

# LEXINGTON 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 LX-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 LX-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 LX-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 Lexington 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 LX-1. Airport Layout, Dimensions and Pavement Cross-Sections.  
Lexington Airport

Drawing Date: July 2014

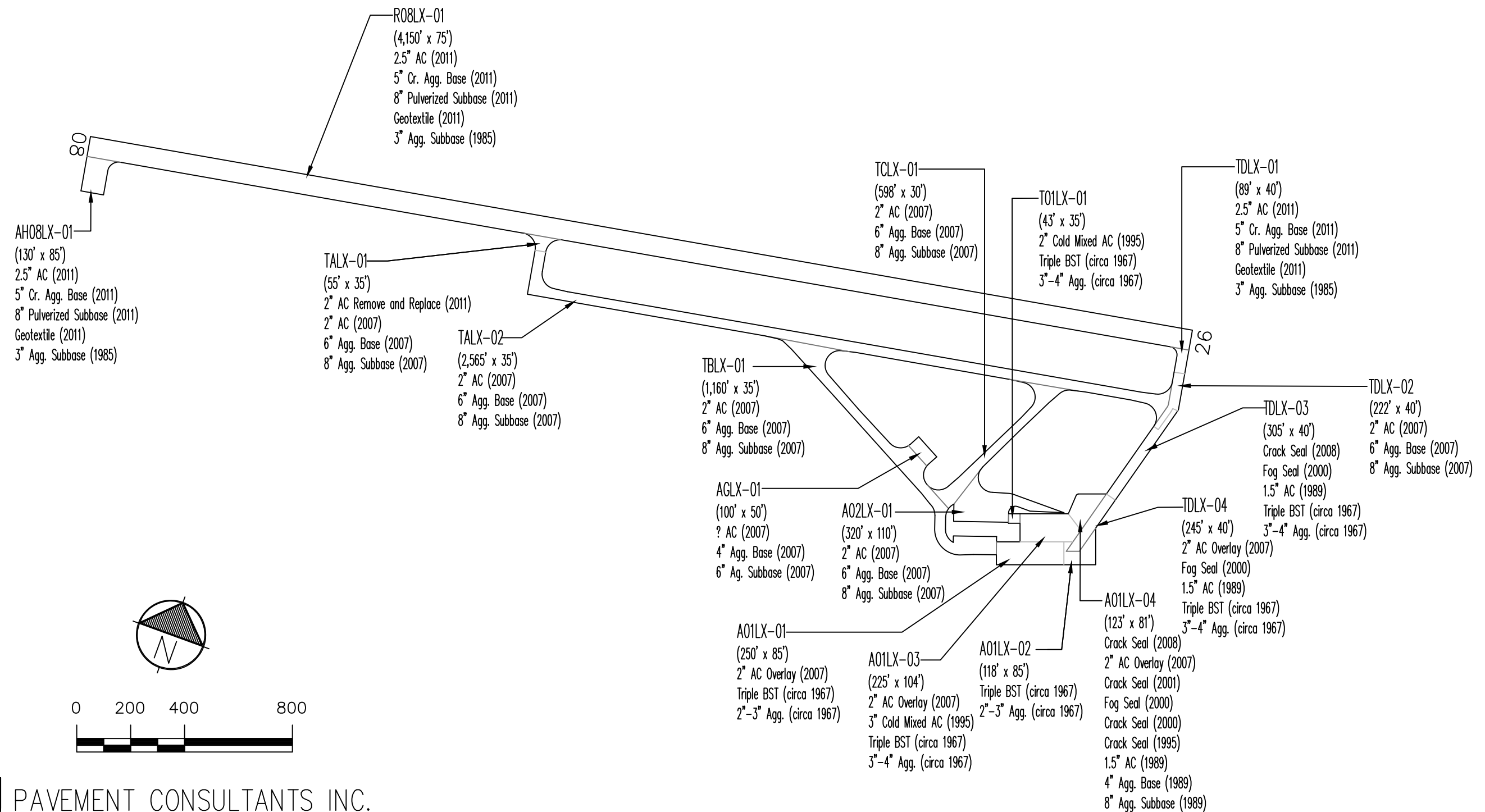
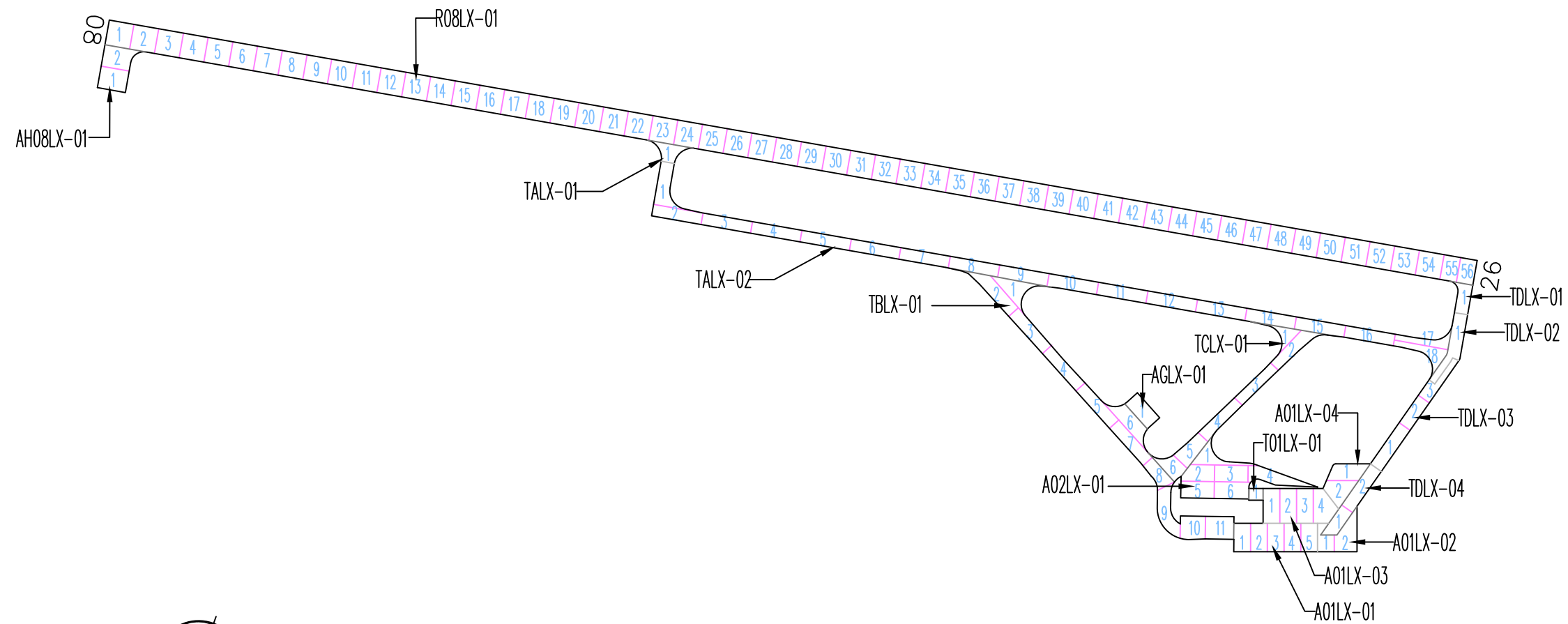


Figure LX-2. Pavement Branch, Section and Sample Unit Layout.  
Lexington Airport

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 LX-3.

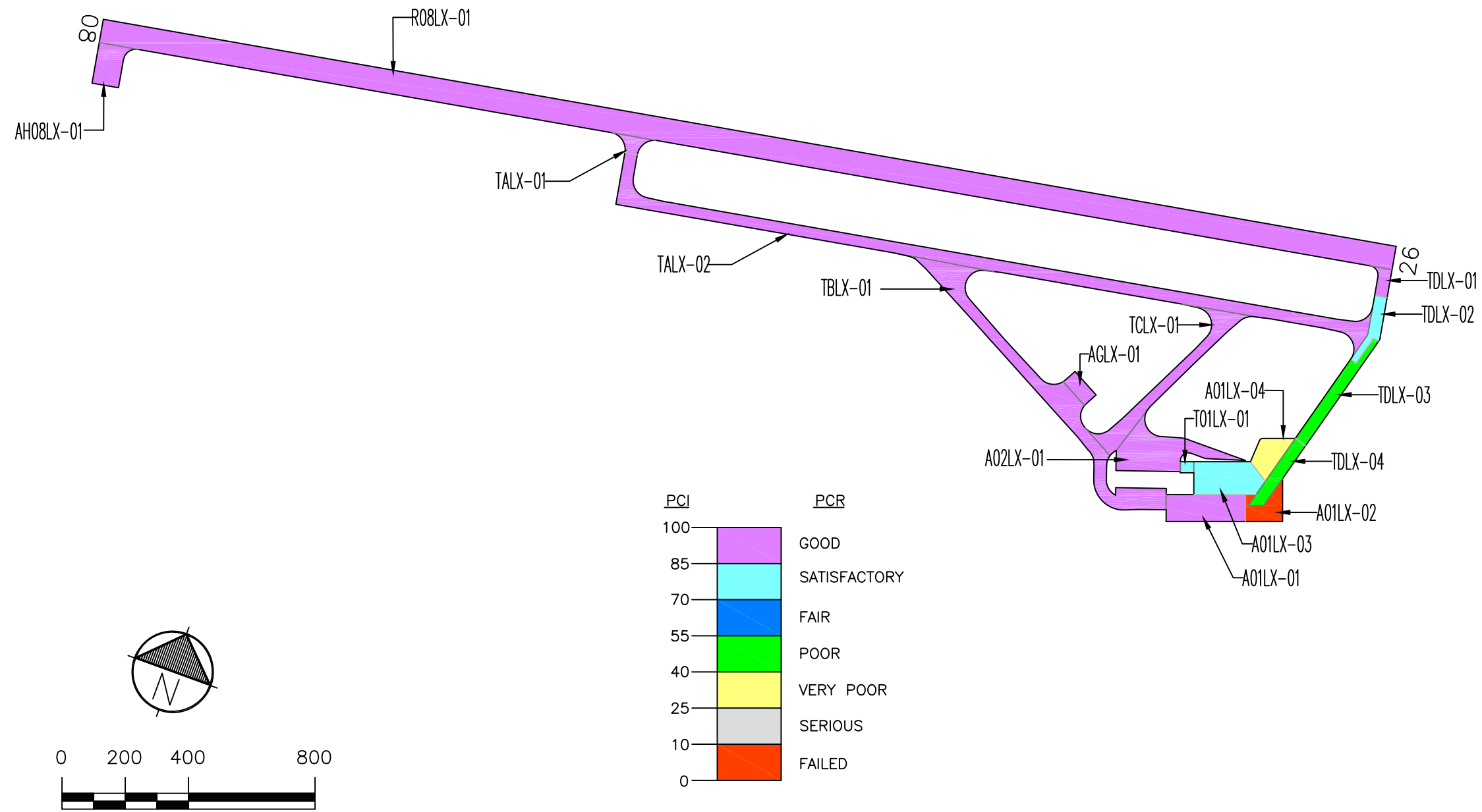
**Table 1. Past, Present and Future Pavement Condition Indices.**

Branch	Section	Inspections			Forecast	
		2006	2011	2014	2019	2024
A01LX	01	12	100	89	79	71
A01LX	02	---	22	4	0	0
A01LX	03	25	99	82	74	67
A01LX	04	75	61	40	33	26
A02LX	01	---	100	88	78	70
AGLX	01	---	100	96	85	75
AH08LX	01	76	100	100	88	78
R08LX	01	70	100	100	87	76
T01LX	01	30	81	80	74	71
TALX	01	---	100	100	78	64
TALX	02	---	100	97	84	75
TBLX	01	---	97	94	81	74
TCLX	01	---	100	97	84	75
TDLX	01	74	100	100	90	78
TDLX	02	---	100	80	74	71
TDLX	03	93	60	53	35	20
TDLX	04	---	56	50	49	49

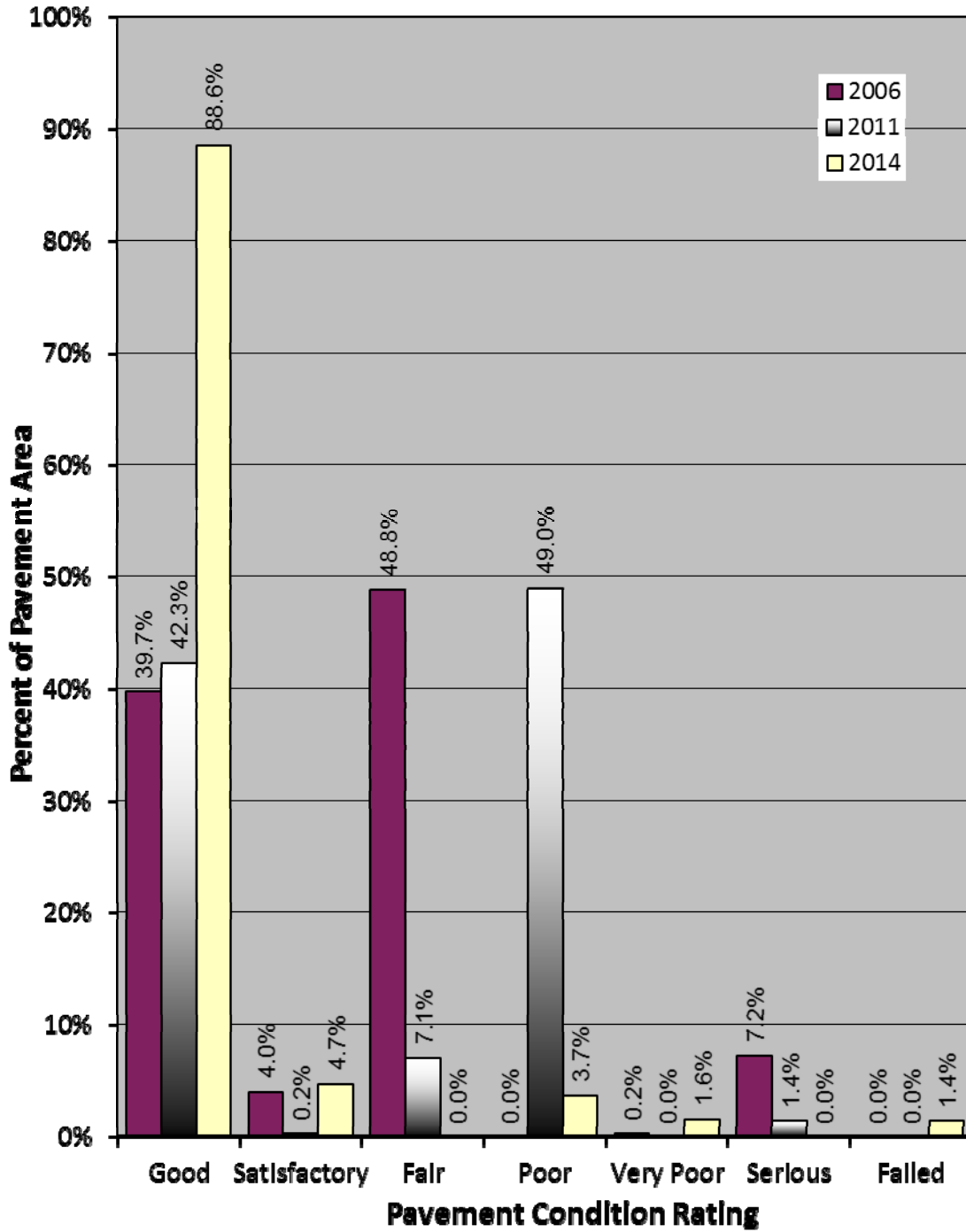
Section PCIs at Lexington Airport range from a low of 4 (a PCR of "Failed") to a high of 100 (a PCR of "Good"). The area-weighted average PCI for all airport pavements is 93, corresponding to an overall PCR of "Good". Figure LX-4 shows how much pavement area is associated with each Pavement Condition Rating category and also shows pavement condition distribution from the inspections conducted in 2006 and 2011.

Figure LX-3. Pavement Condition in July 2014.  
Lexington Airport

Drawing Date: July 2014



**Figure LX-4. Distribution of Pavement Condition  
Lexington Airport**



The primary distresses observed during the inspection were: longitudinal and transverse cracking, weathering, block cracking and alligator cracking, with isolated occurrences of patching and depressions.

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

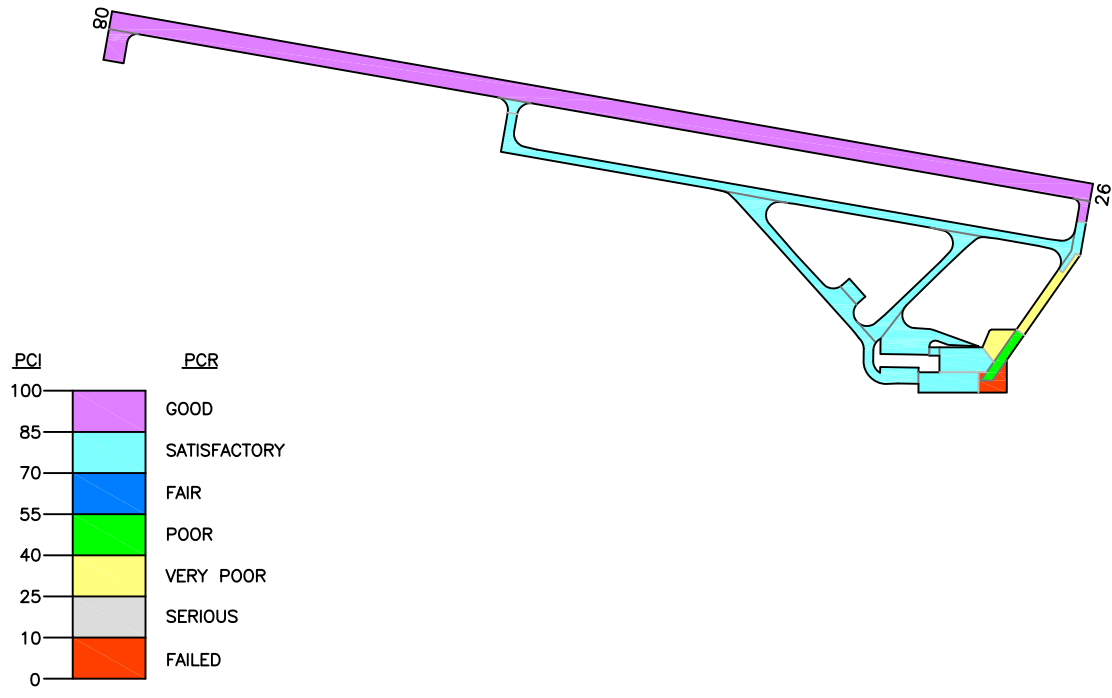
The recommended localized maintenance activities to be applied are selected by the Micro PAVER software based on a Distress Maintenance Policy established for the Oregon airport system. The report results indicate that, over your entire airport, the following quantities of localized maintenance are needed:

- 6,407 linear feet of asphalt concrete crack sealing
- 389 linear feet of asphalt concrete wide crack repair
- 2,789 square feet of deep (full-depth) asphalt concrete patching
- 9,157 square feet of shallow asphalt concrete patching

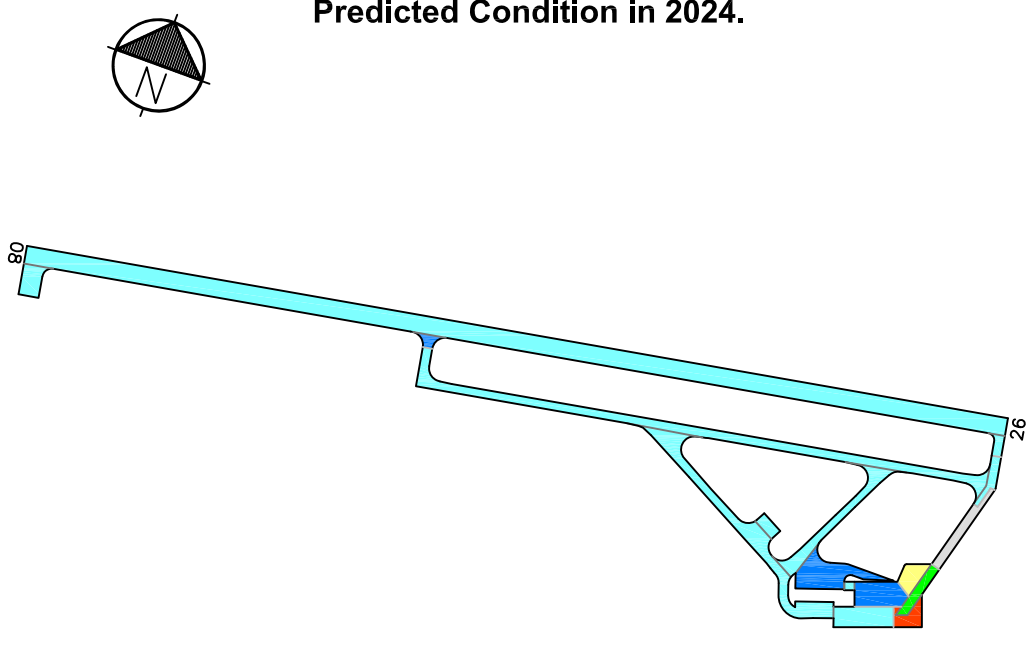
The Micro PAVER software can also identify and schedule recommended global (applied over an entire section) maintenance activities such as fog seals, slurry seals and other surface treatments, as well as major rehabilitation activities such as asphalt concrete overlays and complete reconstruction. Micro 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 LX-6.

**Predicted Condition in 2019.**



**Predicted Condition in 2024.**



Drawing Date: July 2014

 PAVEMENT CONSULTANTS INC.

**Figure LX-5. Future Pavement Condition.**



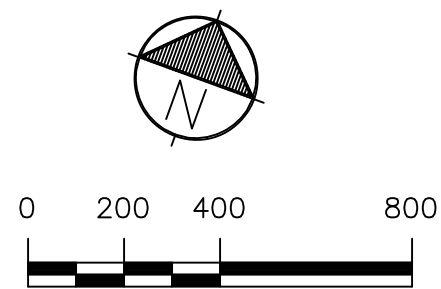
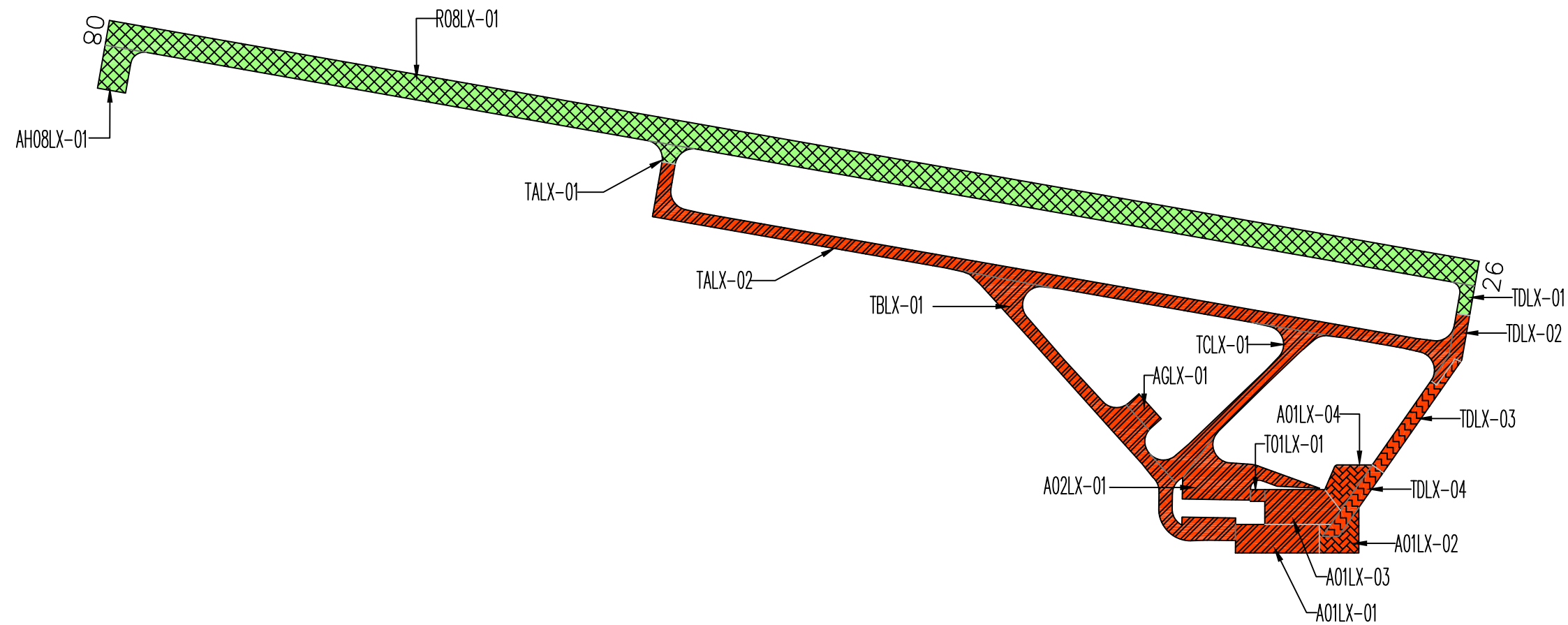
**Table 2. Five-Year Global Maintenance and Rehabilitation Plan.**

Year	Branch	Section	Action	Area (sf)	Unit Cost (\$/sf)	Total Cost (\$)
2015	A01LX	1	Slurry Seal	21,274	\$0.20	\$4,255
2015	A01LX	2	Reconstruct with 2.5" AC / 5" Crushed Aggregate Base / 8" Subbase	9,229	\$7.70	\$71,063
2015	A01LX	3	Slurry Seal	21,434	\$0.20	\$4,287
2015	A01LX	4	Reconstruct with 2.5" AC / 5" Crushed Aggregate Base / 8" Subbase	10,133	\$7.70	\$78,024
2015	A02LX	1	Slurry Seal	30,033	\$0.20	\$6,007
2015	AGLX	1	Slurry Seal	5,004	\$0.20	\$1,001
2015	T01LX	1	Slurry Seal	1,489	\$0.20	\$298
2015	TALX	2	Slurry Seal	96,003	\$0.20	\$19,201
2015	TBLX	1	Slurry Seal	60,389	\$0.20	\$12,078
2015	TCLX	1	Slurry Seal	27,004	\$0.20	\$5,401
2015	TDLX	2	Slurry Seal	7,379	\$0.20	\$1,476
2015	TDLX	3	2" AC Overlay	14,052	\$2.50	\$35,130
2015	TDLX	4	2" AC Mill and Replace	9,825	\$3.00	\$29,475
2015 Total						\$267,694
2017	AH08LX	1	Fog Seal	11,393	\$0.11	\$1,253
2017	R08LX	1	Fog Seal	311,250	\$0.11	\$34,238
2017	TALX	1	Fog Seal	3,470	\$0.11	\$382
2017	TDLX	1	Fog Seal	3,790	\$0.11	\$417
2017 Total						\$36,289
<b>TOTAL</b>						<b>\$303,984</b>

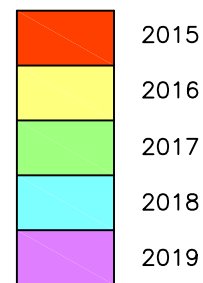
If the global maintenance and/or rehabilitation activities recommended in Table 2 are not completed, the localized maintenance activities identified in the Network Maintenance Report (Appendix 3) for that section should be done. Additionally, for those sections not listed in Table 2 as requiring global 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.

Figure LX-6. Five-Year Pavement Management Plan.  
Lexington Airport

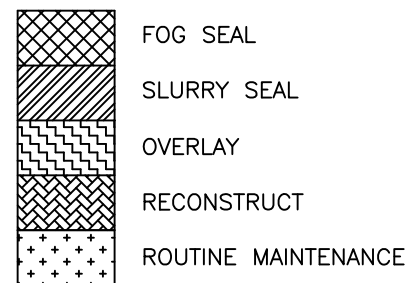
Drawing Date: July 2014



**ACTION TIMING**



**ACTION**



## **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.

# **Appendix 1**

## **Branch Condition Report**

Date: 9 /16/2014

**Branch Condition Report**

1 of 2

Pavement Database: ODA2014 NetworkID: Lexington

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
A01LX (Apron 01 Lexington)	4	716.00	88.75	62,070.00	APRON	53.75	34.30	65.95
A02LX (Apron 02 Lexington)	1	320.00	110.00	30,033.00	APRON	88.00	0.00	88.00
AGLX (Ag Apron Lexington)	1	100.00	50.00	5,004.00	APRON	96.00	0.00	96.00
AH08LX (H Apr 08 Lexington)	1	130.00	85.00	11,393.00	APRON	100.00	0.00	100.00
R08LX (Runway 08/26 Lexington)	1	4,150.00	75.00	311,250.00	RUNWAY	100.00	0.00	100.00
T01LX (Taxiway 01 Lexington)	1	43.00	35.00	1,489.00	TAXIWAY	80.00	0.00	80.00
TALX (Taxiway A Lexington)	2	2,591.00	35.00	99,473.00	TAXIWAY	98.50	1.50	97.10
TBLX (Taxiway B Lexington)	1	1,160.00	35.00	60,389.00	TAXIWAY	94.00	0.00	94.00
TCLX (Taxiway C Lexington)	1	598.00	30.00	27,004.00	TAXIWAY	97.00	0.00	97.00
TDLX (Taxiway D Lexington)	4	861.00	40.00	35,046.00	TAXIWAY	70.75	20.54	62.93

<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	7	108,500.00	71.29	33.06	77.01
RUNWAY	1	311,250.00	100.00	0.00	100.00
TAXIWAY	9	223,401.00	83.44	18.55	90.78
<b>All</b>	<b>17</b>	<b>643,151.00</b>	<b>79.41</b>	<b>26.32</b>	<b>92.92</b>

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

Date: 9 /16/2014

**Section Condition Report**

1 of 2

Pavement Database: ODA2014 NetworkID: Lexington

Branch ID	Section ID	Last Const. Date	Surface	Use	Rank	Lanes	True Area (SqFt)	Last Inspection Date	Age At Inspection	PCI
A01LX (Apron 01 Lexington)	01	09/01/2007	AC	APRON	P	0	21,274.00	07/03/2014	7	89.00
A01LX (Apron 01 Lexington)	02	08/02/1967	ST	APRON	P	0	9,229.00	07/03/2014	47	4.00
A01LX (Apron 01 Lexington)	03	09/01/2007	AC	APRON	P	0	21,434.00	07/03/2014	7	82.00
A01LX (Apron 01 Lexington)	04	09/01/2007	AC	APRON	P	0	10,133.00	07/03/2014	7	40.00
A02LX (Apron 02 Lexington)	01	09/03/2007	AC	APRON	P	0	30,033.00	07/03/2014	7	88.00
AGLX (Ag Apron Lexington)	01	09/03/2007	AC	APRON	P	0	5,004.00	07/03/2014	7	96.00
AH08LX (H Apr 08 Lexington)	01	09/04/2011	AC	APRON	P	0	11,393.00	07/03/2014	3	100.00
R08LX (Runway 08/26 Lexington)	01	09/04/2011	AC	RUNWAY	P	0	311,250.00	07/03/2014	3	100.00
T01LX (Taxiway 01 Lexington)	01	09/01/1995	AC	TAXIWAY	P	0	1,489.00	07/03/2014	19	80.00
TALX (Taxiway A Lexington)	01	09/02/2011	AAC	TAXIWAY	P	0	3,470.00	07/03/2014	3	100.00
TALX (Taxiway A Lexington)	02	09/03/2007	AC	TAXIWAY	P	0	96,003.00	07/03/2014	7	97.00
TBLX (Taxiway B Lexington)	01	09/03/2007	AC	TAXIWAY	P	0	60,389.00	07/03/2014	7	94.00
TCLX (Taxiway C Lexington)	01	09/03/2007	AC	TAXIWAY	P	0	27,004.00	07/03/2014	7	97.00
TDLX (Taxiway D Lexington)	01	09/04/2011	AC	TAXIWAY	P	0	3,790.00	07/03/2014	3	100.00
TDLX (Taxiway D Lexington)	02	09/03/2007	AC	TAXIWAY	P	0	7,379.00	07/03/2014	7	80.00
TDLX (Taxiway D Lexington)	03	08/01/1989	AC	TAXIWAY	P	0	14,052.00	07/03/2014	25	53.00
TDLX (Taxiway D Lexington)	04	09/01/2007	AAC	TAXIWAY	P	0	9,825.00	07/03/2014	7	50.00



**Section Condition Report***Pavement Database: ODA2014*

<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>329,903.00</b>	<b>4</b>	<b>100.00</b>	<b>0.00</b>	<b>100.00</b>
06-10	<b>7.00</b>	<b>288,478.00</b>	<b>10</b>	<b>81.30</b>	<b>19.14</b>	<b>89.68</b>
16-20	<b>19.00</b>	<b>1,489.00</b>	<b>1</b>	<b>80.00</b>	<b>0.00</b>	<b>80.00</b>
21-25	<b>25.00</b>	<b>14,052.00</b>	<b>1</b>	<b>53.00</b>	<b>0.00</b>	<b>53.00</b>
over 40	<b>47.00</b>	<b>9,229.00</b>	<b>1</b>	<b>4.00</b>	<b>0.00</b>	<b>4.00</b>
<b>All</b>	<b>10.18</b>	<b>643,151.00</b>	<b>17</b>	<b>79.41</b>	<b>26.32</b>	<b>92.92</b>

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

**Network Maintenance Report 2014**  
**Lexington Airport**

Network	Branch	Section	Distress	Severity	Action	Maint. Quantity	Unit	Unit Cost	Work Cost	Section Total Cost
Lexington	A01LX	2	BLOCK CR	M	Crack Sealing - AC	2,110	Ft	\$1.20	\$2,532	\$237,383
Lexington	A01LX	2	ALLIGATOR CR	H	Patching - AC Deep	931	SqFt	\$20.00	\$18,616	
Lexington	A01LX	2	ALLIGATOR CR	M	Patching - AC Deep	1,655	SqFt	\$20.00	\$33,096	
Lexington	A01LX	2	WEATHERING	H	Patching - AC Shallow	9,157	SqFt	\$20.00	\$183,140	
Lexington	A01LX	3	L & T CR	M	Crack Sealing - AC	275	Ft	\$1.20	\$330	\$330
Lexington	A01LX	4	L & T CR	H	Crack Seal - Wide Cracks	389	Ft	\$25.00	\$9,725	\$14,261
Lexington	A01LX	4	L & T CR	M	Crack Sealing - AC	392	Ft	\$1.20	\$470	
Lexington	A01LX	4	ALLIGATOR CR	M	Patching - AC Deep	203	SqFt	\$20.00	\$4,066	
Lexington	A02LX	1	L & T CR	M	Crack Sealing - AC	411	Ft	\$1.20	\$494	\$494
Lexington	T01LX	1	L & T CR	M	Crack Sealing - AC	48	Ft	\$1.20	\$58	\$58
Lexington	TALX	2	L & T CR	M	Crack Sealing - AC	91	Ft	\$1.20	\$109	\$109
Lexington	TBLX	1	L & T CR	M	Crack Sealing - AC	268	Ft	\$1.20	\$321	\$321
Lexington	TDLX	2	L & T CR	M	Crack Sealing - AC	85	Ft	\$1.20	\$102	\$102
Lexington	TDLX	3	L & T CR	M	Crack Sealing - AC	208	Ft	\$1.20	\$250	\$1,535
Lexington	TDLX	3	BLOCK CR	M	Crack Sealing - AC	1,071	Ft	\$1.20	\$1,285	
Lexington	TDLX	4	L & T CR	M	Crack Sealing - AC	47	Ft	\$1.20	\$56	\$1,739
Lexington	TDLX	4	BLOCK CR	M	Crack Sealing - AC	1,402	Ft	\$1.20	\$1,682	
									TOTAL	\$256,331

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

# Re-inspection Report

ODA2014

Report Generated Date: September 17, 2014

Network: Lexington Name: Lexington

Branch: A01LX Name: Apron 01 Lexington Use: APRON Area: 62,070.00SqFt

Section: 01 of 4 From: T02-03 To: T05-01 Last Const.: 09/01/2007  
Surface: AC Family: OR-Cat4-AC-East-AP-2014 Zone: 9S9 Category: N Rank: P  
Area: 21,274.00SqFt Length: 250.00Ft Width: 85.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 07/03/2014 Total Samples: 5 Surveyed: 5

Conditions: PCI : 89

Inspection Comments:

Sample Number: 01 Type: R Area: 4,250.00SqFt PCI = 93  
Sample Comments:  
48 LONGITUDINAL/TRANSVERSE CRACKING M 13.00 Ft Comments:

Sample Number: 02 Type: R Area: 4,250.00SqFt PCI = 98  
Sample Comments:  
48 LONGITUDINAL/TRANSVERSE CRACKING L 2.00 Ft Comments:

Sample Number: 03 Type: R Area: 4,250.00SqFt PCI = 87  
Sample Comments:  
48 LONGITUDINAL/TRANSVERSE CRACKING M 61.00 Ft Comments:

Sample Number: 04 Type: R Area: 4,250.00SqFt PCI = 86  
Sample Comments:  
48 LONGITUDINAL/TRANSVERSE CRACKING M 65.00 Ft Comments:

Sample Number: 05 Type: R Area: 4,250.00SqFt PCI = 83  
Sample Comments:  
48 LONGITUDINAL/TRANSVERSE CRACKING M 95.00 Ft Comments:

# Re-inspection Report

ODA2014

Report Generated Date: September 17, 2014

Network: Lexington Name: Lexington

Branch: A01LX Name: Apron 01 Lexington Use: APRON Area: 62,070.00SqFt

Section: 02 of 4 From: A01LX-01 To: TDLX-04 Last Const.: 08/02/1967  
Surface: ST Family: OR-Cat4-ST-East-AP-2014 Zone: 9S9 Category: N Rank: P  
Area: 9,229.00SqFt Length: 118.00Ft Width: 85.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 07/03/2014 Total Samples: 2 Surveyed: 2

Conditions: PCI : 4

Inspection Comments:

Sample Number: 01 Type: R Area: 3,248.00SqFt PCI = 4

Sample Comments:

41 ALLIGATOR CRACKING	H	812.00 SqFt	Comments:
43 BLOCK CRACKING	M	2,436.00 SqFt	Comments:
57 WEATHERING	H	3,248.00 SqFt	Comments:

Sample Number: 02 Type: R Area: 5,980.00SqFt PCI = 4

Sample Comments:

41 ALLIGATOR CRACKING	M	1,495.00 SqFt	Comments:
43 BLOCK CRACKING	M	4,485.00 SqFt	Comments:
57 WEATHERING	H	5,908.00 SqFt	Comments:

# Re-inspection Report

ODA2014

Report Generated Date: September 17, 2014

Network: Lexington Name: Lexington

Branch: A01LX Name: Apron 01 Lexington Use: APRON Area: 62,070.00SqFt

Section: 03 of 4 From: T01-01 To: A01-04 Last Const.: 09/01/2007

Surface: AC Family: OR-Cat4-AC-East-AP-2014 Zone: 9S9 Category: N Rank: P

Area: 21,434.00SqFt Length: 225.00Ft Width: 104.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 07/03/2014 Total Samples: 4 Surveyed: 3

Conditions: PCI : 82

Inspection Comments:

Sample Number: 02 Type: R Area: 5,200.00SqFt PCI = 83

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 60.00 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 71.00 Ft Comments:

Sample Number: 03 Type: R Area: 5,200.00SqFt PCI = 82

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 76.00 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 75.00 Ft Comments:

Sample Number: 04 Type: R Area: 5,834.00SqFt PCI = 83

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 72.00 Ft Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 72.00 Ft Comments:

# Re-inspection Report

ODA2014

Report Generated Date: September 17, 2014

Network: Lexington Name: Lexington

Branch: A01LX Name: Apron 01 Lexington Use: APRON Area: 62,070.00SqFt

Section: 04 of 4 From: A01-03 To: T02-03 Last Const.: 09/01/2007  
Surface: AC Family: OR-Cat4-AC-East-AP-2014 Zone: 9S9 Category: N Rank: P  
Area: 10,133.00SqFt Length: 123.00Ft Width: 81.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 07/03/2014 Total Samples: 2 Surveyed: 2

Conditions: PCI : 40

Inspection Comments:

Sample Number: 01 Type: R Area: 5,153.00SqFt PCI = 36

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	M	148.00 Ft	Comments:
41	ALLIGATOR CRACKING	M	150.00 SqFt	Comments:
45	DEPRESSION	L	12.00 SqFt	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	H	145.00 Ft	Comments:
50	PATCHING	L	150.00 SqFt	Comments:
57	WEATHERING	L	5,153.00 SqFt	Comments:

Sample Number: 02 Type: R Area: 4,980.00SqFt PCI = 44

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	M	244.00 Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	H	244.00 Ft	Comments:
50	PATCHING	L	150.00 SqFt	Comments:
57	WEATHERING	L	4,980.00 SqFt	Comments:



# Re-inspection Report

ODA2014

Report Generated Date: September 17, 2014

Network: Lexington Name: Lexington

Branch: A02LX Name: Apron 02 Lexington Use: APRON Area: 30,033.00SqFt

Section: 01 of 1 From: TCLX-01 To: T01LX-01 Last Const.: 09/03/2007  
Surface: AC Family: OR-Cat4-AC-East-AP-2014 Zone: 9S9 Category: N Rank: P  
Area: 30,033.00SqFt Length: 320.00Ft Width: 110.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 07/03/2014 Total Samples: 6 Surveyed: 4

Conditions: PCI : 88

Inspection Comments:

Sample Number: 02 Type: R Area: 4,512.00SqFt PCI = 97  
Sample Comments:  
48 LONGITUDINAL/TRANSVERSE CRACKING L 11.00 Ft Comments:

Sample Number: 03 Type: R Area: 5,000.00SqFt PCI = 92  
Sample Comments:  
48 LONGITUDINAL/TRANSVERSE CRACKING M 26.00 Ft Comments:

Sample Number: 05 Type: R Area: 5,000.00SqFt PCI = 84  
Sample Comments:  
48 LONGITUDINAL/TRANSVERSE CRACKING M 100.00 Ft Comments:

Sample Number: 06 Type: R Area: 5,197.00SqFt PCI = 81  
Sample Comments:  
48 LONGITUDINAL/TRANSVERSE CRACKING M 144.00 Ft Comments:

# Re-inspection Report

ODA2014

Report Generated Date: September 17, 2014

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Network: Lexington Name: Lexington

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Branch: AGLX Name: Ag Apron Lexington Use: APRON Area: 5,004.00SqFt

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Section: 01 of 1 From: TBLX-01 To: - Last Const.: 09/03/2007

Surface: AC Family: OR-Cat4-AC-East-AP-2014 Zone: 9S9 Category: N Rank: P

Area: 5,004.00SqFt Length: 100.00Ft Width: 50.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

---

Last Insp. Date: 07/03/2014 Total Samples: 1 Surveyed: 1

Conditions: PCI : 96

Inspection Comments:

---

Sample Number: 01 Type: R Area: 5,004.00SqFt PCI = 96

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING L 27.00 Ft Comments:

# Re-inspection Report

ODA2014

Report Generated Date: September 17, 2014

Network: Lexington Name: Lexington

Branch: AH08LX Name: H Apr 08 Lexington Use: APRON Area: 11,393.00SqFt

Section: 01 of 1 From: R08 End To: Edge Last Const.: 09/04/2011  
Surface: AC Family: OR-Cat4-AC-East-AP-2014 Zone: 9S9 Category: N Rank: P  
Area: 11,393.00SqFt Length: 130.00Ft Width: 85.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 07/03/2014 Total Samples: 2 Surveyed: 2

Conditions: PCI : 100

Inspection Comments:

Sample Number: 01 Type: R Area: 5,525.00SqFt PCI = 100

Sample Comments:

<NO DISTRESSES>

Sample Number: 02 Type: R Area: 5,868.00SqFt PCI = 100

Sample Comments:

<NO DISTRESSES>

# Re-inspection Report

ODA2014

Report Generated Date: September 17, 2014

Network: Lexington Name: Lexington

Branch: R08LX Name: Runway 08/26 Lexington Use: RUNWAY Area: 311,250.00SqFt

Section: 01 of 1 From: R08 End To: R26 End Last Const.: 09/04/2011  
Surface: AC Family: OR-Cat4-AC-East-RW-2014 Zone: 9S9 Category: N Rank: P  
Area: 311,250.00SqFt Length: 4,150.00Ft Width: 75.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 07/03/2014 Total Samples: 56 Surveyed: 6

Conditions: PCI : 100

Inspection Comments:

Sample Number: 01 Type: R Area: 5,625.00SqFt PCI = 100

Sample Comments:  
<NO DISTRESSES>

Sample Number: 11 Type: R Area: 5,625.00SqFt PCI = 100

Sample Comments:  
<NO DISTRESSES>

Sample Number: 21 Type: R Area: 5,625.00SqFt PCI = 100

Sample Comments:  
<NO DISTRESSES>

Sample Number: 31 Type: R Area: 5,625.00SqFt PCI = 100

Sample Comments:  
<NO DISTRESSES>

Sample Number: 41 Type: R Area: 5,625.00SqFt PCI = 100

Sample Comments:  
<NO DISTRESSES>

Sample Number: 51 Type: R Area: 5,625.00SqFt PCI = 100

Sample Comments:  
<NO DISTRESSES>

# Re-inspection Report

ODA2014

Report Generated Date: September 17, 2014

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Network: Lexington Name: Lexington

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Branch: T01LX Name: Taxiway 01 Lexington Use: TAXIWAY Area: 1,489.00SqFt

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Section: 01 of 1 From: A02LX-01 To: A01LX-02 Last Const.: 09/01/1995  
Surface: AC Family: OR-Cat4-AC-East-TW-2014 Zone: 9S9 Category: N Rank: P  
Area: 1,489.00SqFt Length: 43.00Ft Width: 35.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

---

Last Insp. Date: 07/03/2014 Total Samples: 1 Surveyed: 1

Conditions: PCI : 80

Inspection Comments:

---

Sample Number: 01 Type: R Area: 1,489.00SqFt PCI = 80

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING M 48.00 Ft Comments:

# Re-inspection Report

ODA2014

Report Generated Date: September 17, 2014

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Network: Lexington Name: Lexington

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Branch: TALX Name: Taxiway A Lexington Use: TAXIWAY Area: 99,473.00SqFt

---

Section: 01 of 2 From: R08LX-01 To: Section 02 Last Const.: 09/02/2011  
Surface: AAC Family: OR-Cat4-AAC-East-TW-2014 Zone: 9S9 Category: N Rank: P  
Area: 3,470.00SqFt Length: 55.00Ft Width: 35.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

---

Last Insp. Date: 07/03/2014 Total Samples: 1 Surveyed: 1

Conditions: PCI : 100

Inspection Comments:

---

Sample Number: 01 Type: R Area: 3,470.00SqFt PCI = 100

Sample Comments:

<NO DISTRESSES>

# Re-inspection Report

ODA2014

Report Generated Date: September 17, 2014

Network: Lexington Name: Lexington

Branch: TALX Name: Taxiway A Lexington Use: TAXIWAY Area: 99,473.00SqFt

Section: 02 of 2 From: Section 01 To: TDLX-01 Last Const.: 09/03/2007  
Surface: AC Family: OR-Cat4-AC-East-TW-2014 Zone: 9S9 Category: N Rank: P  
Area: 96,003.00SqFt Length: 2,536.00Ft Width: 35.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 07/03/2014 Total Samples: 18 Surveyed: 16

Conditions: PCI : 97

Inspection Comments:

Sample Number: 01 Type: R Area: 6,082.00SqFt PCI = 97  
Sample Comments:  
48 LONGITUDINAL/TRANSVERSE CRACKING L 11.00 Ft Comments:

Sample Number: 02 Type: R Area: 5,250.00SqFt PCI = 98  
Sample Comments:  
48 LONGITUDINAL/TRANSVERSE CRACKING L 3.00 Ft Comments:

Sample Number: 03 Type: R Area: 5,250.00SqFt PCI = 96  
Sample Comments:  
48 LONGITUDINAL/TRANSVERSE CRACKING L 35.00 Ft Comments:

Sample Number: 04 Type: R Area: 5,250.00SqFt PCI = 100  
Sample Comments:  
<NO DISTRESSES>

Sample Number: 05 Type: R Area: 5,250.00SqFt PCI = 100  
Sample Comments:  
<NO DISTRESSES>

Sample Number: 05 Type: R Area: 5,250.00SqFt PCI = 97  
Sample Comments:  
48 LONGITUDINAL/TRANSVERSE CRACKING L 9.00 Ft Comments:

Sample Number: 07 Type: R Area: 5,250.00SqFt PCI = 100  
Sample Comments:  
<NO DISTRESSES>

Sample Number: 08 Type: R Area: 5,250.00SqFt PCI = 100  
Sample Comments:  
<NO DISTRESSES>

Sample Number: 09 Type: R Area: 5,250.00SqFt PCI = 86  
Sample Comments:  
48 LONGITUDINAL/TRANSVERSE CRACKING L 35.00 Ft Comments:  
48 LONGITUDINAL/TRANSVERSE CRACKING M 35.00 Ft Comments:

Sample Number: 10 Type: R Area: 5,250.00SqFt PCI = 100  
Sample Comments:  
<NO DISTRESSES>

Sample Number: 11 Type: R Area: 5,250.00SqFt PCI = 100  
Sample Comments:

# Re-inspection Report

ODA2014

Report Generated Date: September 17, 2014

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<NO DISTRESSES>

---

Sample Number: 12            Type: R                            Area: 5,250.00SqFt            PCI = 100

Sample Comments:

<NO DISTRESSES>

---

Sample Number: 13            Type: R                            Area: 5,250.00SqFt            PCI = 100

Sample Comments:

<NO DISTRESSES>

---

Sample Number: 14            Type: R                            Area: 5,250.00SqFt            PCI = 100

Sample Comments:

<NO DISTRESSES>

---

Sample Number: 15            Type: R                            Area: 5,250.00SqFt            PCI = 94

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING            L            75.00 Ft            Comments:

---

Sample Number: 16            Type: R                            Area: 5,250.00SqFt            PCI = 90

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING            M            45.00 Ft            Comments:



# Re-inspection Report

ODA2014

Report Generated Date: September 17, 2014

Network: Lexington Name: Lexington

Branch: TBLX Name: Taxiway B Lexington Use: TAXIWAY Area: 60,389.00SqFt

Section: 01 of 1 From: TALX-01 To: TELX-01 Last Const.: 09/03/2007  
Surface: AC Family: OR-Cat4-AC-East-TW-2014 Zone: 9S9 Category: N Rank: P  
Area: 60,389.00SqFt Length: 1,160.00Ft Width: 35.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 07/03/2014 Total Samples: 11 Surveyed: 7

Conditions: PCI : 94

Inspection Comments:

Sample Number: 02 Type: R Area: 6,359.00SqFt PCI = 96  
Sample Comments:  
48 LONGITUDINAL/TRANSVERSE CRACKING L 37.00 Ft Comments:

Sample Number: 03 Type: R Area: 5,547.00SqFt PCI = 98  
Sample Comments:  
48 LONGITUDINAL/TRANSVERSE CRACKING L 2.00 Ft Comments:

Sample Number: 04 Type: R Area: 5,320.00SqFt PCI = 100  
Sample Comments:  
<NO DISTRESSES>

Sample Number: 07 Type: R Area: 5,574.00SqFt PCI = 92  
Sample Comments:  
48 LONGITUDINAL/TRANSVERSE CRACKING L 11.00 Ft Comments:  
48 LONGITUDINAL/TRANSVERSE CRACKING M 11.00 Ft Comments:

Sample Number: 09 Type: R Area: 6,189.00SqFt PCI = 100  
Sample Comments:  
<NO DISTRESSES>

Sample Number: 10 Type: R Area: 5,168.00SqFt PCI = 87  
Sample Comments:  
48 LONGITUDINAL/TRANSVERSE CRACKING M 71.00 Ft Comments:

Sample Number: 11 Type: R Area: 5,756.00SqFt PCI = 86  
Sample Comments:  
48 LONGITUDINAL/TRANSVERSE CRACKING M 95.00 Ft Comments:

# Re-inspection Report

ODA2014

Report Generated Date: September 17, 2014

Network: Lexington Name: Lexington

Branch: TCLX Name: Taxiway C Lexington Use: TAXIWAY Area: 27,004.00SqFt

Section: 01 of 1 From: TALX-01 To: TBLX-01 Last Const.: 09/03/2007  
Surface: AC Family: OR-Cat4-AC-East-TW-2014 Zone: 9S9 Category: N Rank: P  
Area: 27,004.00SqFt Length: 598.00Ft Width: 30.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 07/03/2014 Total Samples: 6 Surveyed: 4

Conditions: PCI : 97

Inspection Comments:

Sample Number: 02 Type: R Area: 5,522.00SqFt PCI = 93  
Sample Comments:  
48 LONGITUDINAL/TRANSVERSE CRACKING L 100.00 Ft Comments:

Sample Number: 03 Type: R Area: 4,748.00SqFt PCI = 100  
Sample Comments:  
<NO DISTRESSES>

Sample Number: 04 Type: R Area: 5,130.00SqFt PCI = 100  
Sample Comments:  
<NO DISTRESSES>

Sample Number: 05 Type: R Area: 4,854.00SqFt PCI = 96  
Sample Comments:  
48 LONGITUDINAL/TRANSVERSE CRACKING L 28.00 Ft Comments:

# Re-inspection Report

ODA2014

Report Generated Date: September 17, 2014

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Network: Lexington Name: Lexington

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Branch: TDLX Name: Taxiway D Lexington Use: TAXIWAY Area: 35,046.00SqFt

---

Section: 01 of 4 From: R26 End To: TD-02 Last Const.: 09/04/2011  
Surface: AC Family: OR-Cat4-AC-East-TW-2014 Zone: 9S9 Category: N Rank: P  
Area: 3,790.00SqFt Length: 89.00Ft Width: 40.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

---

Last Insp. Date: 07/03/2014 Total Samples: 1 Surveyed: 1

Conditions: PCI : 100

Inspection Comments:

---

Sample Number: 01 Type: R Area: 3,790.00SqFt PCI = 100

Sample Comments:

<NO DISTRESSES>

# Re-inspection Report

ODA2014

Report Generated Date: September 17, 2014

Network: Lexington Name: Lexington

Branch: TDLX Name: Taxiway D Lexington Use: TAXIWAY Area: 35,046.00SqFt

Section: 02 of 4 From: TDLX-01 To: TDLX-03 Last Const.: 09/03/2007

Surface: AC Family: OR-Cat4-AC-East-TW-2014 Zone: 9S9 Category: N Rank: P

Area: 7,379.00SqFt Length: 222.00Ft Width: 40.00Ft

Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 07/03/2014 Total Samples: 1 Surveyed: 1

Conditions: PCI : 80

Inspection Comments:

Sample Number: 01 Type: R Area: 7,379.00SqFt PCI = 80

Sample Comments:

48	LONGITUDINAL/TRANSVERSE CRACKING	L	100.00 Ft	Comments:
48	LONGITUDINAL/TRANSVERSE CRACKING	M	85.00 Ft	Comments:
57	WEATHERING	L	1,885.00 SqFt	Comments:

# Re-inspection Report

ODA2014

Report Generated Date: September 17, 2014

Network: Lexington Name: Lexington

Branch: TDLX Name: Taxiway D Lexington Use: TAXIWAY Area: 35,046.00SqFt

Section: 03 of 4 From: TD-02 To: A01-01 Last Const.: 08/01/1989  
Surface: AC Family: OR-Cat4-AC-East-TW-2014 Zone: 9S9 Category: N Rank: P  
Area: 14,052.00SqFt Length: 305.00Ft Width: 40.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 07/03/2014 Total Samples: 3 Surveyed: 3

Conditions: PCI : 53

Inspection Comments:

Sample Number: 01 Type: R Area: 6,000.00SqFt PCI = 53

Sample Comments:

43 BLOCK CRACKING	L	1,500.00 SqFt	Comments:
43 BLOCK CRACKING	M	1,500.00 SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	48.00 Ft	Comments:
57 WEATHERING	L	6,000.00 SqFt	Comments:

Sample Number: 02 Type: R Area: 4,000.00SqFt PCI = 53

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	M	80.00 Ft	Comments:
43 BLOCK CRACKING	L	1,000.00 SqFt	Comments:
43 BLOCK CRACKING	M	1,000.00 SqFt	Comments:
57 WEATHERING	L	4,000.00 SqFt	Comments:

Sample Number: 03 Type: R Area: 4,052.00SqFt PCI = 53

Sample Comments:

48 LONGITUDINAL/TRANSVERSE CRACKING	M	80.00 Ft	Comments:
57 WEATHERING	L	4,052.00 SqFt	Comments:
43 BLOCK CRACKING	L	1,013.00 SqFt	Comments:
43 BLOCK CRACKING	M	1,013.00 SqFt	Comments:

# Re-inspection Report

ODA2014

Report Generated Date: September 17, 2014

Network: Lexington Name: Lexington

Branch: TDLX Name: Taxiway D Lexington Use: TAXIWAY Area: 35,046.00SqFt

Section: 04 of 4 From: Section 03 To: Apron 01 Last Const.: 09/01/2007  
Surface: AAC Family: OR-Cat4-AAC-East-TW-2014 Zone: 9S9 Category: N Rank: P  
Area: 9,825.00SqFt Length: 245.00Ft Width: 40.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0

Section Comments:

Last Insp. Date: 07/03/2014 Total Samples: 2 Surveyed: 2

Conditions: PCI : 50

Inspection Comments:

Sample Number: 01 Type: R Area: 3,825.00SqFt PCI = 52

Sample Comments:

43 BLOCK CRACKING	M	1,600.00 SqFt	Comments:
57 WEATHERING	L	2,868.00 SqFt	Comments:
57 WEATHERING	M	956.00 SqFt	Comments:

Sample Number: 02 Type: R Area: 6,000.00SqFt PCI = 49

Sample Comments:

43 BLOCK CRACKING	M	3,000.00 SqFt	Comments:
48 LONGITUDINAL/TRANSVERSE CRACKING	M	47.00 Ft	Comments:
57 WEATHERING	L	6,000.00 SqFt	Comments: