

# JOSEPH STATE AIRPORT

This report describes how your Pavement Maintenance Management Program (PMMP) was developed. Your Program was developed as part of the Oregon Continuous Aviation System Plan sponsored in part by the Oregon Department of Aviation and the Federal Aviation Administration (FAA). The information and data contained in this report ensures you are in compliance with the requirements of FAA Grant Assurance Number 11 which states that any airport requesting federal funds for pavement improvement projects must have implemented a pavement maintenance management program.

## DATA COLLECTION

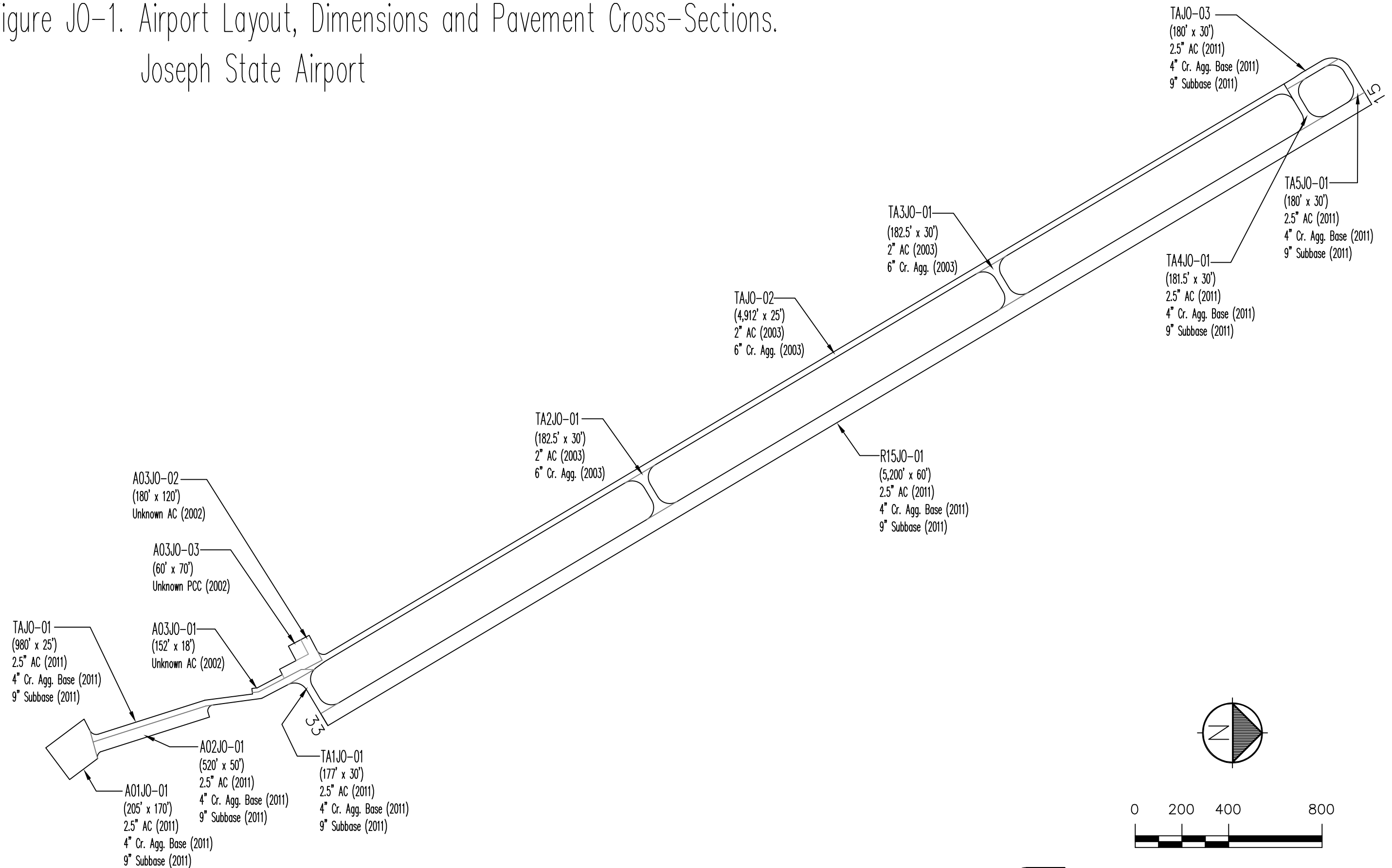
To determine how your pavements were constructed and their age, a records review was conducted. Figure JO-1 shows the records review results. This figure identifies pavement boundaries, dimensions, pavement layer types, thicknesses and dates of construction. The most recent construction date for each pavement can also be found in the Section Condition Report in Appendix 2. Figure JO-1 and the information contained in Appendices 1, 2 and 4 ensure that your airport complies with the “pavement inventory” requirement of FAA’s PMMP guidelines.

The pavements at your airport were divided into branches, sections and sample units in accordance with the methodology outlined in the current edition of ASTM D5430, *Standard Test Method for Airport Condition Index Surveys*. The branches, sections and sample units established at your airport are shown in Figure JO-2. A Branch Condition Report showing all branches, their associated areas, and their area-weighted average condition is provided in Appendix 1. Additionally, the Appendix 2 Section Condition Report provides information used to define each branch and section in the Micro PAVER database.

Using the branch, section and sample unit divisions established, a visual condition survey was conducted at Joseph State Airport in July 2014. During the inspection, pavement defects were identified and measured in accordance with the methodology outlined in ASTM D5430. This inspection ensures your airport complies with the “detailed inspection” requirement of FAA’s PMMP guidelines. After collection, the data were entered into the Micro PAVER software for analysis. These data are reproduced in the Re-Inspection Report attached as Appendix 4.

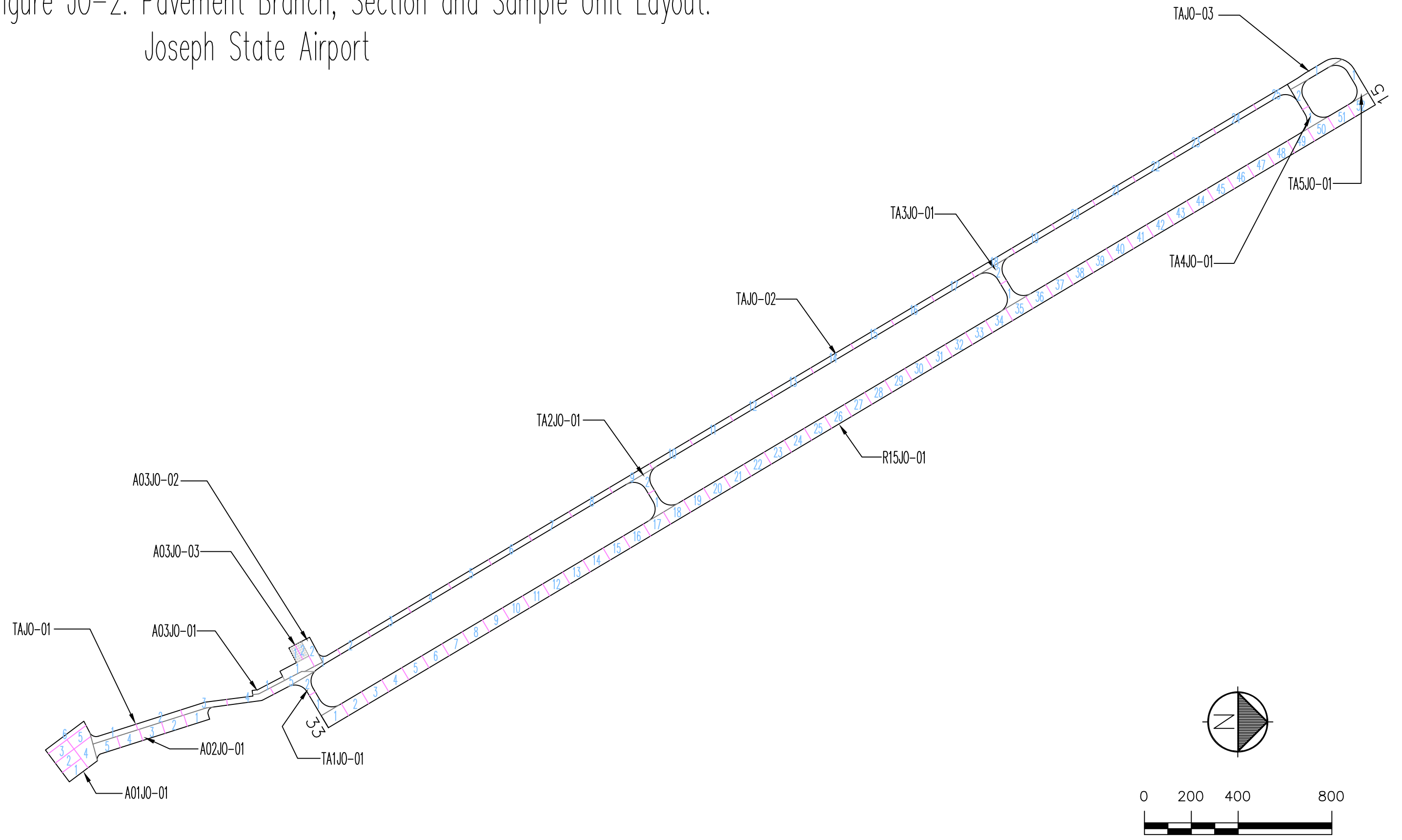
The Micro PAVER database updated during this project ensures your airport complies with the “record keeping and information retrieval” requirements of FAA’s PMMP guidelines.

Figure JO-1. Airport Layout, Dimensions and Pavement Cross-Sections.  
Joseph State Airport



Drawing Date: July 2014

Figure J0-2. Pavement Branch, Section and Sample Unit Layout.  
Joseph State Airport



Drawing Date: July 2014

## RESULTS

Using the data collected during the visual inspection, the Micro PAVER software was used to calculate an area-weighted average Pavement Condition Index (PCI) for each pavement section inspected using the sample units evaluated. Using each section's PCI, a Pavement Condition Rating (PCR) was assigned. The PCIs measured during this inspection are shown in Table 1. The table also contains PCIs from past inspections as well as projected PCIs for 2019 and 2024. The projections were based on pavement deterioration models developed by Micro PAVER using the inspection data from other pavements in the same airport category as your airport, located in the same climatic region, and with the same surface type and use.

The Branch Condition Report in Appendix 1 summarizes current pavement condition by branch while the Section Condition Report in Appendix 2 lists pavement condition by section. The current PCR is shown graphically in Figure JO-3.

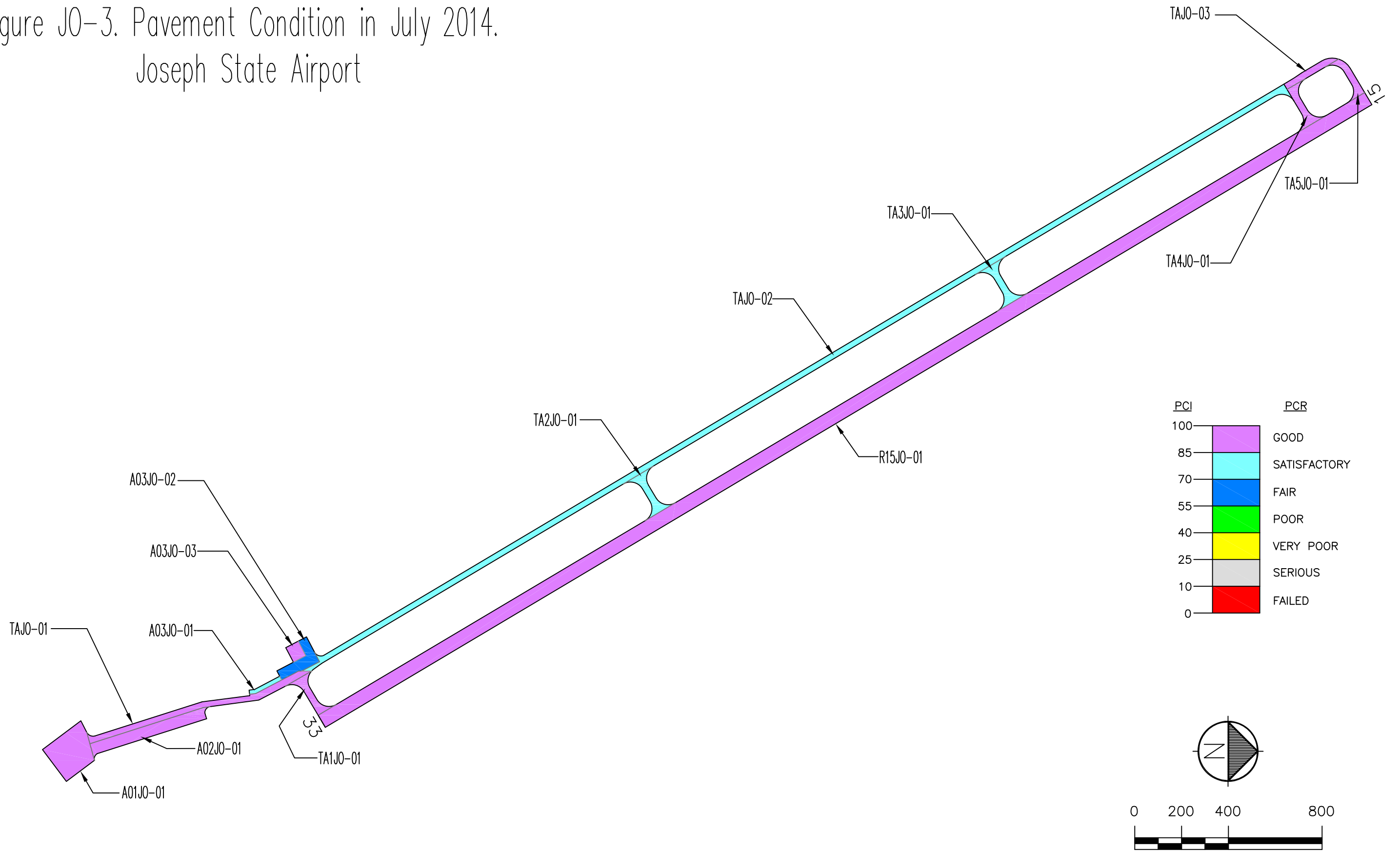
**Table 1. Past, Present and Future Pavement Condition Indices.**

Branch	Section	Inspections			Forecast	
		2006	2011*	2014	2019	2024
A01JO	1	85	---	100	88	78
A02JO	1	86	---	100	88	78
A03JO	1	73	---	72	66	60
A03JO	2	74	---	62	57	52
A03JO	3	94	---	97	83	70
R15JO	1	82	---	100	87	76
TA1JO	1	100	---	100	90	78
TA2JO	1	100	---	76	73	68
TA3JO	1	100	---	73	69	58
TA4JO	1	39	---	100	90	78
TA5JO	1	39	---	100	90	78
TAJO	1	82	---	100	90	78
TAJO	2	100	---	72	66	52
TAJO	3	39	---	100	90	78

\* Not inspected in 2011

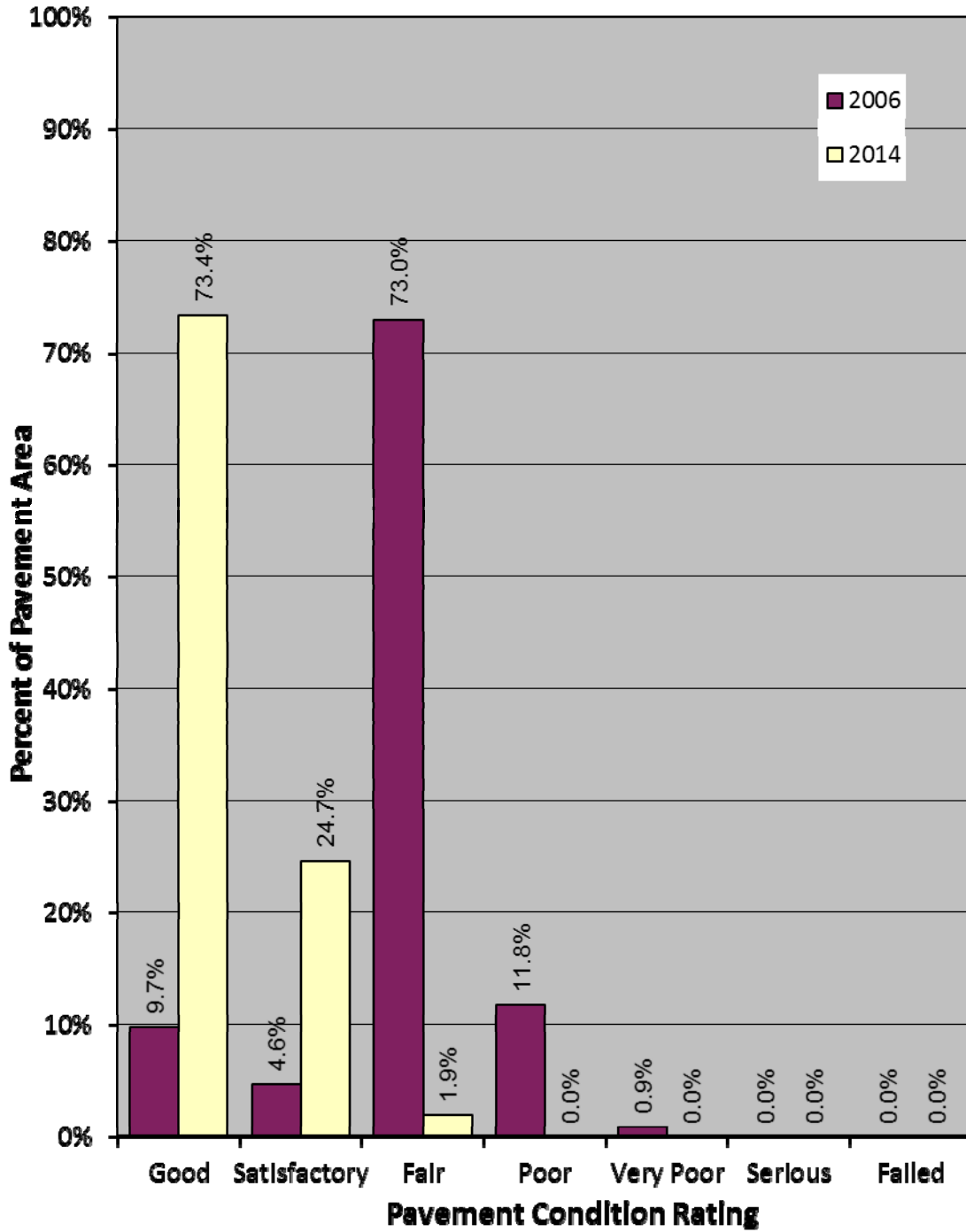
Section PCIs at Joseph State Airport range from a low of 62 (a PCR of "Fair") to a high of 100 (a PCR of "Good"). The area-weighted average PCI for all airport pavements is 92, corresponding to an overall PCR of "Good". Figure JO-4 shows how much pavement area is associated with each Pavement Condition Rating category and also shows pavement condition distribution from the inspection conducted in 2006. Joseph State Airport was not inspected in 2011.

Figure J0-3. Pavement Condition in July 2014.  
Joseph State Airport



Drawing Date: July 2014

**Figure JO-4. Distribution of Pavement Condition  
Joseph State Airport**



The primary distresses observed during the inspection of asphalt concrete pavements were: longitudinal and transverse cracking, weathering and alligator cracking, with an isolated occurrence of raveling. The primary distresses observed during the inspection of portland cement concrete pavements were corner spalls and joint spalls.

A graphical representation of the projected PCIs listed in Table 1 is shown in Figure JO-5.

## RECOMMENDATIONS

Data collected during the visual condition survey were used by the Micro PAVER software to generate the Network Maintenance Report contained in Appendix 3. This report identifies, for each pavement section, the recommended localized maintenance activities (i.e.-crack sealing, patching) that should be completed to repair the defects observed during the visual inspection. The repair quantities identified in the report were extrapolated to cover the entire pavement section, based on the distresses measured in the inspected sample units. If the repair activities identified are completed, the pavement deterioration rate will be slowed.

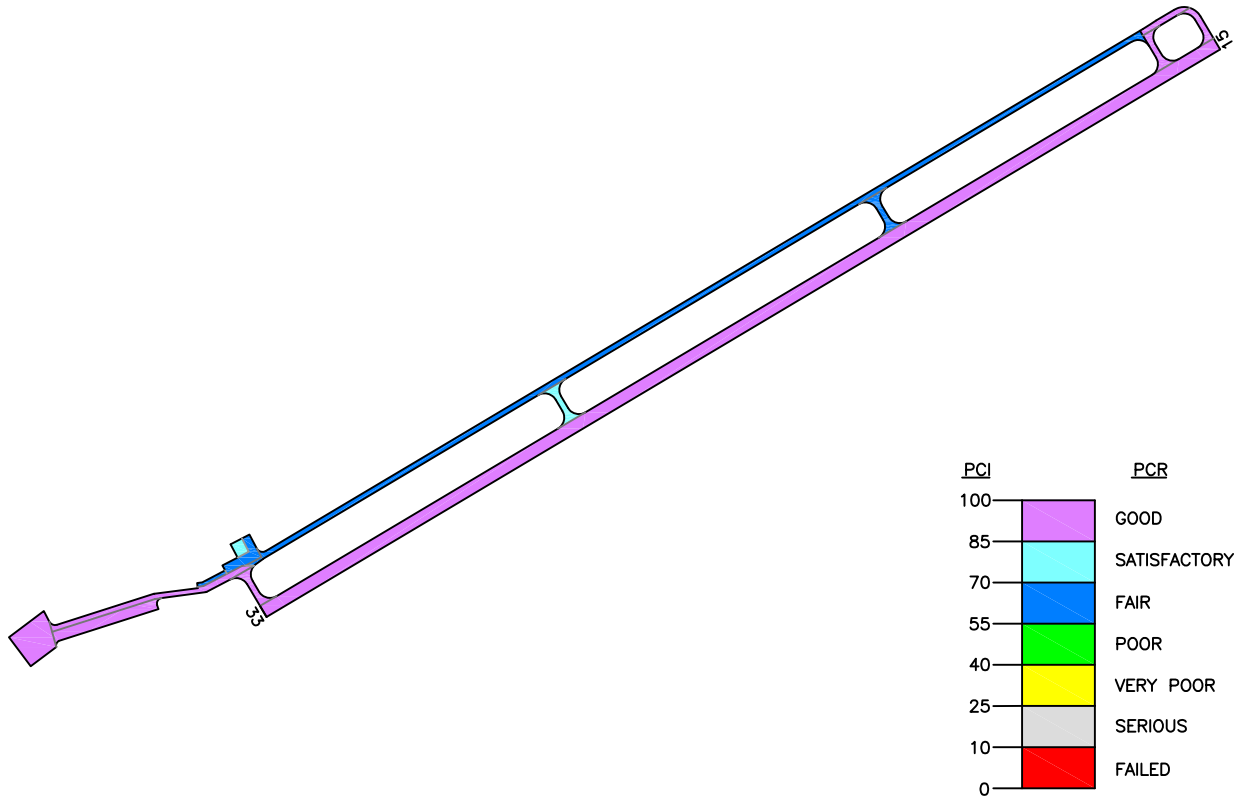
The recommended localized maintenance activities to be applied are selected by the Micro PAVER software based on a Distress Maintenance Policy established for the Oregon airport system. The report results indicate that, over your entire airport, the following quantities of localized maintenance are needed:

- 4,496 linear feet of asphalt concrete crack sealing
- 92 square feet of deep (full-depth) asphalt concrete patching

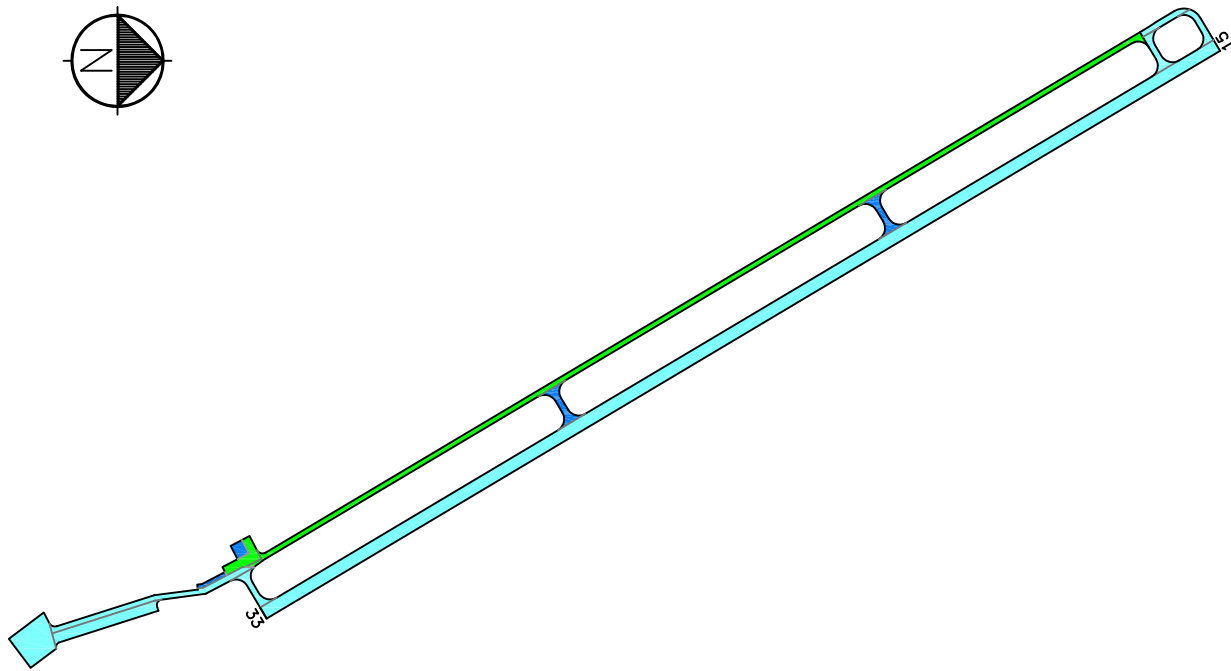
The Micro PAVER software can also identify and schedule recommended global (applied over an entire section) maintenance activities such as fog seals, slurry seals and other surface treatments, as well as major rehabilitation activities such as asphalt concrete overlays and complete reconstruction. Micro PAVER schedules global maintenance on a user-defined interval. To schedule major rehabilitation Micro PAVER uses pavement deterioration models developed during this project. These models are used to estimate future pavement condition and to schedule rehabilitation based on a trigger PCI.

During this project a 5-year program outlining recommended global maintenance and rehabilitation was developed. The program begins in the year 2015 to allow time for project development. These recommendations are presented in Table 2, which identifies the pavement section requiring rehabilitation, the year the action should be completed, the type of action, and an associated cost. This information is also presented graphically in Figure JO-6.

### Predicted Condition in 2019.



### Predicted Condition in 2024.



Drawing Date: July 2014

 PAVEMENT CONSULTANTS INC.

Figure JO-5. Future Pavement Condition.



**Table 2. Five-Year Global Maintenance and Rehabilitation Plan.**

Year	Branch	Section	Action	Area (sf)	Unit Cost (\$/sf)	Total Cost (\$)
2015	A03JO	1	Slurry Seal	2,661	\$0.20	\$532
2015	A03JO	2	Slurry Seal	11,259	\$0.20	\$2,252
2015	TA2JO	1	Slurry Seal	8,565	\$0.20	\$1,713
2015	TA3JO	1	Slurry Seal	8,565	\$0.20	\$1,713
2015	TAJO	2	Slurry Seal	123,788	\$0.20	\$24,758
2015 Total						\$30,968
2017	A01JO	1	Fog Seal	30,902	\$0.11	\$3,399
2017	A02JO	1	Fog Seal	25,724	\$0.11	\$2,830
2017	R15JO	1	Fog Seal	312,000	\$0.11	\$34,320
2017	TA1JO	1	Fog Seal	7,492	\$0.11	\$824
2017	TA4JO	1	Fog Seal	7,785	\$0.11	\$856
2017	TA5JO	1	Fog Seal	6,462	\$0.11	\$711
2017	TAJO	1	Fog Seal	25,802	\$0.11	\$2,838
2017	TAJO	3	Fog Seal	6,790	\$0.11	\$747
2017 Total						\$46,525
<b>TOTAL</b>						<b>\$77,493</b>

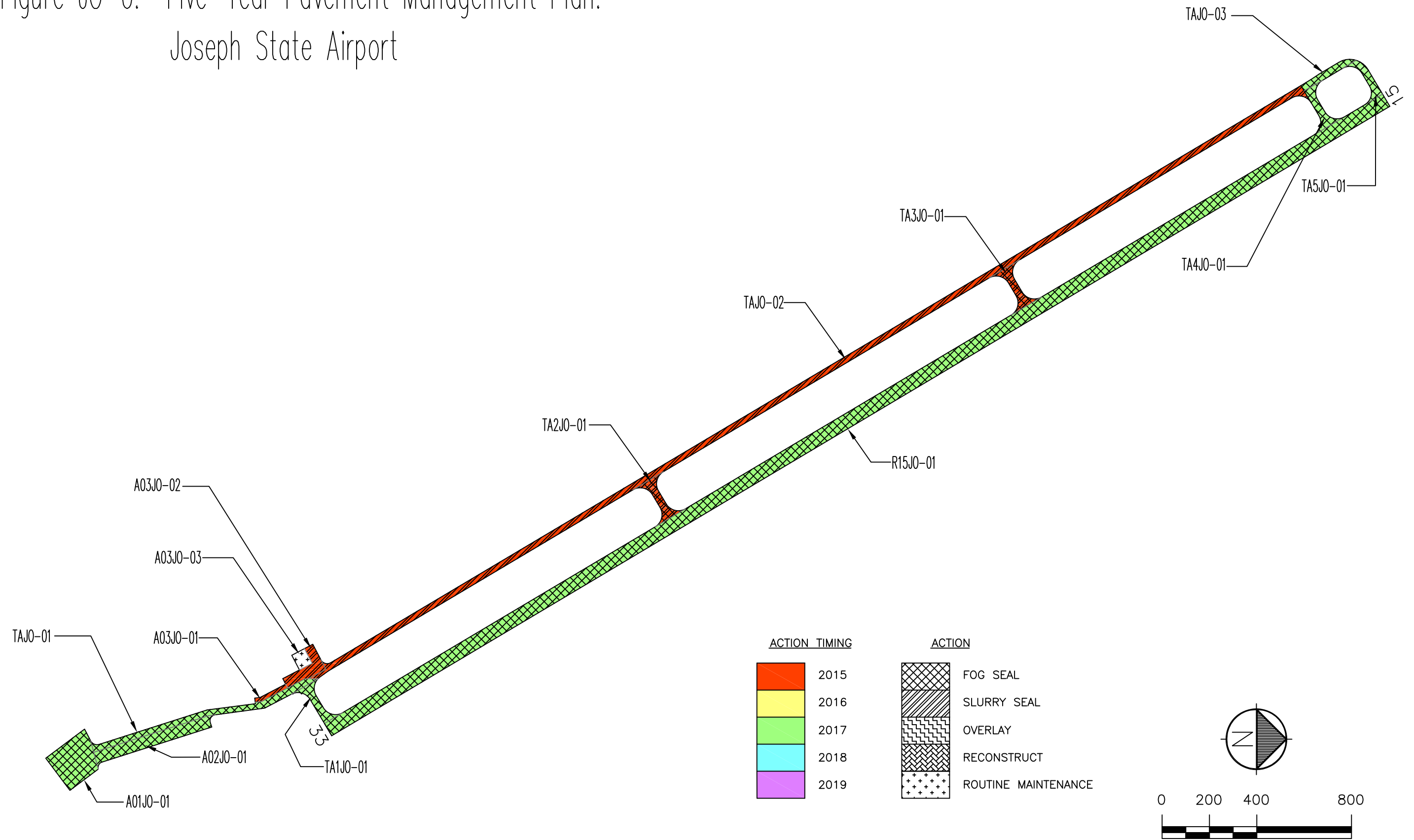
If the global maintenance and/or rehabilitation activities recommended in Table 2 are not completed, the localized maintenance activities identified in the Network Maintenance Report (Appendix 3) for that section should be done. Additionally, for those sections not listed in Table 2 as requiring global maintenance or rehabilitation, the localized maintenance activities outlined in the Network Maintenance Report should be completed. By completing the localized maintenance activities, pavement condition is improved, life is extended, deterioration is slowed and the length of time until major repair or rehabilitation is required is increased.

## **INSPECTION SCHEDULE**

To comply with the inspection schedule requirement of FAA Grant Assurance Number 11, a detailed visual inspection should be conducted every 3 years using the methodology described in ASTM D5430. The next scheduled detailed visual inspection should take place in 2017.

In addition, the FAA requires that a drive-by inspection be conducted monthly to detect unforeseen changes in pavement condition. The results of each drive-by inspection should be recorded and kept in a file. At a minimum, the date of the inspection and an indication of any maintenance performed since the last drive-by inspection should be recorded.

Figure JO-6. Five-Year Pavement Management Plan.  
Joseph State Airport



Drawing Date: July 2014

# **Appendix 1**

## **Branch Condition Report**

Date: 11 /10/2014

**Branch Condition Report**

1 of 2

Pavement Database: ODA2014 NetworkID: Joseph

Branch ID	Number of Sections	Sum Section Length (Ft)	Avg Section Width (Ft)	True Area (SqFt)	Use	Average PCI	PCI Standard Deviation	Weighted Average PCI
A01JO (Apron 01 Joseph)	1	205.00	164.00	30,902.00	APRON	100.00	0.00	100.00
A02JO (Apron 02 Joseph)	1	520.00	50.00	25,724.00	APRON	100.00	0.00	100.00
A03JO (Apron 03 Joseph)	3	392.00	69.33	18,120.00	APRON	77.00	14.72	71.58
R15JO (Runway 15/33 Joseph)	1	5,200.00	60.00	312,000.01	RUNWAY	100.00	0.00	100.00
TA1JO (Taxiway A1 Joseph)	1	177.00	30.00	7,492.00	TAXIWAY	100.00	0.00	100.00
TA2JO (Taxiway A2 Joseph)	1	182.50	30.00	8,565.00	TAXIWAY	76.00	0.00	76.00
TA3JO (Taxiway A3 Joseph)	1	182.50	30.00	8,565.00	TAXIWAY	73.00	0.00	73.00
TA4JO (Taxiway A4 Joseph)	1	181.50	30.00	7,785.00	TAXIWAY	100.00	0.00	100.00
TA5JO (Taxiway A5 Joseph)	1	180.00	30.00	6,462.00	TAXIWAY	100.00	0.00	100.00
TAJO (Taxiway A Joseph)	3	6,142.00	26.67	156,380.00	TAXIWAY	90.67	13.20	77.84

<b>Use Category</b>	<b>Number of Sections</b>	<b>Total Area (SqFt)</b>	<b>Arithmetic Average PCI</b>	<b>Average PCI STD.</b>	<b>Weighted Average PCI</b>
APRON	5	74,746.00	86.20	16.03	93.11
RUNWAY	1	312,000.01	100.00	0.00	100.00
TAXIWAY	8	195,249.00	90.13	12.79	80.01
<b>All</b>	<b>14</b>	<b>581,995.01</b>	<b>89.43</b>	<b>14.04</b>	<b>92.41</b>

**Appendix 2**  
**Section Condition Report**

Date: 11 /10/2014

**Section Condition Report**

1 of 2

Pavement Database: ODA2014 NetworkID: Joseph

Branch ID	Section ID	Last Const. Date	Surface	Use	Rank	Lanes	True Area (SqFt)	Last Inspection Date	Age At Inspection	PCI
A01JO (Apron 01 Joseph)	01	09/03/2011	AC	APRON	P	0	30,902.00	07/06/2014	3	100.00
A02JO (Apron 02 Joseph)	01	09/03/2011	AC	APRON	P	0	25,724.00	07/06/2014	3	100.00
A03JO (Apron 03 Joseph)	01	08/01/2002	AC	APRON	S	0	2,661.00	07/06/2014	12	72.00
A03JO (Apron 03 Joseph)	02	08/01/2002	AC	APRON	S	0	11,259.00	07/04/2014	12	62.00
A03JO (Apron 03 Joseph)	03	08/01/2002	PCC	APRON	S	0	4,200.00	07/06/2014	12	97.00
R15JO (Runway 15/33 Joseph)	01	09/03/2011	AC	RUNWAY	P	0	312,000.01	07/06/2014	3	100.00
TA1JO (Taxiway A1 Joseph)	01	09/03/2011	AC	TAXIWAY	P	0	7,492.00	07/06/2014	3	100.00
TA2JO (Taxiway A2 Joseph)	01	09/30/2003	AC	TAXIWAY	P	0	8,565.00	07/06/2014	11	76.00
TA3JO (Taxiway A3 Joseph)	01	09/30/2003	AC	TAXIWAY	P	0	8,565.00	07/06/2014	11	73.00
TA4JO (Taxiway A4 Joseph)	01	09/03/2011	AC	TAXIWAY	P	0	7,785.00	07/06/2014	3	100.00
TA5JO (Taxiway A5 Joseph)	01	09/03/2011	AC	TAXIWAY	P	0	6,462.00	07/06/2014	3	100.00
TAJO (Taxiway A Joseph)	01	09/03/2011	AC	TAXIWAY	P	0	25,802.00	07/06/2014	3	100.00
TAJO (Taxiway A Joseph)	02	09/30/2003	AC	TAXIWAY	P	0	123,788.00	07/06/2014	11	72.00
TAJO (Taxiway A Joseph)	03	09/03/2011	AC	TAXIWAY	P	0	6,790.00	07/06/2014	3	100.00

<b>Age Category</b>	<b>Average Age At Inspection</b>	<b>Total Area (SqFt)</b>	<b>Number of Sections</b>	<b>Arithmetic Average PCI</b>	<b>PCI Standard Deviation</b>	<b>Weighted Average PCI</b>
03-05	<b>3.00</b>	<b>422,957.01</b>	<b>8</b>	<b>100.00</b>	<b>0.00</b>	<b>100.00</b>
11-15	<b>11.50</b>	<b>159,038.00</b>	<b>6</b>	<b>75.33</b>	<b>10.61</b>	<b>72.22</b>
<b>All</b>	<b>6.64</b>	<b>581,995.01</b>	<b>14</b>	<b>89.43</b>	<b>14.04</b>	<b>92.41</b>



**Appendix 3**  
**Network Maintenance Report**

**Network Maintenance Report 2014**  
**Joseph State Airport**

Network	Branch	Section	Distress	Severity	Action	Maint. Quantity	Unit	Unit Cost	Work Cost	Section Total Cost
Joseph	A03JO	1	L & T CR	M	Crack Sealing - AC	112	Ft	\$1.20	\$134	\$134
Joseph	A03JO	2	L & T CR	M	Crack Sealing - AC	153	Ft	\$1.20	\$183	\$2,019
Joseph	A03JO	2	ALLIGATOR CR	M	Patching - AC Deep	92	SqFt	\$20.00	\$1,836	
Joseph	TA2JO	1	L & T CR	M	Crack Sealing - AC	280	Ft	\$1.20	\$336	\$336
Joseph	TA3JO	1	L & T CR	M	Crack Sealing - AC	333	Ft	\$1.20	\$400	\$400
Joseph	TAJO	2	L & T CR	M	Crack Sealing - AC	3,619	Ft	\$1.20	\$4,342	\$4,342
									TOTAL	\$7,231

**Appendix 4**  
**Re-Inspection Report**

# Re-inspection Report

ODA2014

Report Generated Date: November 10, 2014

Network: Joseph Name: Joseph State

Branch: A01JO Name: Apron 01 Joseph Use: APRON Area: 30,902.00SqFt

Section: 01 of 1 From: End To: TAJ0-01 Last Const.: 09/03/2011  
Surface: AC Family: OR-Cat4-AC-East-AP-2014 Zone: 4S3 Category: O Rank: P  
Area: 30,902.00SqFt Length: 205.00Ft Width: 164.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 07/06/2014 Total Samples: 6 Surveyed: 4

Conditions: PCI : 100

Inspection Comments:

Sample Number: 01 Type: R Area: 5,000.00SqFt PCI = 100

Sample Comments:  
<NO DISTRESSES>

Sample Number: 02 Type: R Area: 5,000.00SqFt PCI = 100

Sample Comments:  
<NO DISTRESSES>

Sample Number: 03 Type: R Area: 5,000.00SqFt PCI = 100

Sample Comments:  
<NO DISTRESSES>

Sample Number: 04 Type: R Area: 6,989.00SqFt PCI = 100

Sample Comments:  
<NO DISTRESSES>

# Re-inspection Report

ODA2014

Report Generated Date: November 10, 2014

Network: Joseph Name: Joseph State

Branch: A02JO Name: Apron 02 Joseph Use: APRON Area: 25,724.00SqFt

Section: 01 of 1 From: A01JO-01 To: TAJO-01 Last Const.: 09/03/2011  
Surface: AC Family: OR-Cat4-AC-East-AP-2014 Zone: 4S3 Category: O Rank: P  
Area: 25,724.00SqFt Length: 520.00Ft Width: 50.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 07/06/2014 Total Samples: 5 Surveyed: 4

Conditions: PCI : 100

Inspection Comments:

Sample Number: 01 Type: R Area: 5,200.00SqFt PCI = 100

Sample Comments:  
<NO DISTRESSES>

Sample Number: 03 Type: R Area: 5,000.00SqFt PCI = 100

Sample Comments:  
<NO DISTRESSES>

Sample Number: 04 Type: R Area: 5,000.00SqFt PCI = 100

Sample Comments:  
<NO DISTRESSES>

Sample Number: 05 Type: R Area: 5,524.00SqFt PCI = 100

Sample Comments:  
<NO DISTRESSES>

# Re-inspection Report

ODA2014

Report Generated Date: November 10, 2014

Network: Joseph Name: Joseph State

Branch: A03JO Name: Apron 03 Joseph Use: APRON Area: 18,120.00SqFt

Section: 01 of 3 From: TAJO-01 To: A03JO-02 Last Const.: 08/01/2002  
Surface: AC Family: OR-Cat4-AC-East-AP-2014 Zone: 4S3 Category: O Rank: S  
Area: 2,661.00SqFt Length: 152.00Ft Width: 18.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 07/06/2014 Total Samples: 1 Surveyed: 1

Conditions: PCI : 72

Inspection Comments:

Sample Number: 01 Type: R Area: 3,574.00SqFt PCI = 72

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 150.00 Ft Comments:  
57 WEATHERING M 3,574.00 SqFt Comments:

# Re-inspection Report

ODA2014

Report Generated Date: November 10, 2014

Network: Joseph Name: Joseph State

Branch: A03JO Name: Apron 03 Joseph Use: APRON Area: 18,120.00SqFt

Section: 02 of 3 From: A03JO-01 To: TAJO-02 Last Const.: 08/01/2002  
Surface: AC Family: OR-Cat4-AC-East-AP-2014 Zone: 4S3 Category: O Rank: S  
Area: 11,259.00SqFt Length: 180.00Ft Width: 120.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 07/04/2014 Total Samples: 2 Surveyed: 2

Conditions: PCI: 62

Inspection Comments:

Sample Number: 01 Type: R Area: 6,985.00SqFt PCI = 57

Sample Comments:

41 ALLIGATOR CRACKING	M	60.00 SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	150.00 Ft	Comments:
52 RAVELING	L	6,985.00 SqFt	Comments:

Sample Number: 02 Type: R Area: 4,800.00SqFt PCI = 69

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	M	10.00 Ft	Comments:
52 RAVELING	L	4,800.00 SqFt	Comments:

# Re-inspection Report

ODA2014

Report Generated Date: November 10, 2014

Network: Joseph Name: Joseph State

Branch: A03JO Name: Apron 03 Joseph Use: APRON Area: 18,120.00SqFt

Section: 03 of 3 From: A03JO-02 To: A03JO-02 Last Const.: 08/01/2002  
Surface: PCC Family: OR-Cat4-PCC-East-AP-2014 Zone: 4S3 Category: O Rank: S  
Area: 4,200.00SqFt Length: 60.00Ft Width: 70.00Ft  
Slabs: 42 Slab Width: 10.00Ft Slab Length: 10.00Ft Joint Length: 710.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 07/06/2014 Total Samples: 2 Surveyed: 2

Conditions: PCI : 97

Inspection Comments:

Sample Number: 01 Type: R Area: 21.00Slabs PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 02 Type: R Area: 21.00Slabs PCI = 95

Sample Comments:

75 CORNER SPALLING L 1.00 Slabs Comments:  
74 JOINT SPALLING L 2.00 Slabs Comments:



# Re-inspection Report

ODA2014

Report Generated Date: November 10, 2014

Network: Joseph Name: Joseph State

Branch: R15JO Name: Runway 15/33 Joseph Use: RUNWAY Area: 312,000.01SqFt

Section: 01 of 1 From: TA1JO To: TA5JO Last Const.: 09/03/2011  
Surface: AC Family: OR-Cat4-AC-East-RW-2014 Zone: 4S3 Category: O Rank: P  
Area: 312,000.01SqFt Length: 5,200.00Ft Width: 60.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 07/06/2014 Total Samples: 52 Surveyed: 6

Conditions: PCI: 100

Inspection Comments:

Sample Number: 01 Type: R Area: 6,000.00SqFt PCI = 100

Sample Comments:  
<NO DISTRESSES>

Sample Number: 10 Type: R Area: 6,000.00SqFt PCI = 100

Sample Comments:  
<NO DISTRESSES>

Sample Number: 19 Type: R Area: 6,000.00SqFt PCI = 100

Sample Comments:  
<NO DISTRESSES>

Sample Number: 28 Type: R Area: 6,000.00SqFt PCI = 100

Sample Comments:  
<NO DISTRESSES>

Sample Number: 37 Type: R Area: 6,000.00SqFt PCI = 100

Sample Comments:  
<NO DISTRESSES>

Sample Number: 46 Type: R Area: 6,000.00SqFt PCI = 100

Sample Comments:  
<NO DISTRESSES>

# Re-inspection Report

ODA2014

Report Generated Date: November 10, 2014

Network: Joseph Name: Joseph State

Branch: TA1JO Name: Taxiway A1 Joseph Use: TAXIWAY Area: 7,492.00SqFt

Section: 01 of 1 From: TAJ0-02 To: R15JO Last Const.: 09/03/2011  
Surface: AC Family: OR-Cat4-AC-East-TW-2014 Zone: 4S3 Category: O Rank: P  
Area: 7,492.00SqFt Length: 177.00Ft Width: 30.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 07/06/2014 Total Samples: 2 Surveyed: 2

Conditions: PCI : 100

Inspection Comments:

Sample Number: 01 Type: R Area: 3,719.00SqFt PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 02 Type: R Area: 3,772.00SqFt PCI = 100

Sample Comments:

<NO DISTRESSES>

# Re-inspection Report

ODA2014

Report Generated Date: November 10, 2014

Network: Joseph Name: Joseph State

Branch: TA2JO Name: Taxiway A2 Joseph Use: TAXIWAY Area: 8,565.00SqFt

Section: 01 of 1 From: TAJ0-02 To: R15JO Last Const.: 09/30/2003  
Surface: AC Family: OR-Cat4-AC-East-TW-2014 Zone: 4S3 Category: O Rank: P  
Area: 8,565.00SqFt Length: 182.50Ft Width: 30.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 07/06/2014 Total Samples: 2 Surveyed: 2

Conditions: PCI : 76

Inspection Comments:

Sample Number: 01 Type: R Area: 4,545.00SqFt PCI = 85

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 35.00 Ft Comments:

57 WEATHERING L 4,545.00 SqFt Comments:

Sample Number: 02 Type: R Area: 4,020.00SqFt PCI = 66

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 245.00 Ft Comments:

57 WEATHERING L 4,020.00 SqFt Comments:

# Re-inspection Report

ODA2014

Report Generated Date: November 10, 2014

Network: Joseph Name: Joseph State

Branch: TA3JO Name: Taxiway A3 Joseph Use: TAXIWAY Area: 8,565.00SqFt

Section: 01 of 1 From: TAJ0-02 To: R15JO Last Const.: 09/30/2003  
Surface: AC Family: OR-Cat4-AC-East-TW-2014 Zone: 4S3 Category: O Rank: P  
Area: 8,565.00SqFt Length: 182.50Ft Width: 30.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 07/06/2014 Total Samples: 2 Surveyed: 2

Conditions: PCI : 73

Inspection Comments:

Sample Number: 01 Type: R Area: 4,545.00SqFt PCI = 74

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 160.00 Ft Comments:

57 WEATHERING L 4,545.00 SqFt Comments:

Sample Number: 02 Type: R Area: 4,020.00SqFt PCI = 71

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 173.00 Ft Comments:

57 WEATHERING L 4,020.00 SqFt Comments:

# Re-inspection Report

ODA2014

Report Generated Date: November 10, 2014

---

Network: Joseph      Name: Joseph State

---

Branch: TA4JO      Name: Taxiway A4 Joseph      Use: TAXIWAY      Area: 7,785.00SqFt

---

Section: 01      of 1      From: TAJ0-02      To: R15JO      Last Const.: 09/03/2011  
Surface: AC      Family: OR-Cat4-AC-East-TW-2014      Zone: 4S3      Category: O Rank: P  
Area: 7,785.00SqFt      Length: 181.50Ft      Width: 30.00Ft  
Shoulder:      Street Type:      Grade: 0.00      Lanes: 0

Section Comments:

---

Last Insp. Date: 07/06/2014 Total Samples: 2      Surveyed: 2

Conditions: PCI : 100

Inspection Comments:

---

Sample Number: 01      Type: R      Area: 3,982.00SqFt      PCI = 100

Sample Comments:

<NO DISTRESSES>

---

Sample Number: 02      Type: R      Area: 3,802.00SqFt      PCI = 100

Sample Comments:

<NO DISTRESSES>

# Re-inspection Report

ODA2014

Report Generated Date: November 10, 2014

---

Network: Joseph Name: Joseph State

---

Branch: TA5JO Name: Taxiway A5 Joseph Use: TAXIWAY Area: 6,462.00SqFt

---

Section: 01 of 1 From: TAJ0-03 To: R15JO Last Const.: 09/03/2011  
Surface: AC Family: OR-Cat4-AC-East-TW-2014 Zone: 4S3 Category: O Rank: P  
Area: 6,462.00SqFt Length: 180.00Ft Width: 30.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

---

Last Insp. Date: 07/06/2014 Total Samples: 1 Surveyed: 1

Conditions: PCI : 100

Inspection Comments:

---

Sample Number: 01 Type: R Area: 6,462.00SqFt PCI = 100

Sample Comments:

<NO DISTRESSES>

# Re-inspection Report

ODA2014

Report Generated Date: November 10, 2014

Network: Joseph Name: Joseph State

Branch: TAJO Name: Taxiway A Joseph Use: TAXIWAY Area: 156,380.00SqFt

Section: 01 of 3 From: A01JO To: TAJO-02 Last Const.: 09/03/2011  
Surface: AC Family: OR-Cat4-AC-East-TW-2014 Zone: 4S3 Category: O Rank: P  
Area: 25,802.00SqFt Length: 980.00Ft Width: 25.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 07/06/2014 Total Samples: 5 Surveyed: 4

Conditions: PCI : 100

Inspection Comments:

Sample Number: 01 Type: R Area: 5,213.00SqFt PCI = 100

Sample Comments:  
<NO DISTRESSES>

Sample Number: 02 Type: R Area: 5,000.00SqFt PCI = 100

Sample Comments:  
<NO DISTRESSES>

Sample Number: 03 Type: R Area: 5,000.00SqFt PCI = 100

Sample Comments:  
<NO DISTRESSES>

Sample Number: 04 Type: R Area: 5,379.00SqFt PCI = 100

Sample Comments:  
<NO DISTRESSES>

# Re-inspection Report

ODA2014

Report Generated Date: November 10, 2014

Network: Joseph Name: Joseph State

Branch: TAJO Name: Taxiway A Joseph Use: TAXIWAY Area: 156,380.00SqFt

Section: 02 of 3 From: A03JO-02 To: TA4JO Last Const.: 09/30/2003  
Surface: AC Family: OR-Cat4-AC-East-TW-2014 Zone: 4S3 Category: O Rank: P  
Area: 123,788.00SqFt Length: 4,912.00Ft Width: 25.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 07/06/2014 Total Samples: 25 Surveyed: 6

Conditions: PCI: 72

Inspection Comments:

Sample Number: 04 Type: R Area: 5,000.00SqFt PCI = 90  
Sample Comments:  
57 WEATHERING L 5,000.00 SqFt Comments:  
48 LONGITUDINAL/TRANSVERSE CRACKING M 7.00 Ft Comments:

Sample Number: 09 Type: R Area: 5,000.00SqFt PCI = 72  
Sample Comments:  
57 WEATHERING L 5,000.00 SqFt Comments:  
48 LONGITUDINAL/TRANSVERSE CRACKING M 200.00 Ft Comments:

Sample Number: 12 Type: R Area: 5,000.00SqFt PCI = 72  
Sample Comments:  
57 WEATHERING L 5,000.00 SqFt Comments:  
48 LONGITUDINAL/TRANSVERSE CRACKING M 210.00 Ft Comments:

Sample Number: 17 Type: R Area: 5,000.00SqFt PCI = 73  
Sample Comments:  
57 WEATHERING L 5,000.00 SqFt Comments:  
48 LONGITUDINAL/TRANSVERSE CRACKING M 180.00 Ft Comments:

Sample Number: 21 Type: R Area: 5,000.00SqFt PCI = 72  
Sample Comments:  
57 WEATHERING L 5,000.00 SqFt Comments:  
48 LONGITUDINAL/TRANSVERSE CRACKING M 205.00 Ft Comments:

Sample Number: 24 Type: R Area: 5,000.00SqFt PCI = 51  
Sample Comments:  
57 WEATHERING L 5,000.00 SqFt Comments:  
41 ALLIGATOR CRACKING L 200.00 SqFt Comments:  
48 LONGITUDINAL/TRANSVERSE CRACKING L 75.00 Ft Comments:  
48 LONGITUDINAL/TRANSVERSE CRACKING M 75.00 Ft Comments:



# Re-inspection Report

ODA2014

Report Generated Date: November 10, 2014

---

Network: Joseph      Name: Joseph State

---

Branch: TAJO      Name: Taxiway A Joseph      Use: TAXIWAY      Area: 156,380.00SqFt

---

Section: 03      of 3      From: TA4JO      To: TA5JO      Last Const.: 09/03/2011  
Surface: AC      Family: OR-Cat4-AC-East-TW-2014      Zone: 4S3      Category: O Rank: P  
Area: 6,790.00SqFt      Length: 250.00Ft      Width: 30.00Ft  
Shoulder:      Street Type:      Grade: 0.00      Lanes: 0

Section Comments:

---

Last Insp. Date: 07/06/2014 Total Samples: 1      Surveyed: 1

Conditions: PCI : 100

Inspection Comments:

---

Sample Number: 01      Type: R      Area: 6,790.00SqFt      PCI = 100

Sample Comments:

<NO DISTRESSES>