0.00	2.00		
9/1/2004	BA-PA	Base Course - Pulverized AC	0.00	8.00		
9/1/1990	SS-FS	Surface Seal - Fog Seal	0.00	0.10		
9/1/1977	OL-AS	Overlay - AC Structural	0.00	3.00	~	
9/3/1943	NC-AC	New Construction - AC	0.00	2.00	~	
9/2/1943	BA-AG	Base Course - Aggregate	0.00	4.00		
9/1/1943	SB-AG	Subbase - Aggregate	0.00	10.00		
Network:	Madras Mı	unicipal Branch: R04MA	A Runwa	ny 04/22 Ma	Section:	01 Surface:AC
L.C.D. 8/1/1		_	ength: 2,700	•		0 (Ft) True Area: 134997.0033 (SqFt
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/2/2008	PA-AD	Patching - AC Deep	0.00	0.00		PMP 2008
9/1/2008	CS-WD	Crack Seal - Wide Cracks	0.00	0.00		PMP 2008
6/1/2001	CS-AC	Crack Sealing - AC	0.00	0.10		Oregon DOA 2001 Maint. Program
9/2/2000	SS-FS	Surface Seal - Fog Seal	0.00	0.10		ξ
9/1/2000	CS-AC	Crack Sealing - AC	0.00	0.10		
8/1/1997	CS-AC	Crack Sealing - AC	0.00	0.10		circa 1997
8/1/1990	CR-AC	Complete Reconstruction - AC	0.00	2.00		
8/1/1943	BA-AG	Base Course - Aggregate	0.00	8.00		
Network:		•		ny 16/34 Ma	Section:	
L.C.D. 5/18/		se: RUNWAY Rank: P L	ength: 5,090			0 (Ft) True Area: 381749.9969 (SqFt
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
5/18/2015	CR-AC	Complete Reconstruction - AC	0.00	4.00	~	
5/17/2015	BA-AG	Base Course - Aggregate	0.00	6.00		
5/16/2015	SB-AG	Subbase - Aggregate	0.00	7.50		Pulverized Existing Pavement
5/15/2015	FB-TX	Geotextile	0.00	0.00		GeoGrid/Geotextile
9/1/2012	PA-AD	Patching - AC Deep	0.00	0.00	i i	PMP 2012, including Joint Repair
9/2/2008	PA-AD	Patching - AC Deep	0.00	0.00		PMP 2008
9/1/2008	CS-WD	Crack Seal - Wide Cracks	0.00	0.00		PMP 2008
6/1/2001	CS-AC	Crack Sealing - AC	0.00	0.10		Oregon DOA 2001 Maint. Program
9/2/2000	SS-FS	Surface Seal - Fog Seal	0.00	0.10		
9/1/2000	CS-AC	Crack Sealing - AC	0.00	0.10	, , , , , , , , , , , , , , , , , , ,	
8/1/1997	CS-AC	Crack Sealing - AC	0.00	0.10		circa 1997
9/2/1990	CR-AC	Complete Reconstruction - AC	0.00	2.00		
9/1/1990	BA-AG	Base Course - Aggregate	0.00	3.00		
8/1/1943	SB-AG	Subbase - Aggregate	0.00	5.00	·	

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Pavement Database: ODA_WOC3_10-05-2022_PostDetCurves

L.C.D. 9/1/2012 Use: TAXIWAY Rank: S Length: 370.00 (Ft) Width: 35.00 (Ft) True Area: 12036.00000 (SqFt Work Date Work Work Description Cost Thickness Major Rank: S Major Comments M&R Code Magor Approximate thickness and estimated 9/1/2012 O.D.AS Overlay - AC Structural 0.00 2.00 ✓ Approximate thickness and estimated 8/2/1943 NC-PC New Construction - PCC 0.00 9.00 ✓ Approximate thickness and estimated NC-PC New Construction - PCC 0.00 9.00 ✓ Approximate thickness and estimated NC-PC New Construction - PCC 0.00 9.00 ✓ Approximate thickness and estimated NC-PC New Construction - PCC 0.00 0.00 ✓ Not the position Not the positio	Network:	Network: Madras Municipal Branch: T01MA Taxiway 01 Madra Section: 01 Surface: APC											
Work Date			1		•								
9/1/2012 OL-AS Overlay - AC Structural 0.00 2.00 ✓ Approximate thickness and estimated 8/2/1943 NC-PC New Construction - PCC 0.00 9.00 ✓ Approximate thickness and estimated 8/1/1943 SB-AG Subbase - Aggregate 0.00 0.00 ✓ Approximate thickness and estimated NC-PC New Construction - PCC 0.00 9.00 ✓ Approximate thickness and estimated Subbase - Aggregate 0.00 0.00 ✓ Approximate thickness and estimated Subbase - Aggregate 0.00 0.00 ✓ Approximate thickness and estimated Subbase - Aggregate 0.00 0.00 ✓ Approximate thickness and estimated Subbase - Aggregate 0.00 0.00 ✓ Approximate thickness and estimated Subbase - Aggregate 0.00 0.00 ✓ Approximate thickness and estimated Subbase - Aggregate 0.00 0.00 ✓ Approximate thickness and estimated Subbase - Aggregate 0.00 0.00 ✓ Approximate thickness and estimated Subbase - Aggregate 0.00 0.00 ✓ Approximate thickness and estimated Subbase - Aggregate 0.00 0.00 ✓ Approximate thickness and estimated Subbase - Aggregate 0.00 0.00 ✓ Approximate thickness and estimated Subbase - Aggregate 0.00 0.00 ✓ Approximate thickness and estimated Subbase - Aggregate 0.00 0.00 ✓ Approximate thickness and estimated Subbase - Aggregate 0.00 0.00 ○ PMP 2015		Work		Ī	Thickness	Major							
Network: Madras Municipal Branch: T01MA Taxiway 01 Madra Section: 02 Surface:AC	9/1/2012	OL-AS	Overlay - AC Structural	0.00	2.00		Approximate thickness and estimated						
Network: Madras Municipal Branch: T01MA Taxiway 01 Madra Section: 02 Surface:AC	8/2/1943	NC-PC	New Construction - PCC	0.00	9.00								
L.C.D. 8/1/1990 Use: TAXIWAY Rank: S Length: 1,250.00 (Ft) Width: 35.00 (Ft) True Area: 43481.00001 (SqFt Work Date Work Code Work Description Cost Thickness (in) M&R Comments	8/1/1943	SB-AG	Subbase - Aggregate	0.00	0.00								
L.C.D. 8/1/1990 Use: TAXIWAY Rank: S Length: 1,250.00 (Ft) Width: 35.00 (Ft) True Area: 43481.00001 (SqFt Work Date Work Code Work Description Cost Thickness (in) M&R Comments													
Work Date	Network:	1											
Work Date Code Work Description Cost (in)	L.C.D. 8/1/1	990 Us	se: TAXIWAY Rank: S	Length: 1,250	.00 (Ft) Wi	dth: 35.0	0 (Ft) True Area: 43481.00001 (SqFt						
9/1/2015	Work Date		Work Description	Cost			Comments						
9/1/2008	9/2/2015	PA-AD	Patching - AC Deep	0.00	0.00		PMP 2015						
CS-AC Crack Sealing - AC O.00 O.10 □ Oregon DOA 2001 Maint. Program	9/1/2015	CS-AC	Crack Sealing - AC	0.00	0.00		PMP 2015						
9/1/2000 CS-AC Crack Sealing - AC 0.00 0.10 □ 8/1/1990 NC-AC New Construction - AC 0.00 2.00 ✓ 8/1/1943 BA-AG Base Course - Aggregate 0.00 8.00 ✓ Network: Madras Municipal Branch: T01MA Taxiway 01 Madra Section: 03 Surface:AC L.C.D. 5/18/2015 Use: TAXIWAY Rank: S Length: 125.00 (Ft) Width: 35.00 (Ft) True Area: 4375.000055 (SqFt Work Date Work Description Cost Thickness (in) Major M&R Comments 5/18/2015 CR-AC Complete Reconstruction - AC 0.00 4.00 ✓ 5/16/2015 SB-AG Subbase - Aggregate 0.00 7.50 Pulverized Existing Pavement 5/15/2015 FB-TX Geotextile 0.00 7.50 Pulverized Existing Pavement Network: Madras Municipal Branch: T02MA Taxiway 02 Madra Section: 01 Surface:AC L.C.D. 5/18/2015 Use: TAXIWAY Rank: P Length: 205.	9/1/2008	CS-WD	Crack Seal - Wide Cracks	0.00	0.00		PMP 2008						
Nctwork: Madras Municipal Branch: T01MA Taxiway 01 Madra Section: 03 Surface: AC	6/1/2001	CS-AC	Crack Sealing - AC	0.00	0.10		Oregon DOA 2001 Maint. Program						
8/1/1943 BA-AG Base Course - Aggregate 0.00 8.00 ✓ Network: Madras Municipal Branch: T01MA Taxiway 01 Madra Section: 03 Surface:AC L.C.D. 5/18/2015 Use: TAXIWAY Rank: S Length: 125.00 (Ft) Width: 35.00 (Ft) True Area: 4375.000055 (SqFt) Work Date Work Code Work Description Cost Thickness (in) Major M&R Comments 5/18/2015 CR-AC Complete Reconstruction - AC Subbase - Aggregate 0.00 4.00 ✓ 5/16/2015 SB-AG Subbase - Aggregate 0.00 7.50 Pulverized Existing Pavement S/15/2015 FB-TX Geotextile 0.00 0.00 Total Network: Madras Municipal Branch: T02MA Taxiway 02 Madra Section: 01 Surface:AC L.C.D. 5/18/2015 Use: TAXIWAY Rank: P Length: 205.00 (Ft) Width: 35.00 (Ft) True Area: 10072.00000 (SqFt)	9/1/2000	CS-AC	Crack Sealing - AC	0.00	0.10								
Network: Madras Municipal Branch: T01MA Taxiway 01 Madra Section: 03 Surface:AC L.C.D. 5/18/2015 Use: TAXIWAY Rank: S Length: 125.00 (Ft) Width: 35.00 (Ft) True Area: 4375.000055 (SqFt Work Date Work Oode Work Description Cost Thickness (in) Major (in) Comments 5/18/2015 CR-AC Complete Reconstruction - AC 0.00 4.00 ✓ 5/17/2015 BA-AG Base Course - Aggregate 0.00 6.00 — 5/16/2015 SB-AG Subbase - Aggregate 0.00 7.50 — Pulverized Existing Pavement 5/15/2015 FB-TX Geotextile 0.00 0.00 Total Complete Reconstruction Section: 01 Surface:AC L.C.D. 5/18/2015 Use: TAXIWAY Rank: P Length: 205.00 (Ft) Width: 35.00 (Ft) True Area: 10072.00000 (SqFt) Work Date Work Description Cost Thic	8/1/1990	NC-AC	New Construction - AC	0.00	2.00								
L.C.D. 5/18/2015 Use: TAXIWAY Rank: S Length: 125.00 (Ft) Width: 35.00 (Ft) True Area: 4375.000055 (SqFt) Work Date Work Code Work Description Cost Thickness (in) Major M&R Comments 5/18/2015 CR-AC Complete Reconstruction - AC 0.00 4.00 ✓ 5/17/2015 BA-AG Base Course - Aggregate 0.00 6.00 ✓ 5/15/2015 SB-AG Subbase - Aggregate 0.00 7.50 ✓ Pulverized Existing Pavement 5/15/2015 FB-TX Geotextile 0.00 0.00 0.00 GeoGrid/Geotextile Network: Madras Municipal Branch: T02MA Taxiway 02 Madra Section: 01 Surface:AC L.C.D. 5/18/2015 Use: TAXIWAY Rank: P Length: 205.00 (Ft) Width: 35.00 (Ft) True Area: 10072.00000 (SqFt) Work Date Work Code Work Description Cost Thickness (in) Major M&R Comments 5/18/2015 CR-AC Complete Reconstruction - AC <t< td=""><td>8/1/1943</td><td>BA-AG</td><td>Base Course - Aggregate</td><td>0.00</td><td>8.00</td><td></td><td></td></t<>	8/1/1943	BA-AG	Base Course - Aggregate	0.00	8.00								
L.C.D. 5/18/2015 Use: TAXIWAY Rank: S Length: 125.00 (Ft) Width: 35.00 (Ft) True Area: 4375.000055 (SqFt) Work Date Work Code Work Description Cost Thickness (in) Major M&R Comments 5/18/2015 CR-AC Complete Reconstruction - AC 0.00 4.00 ✓ 5/17/2015 BA-AG Base Course - Aggregate 0.00 6.00 ✓ 5/15/2015 SB-AG Subbase - Aggregate 0.00 7.50 ✓ Pulverized Existing Pavement 5/15/2015 FB-TX Geotextile 0.00 0.00 0.00 GeoGrid/Geotextile Network: Madras Municipal Branch: T02MA Taxiway 02 Madra Section: 01 Surface:AC L.C.D. 5/18/2015 Use: TAXIWAY Rank: P Length: 205.00 (Ft) Width: 35.00 (Ft) True Area: 10072.00000 (SqFt) Work Date Work Code Work Description Cost Thickness (in) Major M&R Comments 5/18/2015 CR-AC Complete Reconstruction - AC <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>													
Work Date Work Code Work Description Cost Thickness (in) Major M&R Comments 5/18/2015 CR-AC Complete Reconstruction - AC 5/17/2015 BA-AG Base Course - Aggregate 0.00 6.00 □ Pulverized Existing Pavement 5/16/2015 SB-AG Subbase - Aggregate 0.00 7.50 □ Pulverized Existing Pavement 5/15/2015 FB-TX Geotextile 0.00 0.00 □ GeoGrid/Geotextile Network: Madras Municipal Branch: T02MA Taxiway 02 Madra Section: 01 Surface: AC L.C.D. 5/18/2015 Use: TAXIWAY Rank: P Length: 205.00 (Ft) Width: 35.00 (Ft) True Area: 10072.00000 (SqFt) Work Date Code Code Code Solubase - Aggregate Cost Thickness (in) M&R Comments 5/18/2015 CR-AC Complete Reconstruction - AC 0.00 4.00 ✓ 4.00 ✓ 5/17/2015 BA-AG Base Course - Aggregate 0.00 6.00 □ Pulverized Existing Pavement 5/16/2015 SB-AG Subbase - Aggregate 0.00 7.50 □ Pulverized Existing Pavement	Network:	Madras Mı	unicipal Branch: T01M.	A Taxiw	ay 01 Madra	Section:	03 Surface:AC						
Work Date Code Work Description Cost (in) M&R Comments 5/18/2015 CR-AC Complete Reconstruction - AC 0.00 4.00 ✓ 5/17/2015 BA-AG Base Course - Aggregate 0.00 6.00 □ 5/16/2015 SB-AG Subbase - Aggregate 0.00 7.50 □ Pulverized Existing Pavement 5/15/2015 FB-TX Geotextile 0.00 0.00 □ GeoGrid/Geotextile Network: Madras Municipal Branch: T02MA Taxiway 02 Madra Section: 01 Surface:AC L.C.D. 5/18/2015 Use: TAXIWAY Rank: P Length: 205.00 (Ft) Width: 35.00 (Ft) True Area: 10072.00000 (SqFt) Work Date Work Ode Work Description Cost Thickness (in) Major M&R Comments 5/18/2015 CR-AC Complete Reconstruction - AC 0.00 4.00 ✓ 5/17/2015 BA-AG Base Course - Aggregate 0.00 6.00 □ 5/16/2015 SB-AG Subbase - Aggregate	L.C.D. 5/18/	2015 Us	se: TAXIWAY Rank: S	Length: 125	.00 (Ft) Wi	dth: 35.0	0 (Ft) True Area: 4375.000055 (SqFt						
Solution	Work Date		Work Description	Cost			Comments						
5/16/2015 SB-AG Subbase - Aggregate 0.00 7.50 Pulverized Existing Pavement 5/15/2015 FB-TX Geotextile 0.00 0.00 Pulverized Existing Pavement Network: Madras Municipal Branch: T02MA Taxiway 02 Madra Section: 01 Surface:AC L.C.D. 5/18/2015 Use: TAXIWAY Rank: P Length: 205.00 (Ft) Width: 35.00 (Ft) True Area: 10072.00000 (SqFt) Work Date Work Code Work Description Cost Thickness (in) Major M&R Comments 5/18/2015 CR-AC Complete Reconstruction - AC 0.00 4.00 ✓ 5/17/2015 BA-AG Base Course - Aggregate 0.00 6.00 O 5/16/2015 SB-AG Subbase - Aggregate 0.00 7.50 Pulverized Existing Pavement	5/18/2015	CR-AC	Complete Reconstruction - AC	0.00	4.00	V							
Solution Surface Solution Surface Solution Surface S	5/17/2015	BA-AG	Base Course - Aggregate	0.00	6.00								
Network: Madras Municipal Branch: T02MA Taxiway 02 Madra Section: 01 Surface:AC L.C.D. 5/18/2015 Use: TAXIWAY Rank: P Length: 205.00 (Ft) Width: 35.00 (Ft) True Area: 10072.00000 (SqFt Work Date Work Code Work Description Cost Thickness (in) Major M&R Comments 5/18/2015 CR-AC Complete Reconstruction - AC 0.00 4.00 ✓ 5/17/2015 BA-AG Base Course - Aggregate 0.00 6.00 — 5/16/2015 SB-AG Subbase - Aggregate 0.00 7.50 — Pulverized Existing Pavement	5/16/2015	SB-AG	Subbase - Aggregate	0.00	7.50		Pulverized Existing Pavement						
Work Date Work Code Work Description Cost Thickness (in) Major M&R Comments 5/18/2015 CR-AC Complete Reconstruction - AC 0.00 4.00 Image: Complete Reconstruction - AC 0.00 6.00 Image: Complete Reconstruction - AC Description Image: Complete Reconstruction - AC Image:	5/15/2015	FB-TX	Geotextile	0.00	0.00		GeoGrid/Geotextile						
Work Date Work Code Work Description Cost Thickness (in) Major M&R Comments 5/18/2015 CR-AC Complete Reconstruction - AC 0.00 4.00 Image: Complete Reconstruction - AC 0.00 6.00 Image: Complete Reconstruction - AC Description Image: Complete Reconstruction - AC Image:													
Work Date Work Code Work Description Cost Thickness (in) Major M&R Comments 5/18/2015 CR-AC Complete Reconstruction - AC 0.00 4.00 ✓ 5/17/2015 BA-AG Base Course - Aggregate 0.00 6.00 ☐ 5/16/2015 SB-AG Subbase - Aggregate 0.00 7.50 ☐ Pulverized Existing Pavement			1		•								
Work Date CodeWork DescriptionCost(in)M&RComments5/18/2015CR-ACComplete Reconstruction - AC0.004.00✓5/17/2015BA-AGBase Course - Aggregate0.006.00□5/16/2015SB-AGSubbase - Aggregate0.007.50□Pulverized Existing Pavement	L.C.D. 5/18/.		se; iaaiwai kank; p l	Length: 205			0 (F1) 1 rue Area: 100/2.00000 (SqFt						
5/17/2015 BA-AG Base Course - Aggregate 0.00 6.00 5/16/2015 SB-AG Subbase - Aggregate 0.00 7.50 Pulverized Existing Pavement	Work Date		Work Description	Cost			Comments						
5/16/2015 SB-AG Subbase - Aggregate 0.00 7.50 Pulverized Existing Pavement	5/18/2015	CR-AC	Complete Reconstruction - AC	0.00	4.00	~							
	5/17/2015	BA-AG	Base Course - Aggregate	0.00	6.00								
5/15/2015 FB-TX Geotextile 0.00 0.00 GeoGrid/Geotextile	5/16/2015	SB-AG	Subbase - Aggregate	0.00	7.50		Pulverized Existing Pavement						
	5/15/2015	FB-TX	Geotextile	0.00	0.00		GeoGrid/Geotextile						

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Pavement Database: ODA_WOC3_10-05-2022_PostDetCurves

Network:	Madras M	unicipal Branch: T02MA	A Taxiwa	ay 02 Madra	Section:	02 Surface:AC
L.C.D. 7/1/2	020 Us	se: TAXIWAY Rank: P L	ength: 775	.00 (Ft) Wid	lth: 35.0	0 (Ft) True Area: 27340.00000 (SqFt
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
7/1/2020	CR-AC	Complete Reconstruction - AC	0.00	0.00	V	
9/1/2015	CS-AC	Crack Sealing - AC	0.00	0.00		PMP 2015
9/2/2012	PA-AD	Patching - AC Deep	0.00	0.00		PMP 2012, includes Joint Repair
9/1/2012	CS-AC	Crack Sealing - AC	0.00	0.00		PMP 2012
9/1/2008	CS-WD	Crack Seal - Wide Cracks	0.00	0.00		PMP 2008
9/2/2000	SS-FS	Surface Seal - Fog Seal	0.00	0.10		
9/1/2000	CS-AC	Crack Sealing - AC	0.00	0.10		
8/1/1990	SU-AC	Surface Course - AC	0.00	2.00		
8/1/1943	BA-AG	Base Course - Aggregate	0.00	8.00	;	
Network:		<u>.</u>		ay 02 Madra	Section:	03 Surface:AC
L.C.D. 7/1/2	020 Us	se: TAXIWAY Rank: P L	ength: 3,607			0 (Ft) True Area: 126238 (SqFt
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
7/1/2020	NC-AC	New Construction - AC	0.00	0.00		
9/1/2015	CS-AC	Crack Sealing - AC	0.00	0.00		PMP 2015
9/1/2012	CS-AC	Crack Sealing - AC	0.00	0.00		PMP 2012
9/2/2004	CR-AC	Complete Reconstruction - AC	0.00	2.00		
9/1/2004	BA-PA	Base Course - Pulverized AC	0.00	6.00		
8/1/1990	SS-FS	Surface Seal - Fog Seal	0.00	0.10		
8/1/1977	OL-AS	Overlay - AC Structural	0.00	3.00		
8/3/1943	NC-AC	New Construction - AC	0.00	2.00		
8/2/1943	BA-AG	Base Course - Aggregate	0.00	4.00		
8/1/1943	SB-AG	Subbase - Aggregate	0.00	10.00		
Network:		unicipal Branch: T02MA	A Taxiwa	ay 02 Madra	Section:	
L.C.D. 7/1/2		se: TAXIWAY Rank: P L	ength: 650	.00 (Ft) Wid		0 (Ft) True Area: 27685.00000 (SqFt
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
7/1/2020		New Construction - AC	0.00	0.00	~ :	
9/1/2015	CS-AC	Crack Sealing - AC	0.00			PMP 2015
9/2/2012	PA-AD	Patching - AC Deep	0.00	0.00		PMP 2012, includes Joint Repair
9/1/2012	CS-AC	Crack Sealing - AC	0.00	0.00		PMP 2012
9/1/2008	CS-WD	Crack Seal - Wide Cracks	0.00	0.00		PMP 2008
6/1/2001	CS-AC	Crack Sealing - AC	0.00	0.10		Oregon DOA 2001 Maint. Program
9/2/2000	SS-FS	Surface Seal - Fog Seal	0.00	0.10		
9/1/2000	CS-AC	Crack Sealing - AC	0.00	0.10		
8/1/1990	SU-AC	Surface Course - AC	0.00	2.00		
8/1/1943	BA-AG	Base Course - Aggregate	0.00	8.00	<u> </u>	

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Pavement Database: ODA_WOC3_10-05-2022_PostDetCurves

Network:	Madras M	unicipal Branch: T02MA	Taxiwa	ay 02 Madra	Section:	05 Surface:AC
L.C.D. 5/18/2	2015 Us	se: TAXIWAY Rank: P L	ength: 215	.00 (Ft) Wie	dth: 35.0	0 (Ft) True Area: 10910.00000 (SqFt
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
5/18/2015	CR-AC	Complete Reconstruction - AC	0.00	4.00	V	
5/17/2015	BA-AG	Base Course - Aggregate	0.00	6.00		
5/16/2015	SB-AG	Subbase - Aggregate	0.00	7.50		Pulverized Existing Pavement
5/15/2015	FB-TX	Geotextile	0.00	0.00		GeoGrid/Geotextile
Network:	Madras M	unicipal Branch: T03MA	. Taxiwa	ay 03 Madra	Section:	01 Surface:AC
L.C.D. 5/18/2	2015 Us	se: TAXIWAY Rank: P L	ength: 162	.50 (Ft) Wid	dth: 35.0	0 (Ft) True Area: 6986.000000 (SqFt
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
5/18/2015	CR-AC	Complete Reconstruction - AC	0.00	4.00	V	
5/17/2015	BA-AG	Base Course - Aggregate	0.00	6.00		
5/16/2015	SB-AG	Subbase - Aggregate	0.00	7.50		Pulverized Existing Pavement
5/15/2015	FB-TX	Geotextile	0.00	0.00		GeoGrid/Geotextile
		<u>'</u>				
Network:	Madras M	unicipal Branch: T03MA	. Taxiwa	ay 03 Madra	Section:	02 Surface:AC
L.C.D. 7/1/20	020 Us	se: TAXIWAY Rank: P L	ength: 460	.00 (Ft) Wie	dth: 35.0	0 (Ft) True Area: 20650.00000 (SqFt
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
7/1/2020	NC-AC	New Construction - AC	0.00	0.00	V	
9/1/2015	CS-AC	Crack Sealing - AC	0.00	0.00		PMP 2015
9/2/2012	PA-AD	Patching - AC Deep	0.00	0.00		PMP 2012, includes Joint Repair
9/1/2012	CS-AC	Crack Sealing - AC	0.00	0.00	<u> </u>	PMP 2012
9/1/2008	CS-WD	Crack Seal - Wide Cracks	0.00	0.00		PMP 2008
6/1/2001	CS-AC	Crack Sealing - AC	0.00	0.10		Oregon DOA 2001 Maint. Program
9/2/2000	SS-FS	Surface Seal - Fog Seal	0.00	0.10	<u> </u>	
9/1/2000	CS-AC	Crack Sealing - AC	0.00	0.00	<u> </u>	
8/2/1990	NC-AC	New Construction - AC	0.00	2.00		
8/1/1990	BA-AG	Base Course - Aggregate	0.00	9.00		
		66 6				
Network:	Madras M	unicipal Branch: T04MA	. Taxiwa	ay 04 Madra	Section:	01 Surface:AC
L.C.D. 9/3/20	011 Us	se: TAXIWAY Rank: P L	ength: 128	.00 (Ft) Wie	dth: 40.0	0 (Ft) True Area: 6892 (SqFt
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/3/2011	NC-AC	New Construction - AC	0.00	4.00	V	P401
9/2/2011	BA-AG	Base Course - Aggregate	0.00	5.00		P209
9/1/2011	SB-AG	Subbase - Aggregate	0.00	13.00		P209
Network:	Madras M	unicipal Branch: T05MA	. Taxiwa	ay 05 Madra	Section:	01 Surface:AC
L.C.D. 9/3/20	011 Us	se: TAXIWAY Rank: P L	ength: 70	` '	dth: 50.0	0 (Ft) True Area: 3500 (SqFt
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/3/2011	NC-AC	New Construction - AC	0.00	4.00	V	P401
9/2/2011						
9/2/2011	BA-AG	Base Course - Aggregate	0.00	5.00		P209

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Pavement Database: ODA_WOC3_10-05-2022_PostDetCurves

Network:	Madras M	unicipal Branch: T06MA	A Taxiw	ay 06 Madra	Section: 01	Surface:AC
L.C.D. 9/3/20	011 Us	se: TAXIWAY Rank: P L	ength: 128	.00 (Ft) Wie	dth: 150.00 (F	Ft) True Area: 19816 (SqFt
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/3/2011	NC-AC	New Construction - AC	0.00	4.00	✓ P4	01
9/2/2011	BA-AG	Base Course - Aggregate	0.00	5.00	P2	09
9/1/2011	SB-AG	Subbase - Aggregate	0.00	13.00	P2	09
Network:		ī		ay 07 Madra	Section: 01	Surface:AC
L.C.D. 9/3/20		se: TAXIWAY Rank: P I	ength: 70	· /		Ft) True Area: 3500.000001 (SqFt
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/3/2011	NC-AC	New Construction - AC	0.00	4.00	✓ P4	01
9/2/2011	BA-AG	Base Course - Aggregate	0.00	5.00	P2	09
9/1/2011	SB-AG	Subbase - Aggregate	0.00	13.00	P2	09
			•		•	
Network:	Madras M	unicipal Branch: T08MA	A Taxiwa	ay 08 Madra	Section: 01	Surface:AC
L.C.D. 9/3/20	011 Us	se: TAXIWAY Rank: P	ength: 128	.00 (Ft) Wie	dth: 40.00 (F	Ft) True Area: 10660 (SqFt
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/3/2011	NC-AC	New Construction - AC	0.00	4.00	✓ P4	01
9/2/2011	BA-AG	Base Course - Aggregate	0.00	5.00	P2	09
9/1/2011	SB-AG	Subbase - Aggregate	0.00	13.00	P2	09
Network:	Madras M	unicipal Branch: T09MA	A Taxiwa	ay 09 Madra	Section: 01	Surface:APC
L.C.D. 9/1/19	998 Us	se: TAXIWAY Rank: S L	ength: 70	.00 (Ft) Wie	dth: 45.00 (F	Ft) True Area: 2535 (SqFt
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments
9/1/2015	CS-AC	Crack Sealing - AC	0.00	0.00	PN	AP 2015
9/1/2012	CS-AC	Crack Sealing - AC	0.00	0.00	PM	ЛР 2012
9/1/1998	OL-AT	Overlay - AC Thin	0.00	2.00	✓ cir	rca 1998
9/2/1943	NC-PC	New Construction - PCC	0.00	0.00	un	k. thickness
9/1/1943	SB-UN	Subbase - Unknown (Major	0.00	0.00		
		MR)				
Network:	Madras M	unicipal Branch: T09MA	A Taxiwa	ay 09 Madra	Section: 02	Surface:AC
L.C.D. 9/2/19	998 Us	se: TAXIWAY Rank: S L	ength: 105	.00 (Ft) Wie		Ft) True Area: 4725.000118 (SqFt
Work Date	Work	Work Description	Cost	Thickness	Major M.s.D	Comments
9/1/2015	Code CS-AC	Crack Sealing - AC	0.00	(in) 0.00	M&R PN	MP 2015
9/1/2012	CS-AC	Crack Sealing - AC	0.00	0.00		MP 2012
9/1/2008	CS-AC	Crack Sealing - AC	0.00	0.10		MP 2008
9/2/1998	NC-AC	New Construction - AC	0.00	2.00		rca 1998
9/1/1998	BA-UN	Base Course - Unknown	0.00	0.00		rca 1998
JI 11 1 J J G	D11-014	(Major MR)	0.00	0.00	. CII	ou 1770

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Pavement Database: ODA_WOC3_10-05-2022_PostDetCurves

Network:	Madras M	unicipal Branch: T09MA	A Taxiw	ay 09 Madra	Section:	03	Surface:APC
L.C.D. 9/1/1	998 Us	se: TAXIWAY Rank: S L	ength: 90	.00 (Ft) Wie	dth: 45.0	0 (Ft) True Area	: 4050.000101 (SqFt
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Com	nments
9/1/2015	CS-AC	Crack Sealing - AC	0.00	0.00		PMP 2015	
9/1/2012	CS-AC	Crack Sealing - AC	0.00	0.00		PMP 2012	
9/1/2008	CS-AC	Crack Sealing - AC	0.00	0.10		PMP 2008	
9/1/1998	OL-AT	Overlay - AC Thin	0.00	2.00		circa 1998	
9/2/1943	NC-PC	New Construction - PCC	0.00	0.00	~	unk. thickness	
9/1/1943	SB-UN	Subbase - Unknown (Major MR)	0.00	0.00	V		
				00.3.6.1	G .:	0.4	G 4 4 G
Network:		_		ay 09 Madra	Section:		Surface:AC
L.C.D. 9/2/1		se: TAXIWAY Rank: S L	ength: 461	·		0 (Ft) True Area:	: 7805 (SqFt
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R		nments
9/1/2015	CS-AC	Crack Sealing - AC	0.00	0.00		PMP 2015	
9/1/2012	CS-AC	Crack Sealing - AC	0.00	0.00		PMP 2012	
9/1/2008	CS-AC	Crack Sealing - AC	0.00	0.10		PMP 2008	
9/2/1998	NC-AC	New Construction - AC	0.00	2.00		circa 1998	
9/1/1998	BA-UN	Base Course - Unknown (Major MR)	0.00	0.00		circa 1998	
		(Major Mir)					
Network:	Madras M	unicipal Branch: T10MA	A Taxiw	ay 10 Madra	Section:	01	Surface:AC
L.C.D. 9/2/1				-	dth: 10.0	0 (Ft) True Area	: 9313 (SqFt
	Work			Thickness	Major		` 1
Work Date	Code	Work Description	Cost	(in)	M&R		iments
9/2/1943	NC-AC	New Construction - AC	0.00	0.00	V	date estimated from	m curve
9/1/1943	BA-UN	Base Course - Unknown	0.00	0.00		date estimated from	m curve
		(Major MR)					
Network:	M- J M	Duomaha T11M/	Ті	11 M- J	C4:	0.1	S
		1		ay 11 Madra	Section:		Surface: AC
L.C.D. 7/1/2		se: TAXIWAY Rank: S L	ength: 60	.00 (Ft) Wie		U (Ft) True Area:	: 2861.000000 (SqFt
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Com	nments
7/1/2020		New Construction - AC	0.00				
9/1/2015		Crack Sealing - AC	0.00	0.00	<u></u>	PMP 2015	
9/1/2012	CS-AC	Crack Sealing - AC	0.00	0.00	<u></u>	PMP 2012	
9/1/2008	CS-AC	Crack Sealing - AC	0.00	0.10		PMP 2008	
9/1/1998	OL-AT	Overlay - AC Thin	0.00	2.00		circa 1998	
9/2/1919	NC-AC	New Construction - AC	0.00	0.00		unk. thickness	
9/1/1919	BA-UN	Base Course - Unknown (Major MR)	0.00	0.00	V		

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Pavement Database: ODA_WOC3_10-05-2022_PostDetCurves

Network:	Madras M	unicipal Branch: T11M	A Taxiwa	ay 11 Madra	Section:	02	Surface:AC
L.C.D. 9/2/1	998 Us	se: TAXIWAY Rank: S	Length: 75	.00 (Ft) Wie	dth: 20.0	0 (Ft) True A	Area: 1543.000037 (SqFt
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	(Comments
9/1/2015	CS-AC	Crack Sealing - AC	0.00	0.00		PMP 2015	
9/1/2012	CS-AC	Crack Sealing - AC	0.00	0.00	<u> </u>	PMP 2012	
9/2/1998	NC-AC	New Construction - AC	0.00	2.00		circa 1998	
9/1/1998	BA-UN	Base Course - Unknown (Major MR)	0.00	0.00		circa 1998	
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \					
Network:	Madras M	unicipal Branch: T11M	A Taxiwa	ay 11 Madra	Section:	03	Surface: APC
L.C.D. 9/1/1	998 Us	se: TAXIWAY Rank: S	Length: 80	.00 (Ft) Wie	dth: 20.0	0 (Ft) True A	Area: 1600.000040 (SqFt
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R		Comments
9/1/2015	CS-AC	Crack Sealing - AC	0.00	0.00		PMP 2015	
9/1/2012	CS-AC	Crack Sealing - AC	0.00	0.00		PMP 2012	
9/1/2008	CS-AC	Crack Sealing - AC	0.00	0.10		PMP 2008	
9/1/1998	OL-AT	Overlay - AC Thin	0.00	2.00		circa 1998	
9/2/1943	NC-PC	New Construction - PCC	0.00	0.00		unk. thickness	3
9/1/1943	SB-UN	Subbase - Unknown (Major	0.00	0.00			
		MR)					
Notono ales	M- J M	Doorsha TilM	A T	11 M- J	Castian.	0.4	Saufa an A.C.
Network:		ī		ay 11 Madra	Section:		Surface: AC
L.C.D. 9/2/1	998 Us	se: TAXIWAY Rank: S	Length: 190	.00 (Ft) Wi	dth: 20.0	0 (Ft) True A	Area: 2500.000089 (SqFt
	***			751 1 1	3.5 .		
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R		Comments
Work Date 9/1/2015		Crack Sealing - AC	Cost 0.00			PMP 2015	Comments
	Code	Crack Sealing - AC Crack Sealing - AC		(in)			Comments
9/1/2015	Code CS-AC CS-AC CS-AC	Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC	0.00	(in) 0.00	M&R	PMP 2015	Comments
9/1/2015 9/1/2012	Code CS-AC CS-AC	Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC New Construction - AC	0.00	(in) 0.00 0.00	M&R	PMP 2015 PMP 2012	Comments
9/1/2015 9/1/2012 9/1/2008	Code CS-AC CS-AC CS-AC	Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC New Construction - AC Base Course - Unknown	0.00 0.00 0.00	0.00 0.00 0.10	M&R	PMP 2015 PMP 2012 PMP 2008	Comments
9/1/2015 9/1/2012 9/1/2008 9/2/1998	Code CS-AC CS-AC CS-AC NC-AC	Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC New Construction - AC	0.00 0.00 0.00 0.00	0.00 0.00 0.10 2.00	M&R	PMP 2015 PMP 2012 PMP 2008 circa 1998	Comments
9/1/2015 9/1/2012 9/1/2008 9/2/1998	CS-AC CS-AC CS-AC NC-AC BA-UN	Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC New Construction - AC Base Course - Unknown (Major MR)	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.10 2.00	M&R	PMP 2015 PMP 2012 PMP 2008 circa 1998 circa 1998	Comments Surface:AC
9/1/2015 9/1/2012 9/1/2008 9/2/1998 9/1/1998	Code CS-AC CS-AC CS-AC NC-AC BA-UN	Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC New Construction - AC Base Course - Unknown (Major MR) unicipal Branch: T12M	0.00 0.00 0.00 0.00 0.00	(in) 0.00 0.00 0.10 2.00 0.00	M&R	PMP 2015 PMP 2012 PMP 2008 circa 1998 circa 1998	
9/1/2015 9/1/2012 9/1/2008 9/2/1998 9/1/1998 Network:	Code CS-AC CS-AC CS-AC NC-AC BA-UN Madras M 998 Us Work	Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC New Construction - AC Base Course - Unknown (Major MR) unicipal Branch: T12M	0.00 0.00 0.00 0.00 0.00 A Taxiwa Length: 35	(in) 0.00 0.00 0.10 2.00 0.00 ay 12 Madra .00 (Ft) Wid	M&R	PMP 2015 PMP 2012 PMP 2008 circa 1998 circa 1998	Surface:AC
9/1/2015 9/1/2012 9/1/2008 9/2/1998 9/1/1998 Network: L.C.D. 9/2/1	Code CS-AC CS-AC NC-AC BA-UN Madras M 998 Us Work Code	Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC New Construction - AC Base Course - Unknown (Major MR) unicipal Branch: T12M se: TAXIWAY Rank: S Work Description	0.00 0.00 0.00 0.00 0.00 A Taxiw: Length: 35	(in) 0.00 0.00 0.10 2.00 0.00 ay 12 Madra .00 (Ft) Wid Thickness (in)	M&R	PMP 2015 PMP 2012 PMP 2008 circa 1998 circa 1998	Surface:AC Area: 872.0000182 (SqFt
9/1/2015 9/1/2012 9/1/2008 9/2/1998 9/1/1998 Network: L.C.D. 9/2/19 Work Date	Code CS-AC CS-AC NC-AC BA-UN Madras M 998 Us Work Code NC-AC	Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC New Construction - AC Base Course - Unknown (Major MR) unicipal Branch: T12M se: TAXIWAY Rank: S Work Description New Construction - AC	0.00 0.00 0.00 0.00 0.00 0.00 A Taxiw. Length: 35 Cost 0.00	(in) 0.00 0.00 0.10 2.00 0.00 ay 12 Madra .00 (Ft) Wich Thickness (in) 2.00	M&R Section: dth: 20.0 Major M&R	PMP 2015 PMP 2012 PMP 2008 circa 1998 circa 1998 01 0 (Ft) True A	Surface:AC Area: 872.0000182 (SqFt
9/1/2015 9/1/2012 9/1/2008 9/2/1998 9/1/1998 Network: L.C.D. 9/2/1	Code CS-AC CS-AC NC-AC BA-UN Madras M 998 Us Work Code	Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC New Construction - AC Base Course - Unknown (Major MR) unicipal Branch: T12M se: TAXIWAY Rank: S Work Description	0.00 0.00 0.00 0.00 0.00 A Taxiw: Length: 35	(in) 0.00 0.00 0.10 2.00 0.00 ay 12 Madra .00 (Ft) Wid Thickness (in)	M&R	PMP 2015 PMP 2012 PMP 2008 circa 1998 circa 1998	Surface:AC Area: 872.0000182 (SqFt
9/1/2015 9/1/2012 9/1/2008 9/2/1998 9/1/1998 Network: L.C.D. 9/2/19 Work Date	Code CS-AC CS-AC NC-AC BA-UN Madras M 998 Us Work Code NC-AC	Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC New Construction - AC Base Course - Unknown (Major MR) Branch: T12M Se: TAXIWAY Rank: S Work Description New Construction - AC Base Course - Unknown	0.00 0.00 0.00 0.00 0.00 0.00 A Taxiw. Length: 35 Cost 0.00	(in) 0.00 0.00 0.10 2.00 0.00 ay 12 Madra .00 (Ft) Wich Thickness (in) 2.00	M&R Section: dth: 20.0 Major M&R	PMP 2015 PMP 2012 PMP 2008 circa 1998 circa 1998 01 0 (Ft) True A	Surface:AC Area: 872.0000182 (SqFt
9/1/2015 9/1/2012 9/1/2008 9/2/1998 9/1/1998 Network: L.C.D. 9/2/1 Work Date 9/2/1998 9/1/1998	Code CS-AC CS-AC NC-AC BA-UN Madras M 998 Us Work Code NC-AC BA-UN	Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC New Construction - AC Base Course - Unknown (Major MR) Branch: T12M See: TAXIWAY Rank: S Work Description New Construction - AC Base Course - Unknown (Major MR) unicipal Branch: T13M	0.00 0.00 0.00 0.00 0.00 A Taxiw. Length: 35 Cost 0.00 0.00	(in) 0.00 0.00 0.10 2.00 0.00 ay 12 Madra .00 (Ft) Wic Thickness (in) 2.00 0.00	Section: Section: Major M&R Section:	PMP 2015 PMP 2012 PMP 2008 circa 1998 circa 1998 01 0 (Ft) True A	Surface:AC Area: 872.0000182 (SqFt Comments Surface:AC
9/1/2015 9/1/2012 9/1/2008 9/2/1998 9/1/1998 Network: L.C.D. 9/2/1 Work Date 9/2/1998 9/1/1998	Code CS-AC CS-AC NC-AC BA-UN Madras M 998 Us Work Code NC-AC BA-UN	Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC New Construction - AC Base Course - Unknown (Major MR) Branch: T12M See: TAXIWAY Rank: S Work Description New Construction - AC Base Course - Unknown (Major MR) unicipal Branch: T13M	0.00 0.00 0.00 0.00 0.00 A Taxiw. Cost 0.00 0.00 A Taxiw.	(in) 0.00 0.00 0.10 2.00 0.00 ay 12 Madra .00 (Ft) Wid Thickness (in) 2.00 0.00 ay 13 Madra .00 (Ft) Wid	M&R Section: dth: 20.0 Major M&R Section: dth: 25.0	PMP 2015 PMP 2012 PMP 2008 circa 1998 circa 1998 01 0 (Ft) True A	Surface:AC Area: 872.0000182 (SqFt Comments
9/1/2015 9/1/2012 9/1/2008 9/2/1998 9/1/1998 Network: L.C.D. 9/2/1 Work Date 9/2/1998 9/1/1998 Network: L.C.D. 6/1/2 Work Date	Code CS-AC CS-AC NC-AC BA-UN Madras M: 998 Us Work Code NC-AC BA-UN	Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC New Construction - AC Base Course - Unknown (Major MR) unicipal Branch: T12M se: TAXIWAY Rank: S Work Description New Construction - AC Base Course - Unknown (Major MR) unicipal Branch: T13M se: TAXIWAY Rank: S Work Description	0.00 0.00 0.00 0.00 0.00 0.00 A Taxiw Cost 0.00 0.00 A Taxiw Length: 110 Cost	(in) 0.00 0.00 0.10 2.00 0.00 ay 12 Madra .00 (Ft) Wid Thickness (in) 2.00 0.00 ay 13 Madra .00 (Ft) Wid Thickness (in)	Section: Section: Major M&R Section:	PMP 2015 PMP 2012 PMP 2008 circa 1998 circa 1998 01 0 (Ft) True A	Surface:AC Area: 872.0000182 (SqFt Comments Surface:AC
9/1/2015 9/1/2012 9/1/2008 9/2/1998 9/1/1998 Network: L.C.D. 9/2/1 Work Date 9/2/1998 9/1/1998 Network: L.C.D. 6/1/2	Code CS-AC CS-AC NC-AC BA-UN Madras M 998 Us Work Code NC-AC BA-UN Madras M 002 Us Work Code CS-AC	Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC New Construction - AC Base Course - Unknown (Major MR) Unicipal Branch: T12M See: TAXIWAY Rank: S Work Description New Construction - AC Base Course - Unknown (Major MR) Unicipal Branch: T13M See: TAXIWAY Rank: S Work Description Crack Sealing - AC	0.00 0.00 0.00 0.00 0.00 0.00 A Taxiw. Cost 0.00 0.00 A Taxiw. Length: 110	(in) 0.00 0.00 0.10 2.00 0.00 ay 12 Madra .00 (Ft) Wid Thickness (in) 2.00 0.00 ay 13 Madra .00 (Ft) Wid Thickness	Section: dth: 20.0 Major M&R Section: dth: 25.0 Major	PMP 2015 PMP 2012 PMP 2008 circa 1998 circa 1998 01 0 (Ft) True A circa 1998 01 0 (Ft) True A PMP 2015	Surface:AC Area: 872.0000182 (SqFt Comments Surface:AC Area: 3823.000039 (SqFt
9/1/2015 9/1/2012 9/1/2008 9/2/1998 9/1/1998 Network: L.C.D. 9/2/1: Work Date 9/2/1998 9/1/1998 Network: L.C.D. 6/1/2: Work Date 9/1/2015 9/1/2012	Code CS-AC CS-AC NC-AC BA-UN Madras M: 998 Us Work Code NC-AC BA-UN	Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC New Construction - AC Base Course - Unknown (Major MR) unicipal Branch: T12M se: TAXIWAY Rank: S Work Description New Construction - AC Base Course - Unknown (Major MR) unicipal Branch: T13M se: TAXIWAY Rank: S Work Description Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC	0.00 0.00 0.00 0.00 0.00 0.00 A Taxiw. Cost 0.00 0.00 Cost 0.00 0.00	(in) 0.00 0.00 0.10 2.00 0.00 ay 12 Madra .00 (Ft) Wid Thickness (in) 2.00 0.00 ay 13 Madra .00 (Ft) Wid Thickness (in) 0.00 0.00	Section: dth: 20.0 Major M&R Section: dth: 25.0 Major M&R	PMP 2015 PMP 2012 PMP 2008 circa 1998 circa 1998 01 0 (Ft) True A	Surface:AC Area: 872.0000182 (SqFt Comments Surface:AC Area: 3823.000039 (SqFt
9/1/2015 9/1/2012 9/1/2008 9/2/1998 9/1/1998 Network: L.C.D. 9/2/1 Work Date 9/2/1998 9/1/1998 Network: L.C.D. 6/1/2 Work Date 9/1/2015	Code CS-AC CS-AC NC-AC BA-UN Madras M 998 Us Work Code NC-AC BA-UN Madras M 002 Us Work Code CS-AC	Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC Crack Sealing - AC New Construction - AC Base Course - Unknown (Major MR) Unicipal Branch: T12M See: TAXIWAY Rank: S Work Description New Construction - AC Base Course - Unknown (Major MR) Unicipal Branch: T13M See: TAXIWAY Rank: S Work Description Crack Sealing - AC	0.00 0.00 0.00 0.00 0.00 0.00 0.00 A Taxiwa Cost 0.00 0.00 Cost 0.00 0.00	(in) 0.00 0.00 0.10 2.00 0.00 ay 12 Madra .00 (Ft) Wid Thickness (in) 2.00 0.00 ay 13 Madra .00 (Ft) Wid Thickness (in) 0.00	Section: dth: 20.0 Major M&R Section: dth: 25.0 Major	PMP 2015 PMP 2012 PMP 2008 circa 1998 circa 1998 01 0 (Ft) True A circa 1998 01 0 (Ft) True A PMP 2015	Surface:AC Area: 872.0000182 (SqFt Comments Surface:AC Area: 3823.000039 (SqFt

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Pavement Database: ODA_WOC3_10-05-2022_PostDetCurves

Network:	Madras M	unicipal Branch: T13MA	A Taxiwa	ay 13 Madra	Section: 02	Surface: APC	
L.C.D. 6/1/2	002 Us	se: TAXIWAY Rank: S L	ength: 90	.00 (Ft) Wid	lth: 25.00 (I	Ft) True Area: 2250.000056 (Sc	qFt
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments	
9/1/2015	CS-AC	Crack Sealing - AC	0.00	0.00	PN	ИР 2015	
9/1/2012	CS-AC	Crack Sealing - AC	0.00	0.00	PN	ИР 2012	
6/1/2002	OL-AT	Overlay - AC Thin	0.00	2.00			
6/1/2002	CO-TA	Coat - Tack	0.00	0.00			
							=
Network:	Madras M	unicipal Branch: T13MA	A Taxiwa	ay 13 Madra	Section: 03	Surface:AC	
L.C.D. 6/2/2	002 Us	se: TAXIWAY Rank: S L	ength: 325	.00 (Ft) Wid	lth: 25.00 (I	Ft) True Area: 8122 (So	qFt
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments	
9/1/2015	CS-AC	Crack Sealing - AC	0.00	0.00	PN	MP 2015	
9/1/2012	CS-AC	Crack Sealing - AC	0.00	0.00	PN	MP 2012	
6/2/2002	NC-AC	New Construction - AC	0.00	2.00			
6/1/2002	BA-AG	Base Course - Aggregate	0.00	10.00	_ <u> </u>		
							_
Network:	Madras M	unicipal Branch: T13MA	A Taxiwa	ay 13 Madra	Section: 04	Surface:AC	
L.C.D. 1/1/1	901 Us	se: TAXIWAY Rank: S L	ength: 52	.50 (Ft) Wid	lth: 95.00 (I	Ft) True Area: 5081.000001 (Se	qFt
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments	
9/1/2015	CS-AC	Crack Sealing - AC	0.00	0.00		MP 2015	
9/1/2012	CS-AC	Crack Sealing - AC	0.00	0.00	PN	ИР 2012	
1/1/1901	NU-IN	New Construction - Initial	0.00	0.00			
							_
Network:	Madras M	unicipal Branch: T14MA	A Taxiwa	ay 14 Madra	Section: 01	Surface:AC	
L.C.D. 9/3/2	011 Us	se: TAXIWAY Rank: P	ength: 252	.50 (Ft) Wid	lth: 40.00 (I	Ft) True Area: 10702 (Se	ηFt
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments	
9/3/2011	NC-AC	New Construction - AC	0.00	2.00	✓ P4	01	
9/2/2011	BA-AG	Base Course - Aggregate	0.00	5.00	P2	09	
9/1/2011	SB-AG	Subbase - Aggregate	0.00	10.50	P2	09	
			ı				
							_
Network:	Madras M	unicipal Branch: T15MA	A Taxiwa	ay 15 Madra	Section: 01	Surface:AC	
Network: L.C.D. 9/3/2		_		ay 15 Madra .50 (Ft) Wid		Surface:AC Ft) True Area: 4815 (So	ąFt
		_		•			ąFt
L.C.D. 9/3/2	011 Us Work	se: TAXIWAY Rank: P L	ength: 72	.50 (Ft) Wid	th: 50.00 (I	Comments 4815 (Secondary Comments)	qFt
L.C.D. 9/3/2	011 Us Work Code	se: TAXIWAY Rank: P L Work Description	cength: 72	.50 (Ft) Wid	th: 50.00 (I Major M&R	Comments Comments	qFt
L.C.D. 9/3/2/ Work Date 9/3/2011	Work Code NC-AC	work Description New Construction - AC	Cost 0.00	Thickness (in)	Major M&R P4	Comments 4815 (Scient Comments 01 09	qFt
Work Date 9/3/2011 9/2/2011	Work Code NC-AC BA-AG	Work Description New Construction - AC Base Course - Aggregate	Cost 0.00 0.00	7.50 (Ft) Wid Thickness (in) 2.00 5.00	Major M&R P4	Comments 4815 (Scient Comments 01 09	qFt
Work Date 9/3/2011 9/2/2011	Work Code NC-AC BA-AG SB-AG	Work Description New Construction - AC Base Course - Aggregate Subbase - Aggregate	Cost 0.00 0.00 0.00	7.50 (Ft) Wid Thickness (in) 2.00 5.00	Major M&R P4	Comments 4815 (Scient Comments 01 09	qFt
Work Date 9/3/2011 9/2/2011 9/1/2011	Work Code NC-AC BA-AG SB-AG	Work Description New Construction - AC Base Course - Aggregate Subbase - Aggregate unicipal Branch: T16MA	Cost 0.00 0.00 0.00 Taxiwa	Thickness (in) 2.00 5.00 10.50	Major M&R P4 P2 P2 Section: 01	Comments 4815 (So Comments 01 09 09	
Work Date 9/3/2011 9/2/2011 9/1/2011 Network:	Work Code NC-AC BA-AG SB-AG Madras M 011 Us Work	Work Description New Construction - AC Base Course - Aggregate Subbase - Aggregate unicipal Branch: T16MA	Cost 0.00 0.00 0.00 Taxiwa	.50 (Ft) Wid Thickness (in) 2.00 5.00 10.50 ay 16 Madra .50 (Ft) Wid Thickness	Section: 01 Major Comments Comments Surface:AC		
Work Date 9/3/2011 9/2/2011 9/1/2011 Network: L.C.D. 9/3/22	Work Code NC-AC BA-AG SB-AG Madras M 011 Us Work Code	Work Description New Construction - AC Base Course - Aggregate Subbase - Aggregate Subbase - Aggregate Branch: T16MA Se: TAXIWAY Rank: P L Work Description	Cost 0.00 0.00 0.00 Taxiw: ength: 72 Cost	.50 (Ft) Wid Thickness (in) 2.00 5.00 10.50 ay 16 Madra .50 (Ft) Wid Thickness (in)	Section: 01 Major M&R P2 P2 P2 Section: 01 Major M&R Major M&R M&R M&R M&R M&R M&R M&R Major M&R M&R M&R M&R M&R Major M&R M&R	Comments Comments Surface: AC True Area: 4463 (So Comments	
Work Date 9/3/2011 9/2/2011 9/1/2011 Network: L.C.D. 9/3/22 Work Date	Work Code NC-AC BA-AG SB-AG Madras M 011 Us Work	Work Description New Construction - AC Base Course - Aggregate Subbase - Aggregate unicipal Branch: T16MA se: TAXIWAY Rank: P L	Cost 0.00 0.00 0.00 Taxiwa	.50 (Ft) Wid Thickness (in) 2.00 5.00 10.50 ay 16 Madra .50 (Ft) Wid Thickness	Section: 01 Major M&R P2 P2 P2 Section: 01 Major M&R Major M&R M&R Major MAJOR	Comments Comments Surface: AC Ft) True Area: 4463 (So Comments	

10/7/2022		Work History Report	Page 12 of 13
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Branch: T17MA

Network: Madras Municipal

Pavement Database:	ODA WOC	3 10-05-2022	PostDetCurves
	_		-

Taxiway 17 Madra

Section: 01

Surface:AC

L.C.D. 7/1/2020 Use: TAXIWAY Rank: P Length: 160.00 (Ft) Width: 45.00 (Ft) True Area: 10265.00000 (SqFt								
Work Date	Work Code	Work Description	Cost	Thickness (in)	Major M&R	Comments		
7/1/2020	NU-IN	New Construction - Initial	0.00	0.00	V			
Network: Madras Municipal Branch: T17MA Taxiway 17 Madra Section: 02 Surface: AC								

Network: Madras Municipal		Branch: T17MA		Taxiway 17 Madra		Section: 02		Surface:AC			
I	.C.D. 7/1/20	020 Us	se: TAXIWAY	Rank: P L	ength: 4	60.00 (Ft)	Width	h: 35.00) (Ft)	True Area:	23820.00000 (SqFt
,	Work Date	Work Code	Work D	escription	Cost	Thickn (in)		Major M&R	Comments		
7	//1/2020	NU-IN	New Construct	ion - Initial	0.0	0	0.00	<			

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Pavement Database: ODA_WOC3_10-05-2022_PostDetCurves

Summary:

Work Description	Section Count	Area Total (SqFt)	Thickness Avg (in)	Thickness STD (in)
Base Course - Unknown (Major MR)	7	29,619.00	0.00	0.00
Base Course - Aggregate	32	1,639,002.00	5.59	2.06
Base Course - Pulverized AC	2	139,365.00	7.00	1.00
Coat - Tack	1	2,250.00	0.00	0.00
Complete Reconstruction - AC	10	1,097,545.00	2.80	1.33
Crack Seal - Wide Cracks	6	635,903.00	0.00	0.00
Crack Sealing - AC	58	2,657,949.00	0.04	0.05
Geotextile	5	414,093.00	0.00	0.00
New Construction - AC	31	770,064.00	1.97	1.20
New Construction - Initial	4	54,608.00	0.00	0.00
New Construction - PCC	17	111,666.00	2.24	4.04
Overlay - AC Structural	5	189,774.00	2.80	0.40
Overlay - AC Thin	5	13,296.00	2.00	0.00
Patching - AC Deep	8	1,094,114.00	0.00	0.00
Subbase - Aggregate	34	1,332,864.00	8.18	3.55
Subbase - Unknown (Major MR)	3	8,185.00	0.00	0.00
Surface Course - AC	2	55,025.00	2.00	0.00
Surface Seal - Fog Seal	8	750,337.00	0.10	0.00