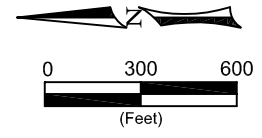
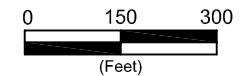
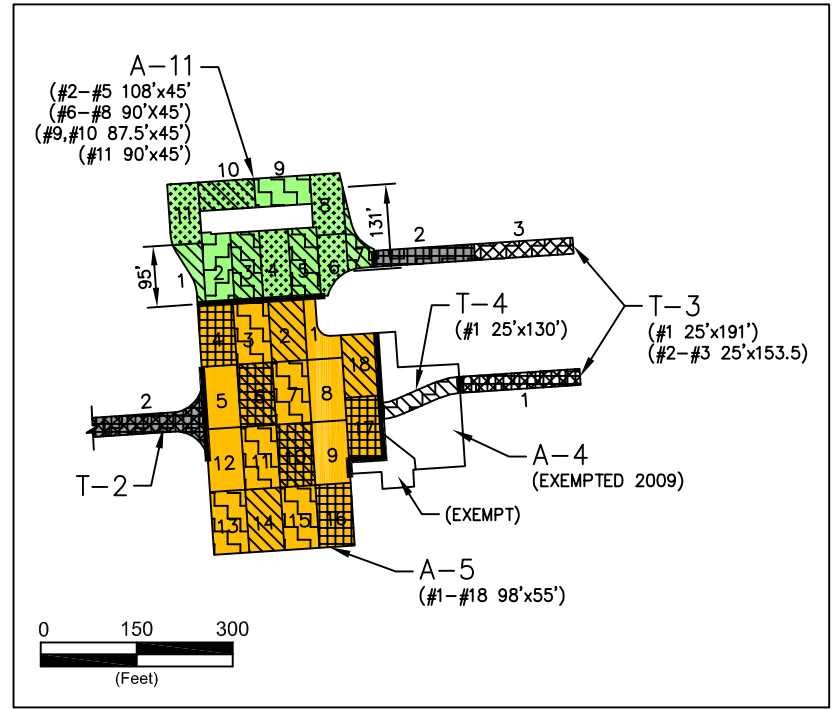
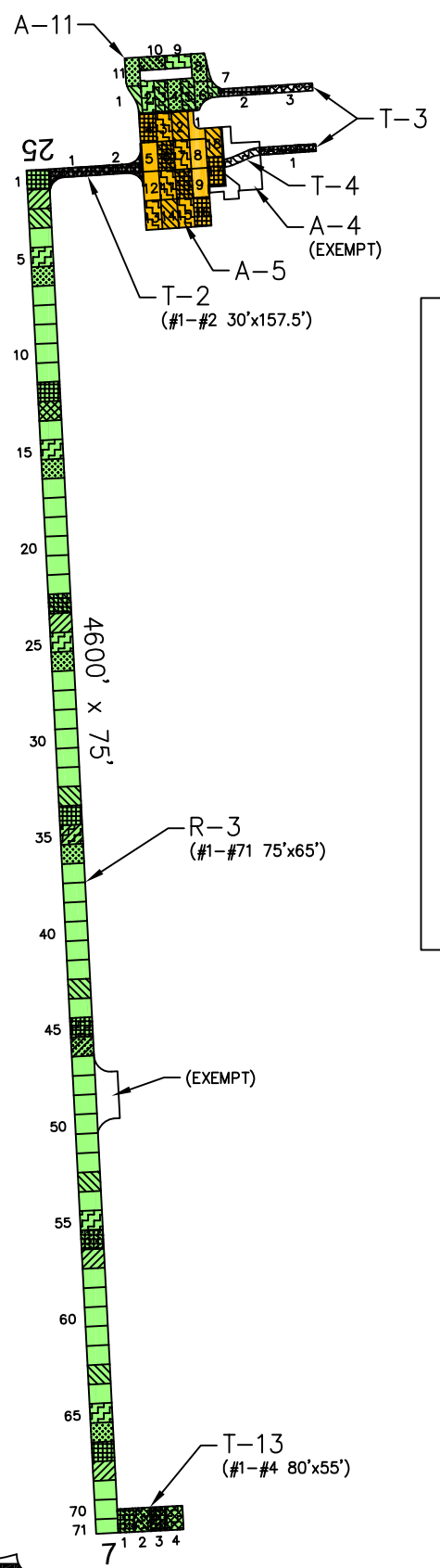


# CHESTER

CHESTER



## PAVEMENT STRENGTH SURVEY/PAVEMENT CONDITION SURVEY

PAVE. IDENT.	SOIL CLASS	SUB GRADE CLASS	SUBBASE COURSE	BASE COURSE	SURFACE COURSE	OVERLAY	PAVEMENT STRENGTH			REMARKS
							MAX. GROSS LOAD (LBS)			
							SINGLE	DUAL	DUAL TAN.	
<b>RUNWAYS</b>										
R-3	E-6	F6	6" COMP. P-152	3"P-208, 10"P-207	3" P-401	2"P-401,P-608	12,500			2,3,4,5
<b>TAXIWAYS</b>										
T-2	E-6	F6	6" COMP. P-152	3"P-208, 10"P-207	3" P-401	2"P-401,P-608	12,500			2,3,4,5
T-3	E-6	F6	6" COMP. P-152	12" P-207	3" P-401	P-608	12,500			2,3,5
T-4	E-6	F6	6" COMP. P-152	12" P-207	3" P-401	P-608	12,500			4,5
T-13	E-6	F6	6" COMP. P-152	12" P-207	3" P-401	2"P-401,P-608	12,500			4,5
<b>APRONS</b>										
A-4	E-6	F6			UNKNOWN	1" P-402	4,000			1
A-5	E-6	F6	6" COMP. P-152	3"P-208, 8"P-207	3" P-401	P-609,P-608	12,500			2,3,4,5
A-11	E-6	F6	6" COMP. P-152	12" P-208	3" P-401	P-608	12,500			4,5

**REMARKS:**

- AIP-001-1985, RUNWAY EXTENDED 1400 LF; ALL SURFACES RECEIVED 1" P-402 OVERLAY.
- AIP-002-1997, REHABILITATE RUNWAY 7/25, TAXIWAY, AND APRON; CONSTRUCT HANGAR ACCESS TAXIWAYS AND TURNAROUND EXTENSION; INSTALL EDGE DRAIN NORTH SIDE OF RUNWAY.
- AIP-003-2005, CRACK SEAL, FOG SEAL, AND REMARK PAVEMENTS.
- AIP-005-2010, 2" OVERLAY RUNWAY (R-3), TAXIWAYS (T-2,T-13); RECONSTRUCT APRON (A-11); CRACK SEAL, FOG SEAL, AND REMARK REMAINING PAVEMENTS.
- AIP-006-2015, CRACK SEAL, SEAL COAT, AND REMARK PAVEMENTS [INSPECTED AFTER MAINTENANCE PROFJECT].

**LEGEND**

- 2006 SURVEY AREA
- 2009 SURVEY AREA
- 2012 SURVEY AREA
- 2015 SURVEY AREA
- 2018 SURVEY AREA
- MAINTAIN: PCI > 60
- TRANSITION: PCI 45 TO 60
- RECONSTRUCT: PCI < 45

DATE OF PAVEMENT STRENGTH SURVEY:	
EVALUATED BY:	
DATE OF MOST RECENT PAVEMENT CONDITION SURVEY:	OCT. 16, 2018
EVALUATED BY:	S. BROWN
LOCATION:	CHESTER MONTANA

**MONTANA AVIATION SYSTEM PLAN  
2018 UPDATE - PAVEMENT CONDITION INDEXES**

**LIBERTY COUNTY AIRPORT  
(LTY)**

Date: \_\_\_\_\_ Prepared For: \_\_\_\_\_ Prepared By: \_\_\_\_\_

DECEMBER 2018

MONTANA DEPARTMENT OF TRANSPORTATION



**A-5, Overview**



**A-5, Raveling**



**A-11, Overview**



**A-11, Crack with Failed Sealant**



**R-13, Overview**



**R-13, Depression along Joint**



**T-2, Overview**



**T-2, Depression with Pooled Surface Sealant**



**T-13, Overview**



**T-13, Sealed Crack with Mechanical Raveling**

# CHESTER AIRPORT

Branch: 15A APRON

**A-5**

Length: 392 LF      Width: 247 LF      Area: 96,824 SF      Last Const: 1997      Family: ACAM  
 From: T-2      To: A-2 AND A-4      Surface: AC

**Inspections**

Samples Surveyed: 5      Total Samples: 18      Last Inspection Date: 10/16/2018      **PCI: 59**

Sample # 3      Area: 5,390 SF

Distress Description	Severity	Quantity
DEPRESSION	M	50 SF
PATCHING	L	3.1 SF
LONGITUDINAL/TRANSVERSE CRACKING	L	174 LF
LONGITUDINAL/TRANSVERSE CRACKING	M	181 LF
DEPRESSION	L	12 SF
RAVELING	M	288 SF
LONGITUDINAL/TRANSVERSE CRACKING	H	1 LF

Sample # 7      Area: 5,390 SF

Distress Description	Severity	Quantity
RAVELING	M	330 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	173 LF
LONGITUDINAL/TRANSVERSE CRACKING	L	230 LF
PATCHING	L	9.4 SF
RAVELING	L	825 SF
PATCHING	M	6.2 SF
DEPRESSION	M	35.8 SF

Sample # 11      Area: 5,390 SF

Distress Description	Severity	Quantity
RAVELING	L	752 SF
DEPRESSION	M	35.5 SF
RAVELING	M	330 SF
PATCHING	L	22 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	157 LF
LONGITUDINAL/TRANSVERSE CRACKING	L	181 LF

Sample # 13      Area: 5,390 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	353 LF
LONGITUDINAL/TRANSVERSE CRACKING	M	108 LF
PATCHING	L	6.4 SF
DEPRESSION	L	52.5 SF
PATCHING	M	3.1 SF
RAVELING	M	594 SF
DEPRESSION	M	33 SF

Sample # 15      Area: 5,390 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	251 LF
DEPRESSION	M	33.3 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	159 LF

**Extrapolated Distress Quantities\***

Distress Description	Severity	Quantity	Density	Deduct
DEPRESSION	LOW	232 SF	0.24%	1.10
DEPRESSION	MEDIUM	674 SF	0.70%	12.84
LONGITUDINAL/TRANSVERSE CRACKING	HIGH	4 LF	0.00%	7.50
LONGITUDINAL/TRANSVERSE CRACKING	LOW	4,272 LF	4.41%	13.47
LONGITUDINAL/TRANSVERSE CRACKING	MEDIUM	2,795 LF	2.89%	19.09
PATCHING	LOW	147 SF	0.15%	2.01
PATCHING	MEDIUM	33 SF	0.03%	6.20

**CHESTER AIRPORT**

Branch: 15A

**APRON**

**A-5**

RAVELING

LOW 5,666 SF

5.85%

7.42

RAVELING

MEDIUM 5,540 SF

5.72%

16.16

\* Multiple deduct values are scaled down from their algebraic sum to keep the model consistent with experimental data.

**Percent of Deduct Values Based on Distress Mechanism**

0.0 % **Load**

84.0 % **Climate/Durability**

16.0 % **Other**

# CHESTER AIRPORT

Branch: 15A APRON

**A-11**

Length: 315 LF      Width: 180 LF      Area: 42,706 SF      Last Const: 2010      Family: DEFAULT  
 From: A-5      To: T-3      Surface: AC

**Inspections**

Samples Surveyed: 5      Total Samples: 11      Last Inspection Date: 10/16/2018      **PCI: 82**

Sample # 2      Area: 4,860 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	M	43 LF
LONGITUDINAL/TRANSVERSE CRACKING	H	1 LF
LONGITUDINAL/TRANSVERSE CRACKING	L	176 LF
RAVELING	H	1.7 SF

Sample # 3      Area: 4,860 SF

Distress Description	Severity	Quantity
PATCHING	L	0.4 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	3 LF
LONGITUDINAL/TRANSVERSE CRACKING	L	93 LF

Sample # 5      Area: 4,860 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	M	10 LF
LONGITUDINAL/TRANSVERSE CRACKING	L	117 LF
DEPRESSION	L	10 SF
PATCHING	L	0.2 SF

Sample # 7      Area: 4,050 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	71 LF
DEPRESSION	L	20 SF

Sample # 9      Area: 3,937 SF

Distress Description	Severity	Quantity
RAVELING	H	0.7 SF
LONGITUDINAL/TRANSVERSE CRACKING	L	52 LF
PATCHING	L	0.14 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	38 LF

**Extrapolated Distress Quantities\***

Distress Description	Severity	Quantity	Density	Deduct
DEPRESSION	LOW	57 SF	0.13%	0.35
LONGITUDINAL/TRANSVERSE CRACKING	HIGH	2 LF	0.00%	7.50
LONGITUDINAL/TRANSVERSE CRACKING	LOW	963 LF	2.26%	8.09
LONGITUDINAL/TRANSVERSE CRACKING	MEDIUM	178 LF	0.42%	7.63
PATCHING	LOW	1 SF	0.00%	2.00
RAVELING	HIGH	5 SF	0.01%	6.00

\* Multiple deduct values are scaled down from their algebraic sum to keep the model consistent with experimental data.

**Percent of Deduct Values Based on Distress Mechanism**

0.0 % Load      99.0 % Climate/Durability      1.0 % Other

# CHESTER AIRPORT

Branch: 15R RUNWAY

**R-3**

Length: 4,600 LF      Width: 75 LF      Area: 345,000 SF      Last Const: 2010      Family: ACRML  
 From: T-2      To: T-3      Surface: AC

**Inspections**

Samples Surveyed: 7      Total Samples: 71      Last Inspection Date: 10/16/2018      **PCI: 82**

Sample # 5      Area: 4,875 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	M	12 LF
DEPRESSION	L	12 SF
LONGITUDINAL/TRANSVERSE CRACKING	L	159 LF

Sample # 15      Area: 4,875 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	161 LF
DEPRESSION	L	65.02 SF

Sample # 25      Area: 4,875 SF

Distress Description	Severity	Quantity
PATCHING	L	0.2 SF
DEPRESSION	L	65.01 SF
LONGITUDINAL/TRANSVERSE CRACKING	L	161 LF

Sample # 35      Area: 4,875 SF

Distress Description	Severity	Quantity
DEPRESSION	L	65 SF
LONGITUDINAL/TRANSVERSE CRACKING	L	156 LF

Sample # 45      Area: 4,875 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	175 LF
RAVELING	H	1 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	10 LF
DEPRESSION	L	71.7 SF

Sample # 55      Area: 4,875 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	147 LF
DEPRESSION	L	4.3 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	6 LF

Sample # 65      Area: 4,875 SF

Distress Description	Severity	Quantity
DEPRESSION	L	8.3 SF
LONGITUDINAL/TRANSVERSE CRACKING	L	179 LF
RAVELING	H	8.3 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	3 LF

**Extrapolated Distress Quantities\***

Distress Description	Severity	Quantity	Density	Deduct
DEPRESSION	LOW	2,945 SF	0.85%	5.77
LONGITUDINAL/TRANSVERSE CRACKING	LOW	11,505 LF	3.33%	10.90
LONGITUDINAL/TRANSVERSE CRACKING	MEDIUM	313 LF	0.09%	4.00
PATCHING	LOW	2 SF	0.00%	2.00
RAVELING	HIGH	94 SF	0.03%	6.00

\* Multiple deduct values are scaled down from their algebraic sum to keep the model consistent with experimental data.

**Percent of Deduct Values Based on Distress Mechanism**

0.0 % Load      80.0 % Climate/Durability      20.0 % Other

# CHESTER AIRPORT

Branch: 15T TAXIWAY

**T-2**

**Length:** 310 LF      **Width:** 35 LF      **Area:** 10,850 SF      **Last Const:** 2010      **Family:** ACRML  
**From:** R-3      **To:** A-5      **Surface:** AC

**Inspections**

**Samples Surveyed:** 2      **Total Samples:** 2      **Last Inspection Date:** 10/16/2018      **PCI:** **88**

**Sample # 1**      **Area:** 4,725 SF

Distress Description	Severity	Quantity
PATCHING	L	0.1 SF
DEPRESSION	L	20 SF
LONGITUDINAL/TRANSVERSE CRACKING	L	37.5 LF

**Sample # 2**      **Area:** 4,725 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	124 LF
DEPRESSION	L	10 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	3 LF

**Extrapolated Distress Quantities\***

Distress Description	Severity	Quantity	Density	Deduct
DEPRESSION	LOW	34 SF	0.32%	1.78
LONGITUDINAL/TRANSVERSE CRACKING	LOW	185 LF	1.71%	6.64
LONGITUDINAL/TRANSVERSE CRACKING	MEDIUM	3 LF	0.03%	4.00
PATCHING	LOW	0 SF	0.00%	2.00

\* Multiple deduct values are scaled down from their algebraic sum to keep the model consistent with experimental data.

**Percent of Deduct Values Based on Distress Mechanism**

54.0 % Load      88.0 % Climate/Durability      12.0 % Other



# CHESTER AIRPORT

Branch: 15T TAXIWAY

**T-3**

**Length:** 673 LF      **Width:** 25 LF      **Area:** 16,825 SF      **Last Const:** 1997      **Family:** ACRML  
**From:** A-11      **To:** HANGAR ACCESS      **Surface:** AC

**Inspections**

**Samples Surveyed:** 3      **Total Samples:** 3      **Last Inspection Date:** 10/16/2018      **PCI:** **67**

**Sample # 1**      **Area:** 4,775 SF

Distress Description	Severity	Quantity
DEPRESSION	M	26.3 SF
LONGITUDINAL/TRANSVERSE CRACKING	L	160 LF
LONGITUDINAL/TRANSVERSE CRACKING	M	35 LF
ALLIGATOR	M	24 SF

**Sample # 2**      **Area:** 3,837 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	M	52 LF
DEPRESSION	M	26 SF
LONGITUDINAL/TRANSVERSE CRACKING	L	136 LF
ALLIGATOR	M	20 SF

**Sample # 3**      **Area:** 3,837 SF

Distress Description	Severity	Quantity
PATCHING	L	0.09 SF
LONGITUDINAL/TRANSVERSE CRACKING	L	119 LF
LONGITUDINAL/TRANSVERSE CRACKING	M	20 LF
DEPRESSION	M	10 SF

**Extrapolated Distress Quantities\***

Distress Description	Severity	Quantity	Density	Deduct
ALLIGATOR	MEDIUM	59 SF	0.35%	19.96
DEPRESSION	MEDIUM	84 SF	0.50%	10.60
LONGITUDINAL/TRANSVERSE CRACKING	LOW	561 LF	3.33%	10.89
LONGITUDINAL/TRANSVERSE CRACKING	MEDIUM	145 LF	0.86%	10.50
PATCHING	LOW	0 SF	0.00%	2.00

\* Multiple deduct values are scaled down from their algebraic sum to keep the model consistent with experimental data.

**Percent of Deduct Values Based on Distress Mechanism**

37.0 % Load      43.0 % Climate/Durability      20.0 % Other

**CHESTER AIRPORT**

Branch: 15T TAXIWAY

**T-4**

Length: 130 LF      Width: 25 LF      Area: 3,250 SF      Last Const: 2010      Family: ACRML  
 From: A-5      To: T-3      Surface: AC

**Inspections**

Samples Surveyed: 1      Total Samples: 1      Last Inspection Date: 10/16/2018      **PCI: 79**

Sample # 1      Area: SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	142 LF
DEPRESSION	L	15 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	12 LF

**Extrapolated Distress Quantities\***

Distress Description	Severity	Quantity	Density	Deduct
DEPRESSION	LOW	15 SF	0.46%	2.99
LONGITUDINAL/TRANSVERSE CRACKING	LOW	142 LF	4.37%	13.37
LONGITUDINAL/TRANSVERSE CRACKING	MEDIUM	12 LF	0.37%	7.20

\* Multiple deduct values are scaled down from their algebraic sum to keep the model consistent with experimental data.

**Percent of Deduct Values Based on Distress Mechanism**

0.0 % Load      87.0 % Climate/Durability      13.0 % Other

# CHESTER AIRPORT

Branch: 15T TAXIWAY

**T-13**

**Length:** 320 LF      **Width:** 55 LF      **Area:** 17,600 SF      **Last Const:** 2010      **Family:** DEFAULT  
**From:** R-3      **To:** END      **Surface:** AC

**Inspections**

**Samples Surveyed:** 3      **Total Samples:** 4      **Last Inspection Date:** 10/16/2018      **PCI:** 71

**Sample # 2**      **Area:** 4,400 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	140 LF
PATCHING	L	0.4 SF
DEPRESSION	L	12 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	3 LF

**Sample # 3**      **Area:** 4,400 SF

Distress Description	Severity	Quantity
SWELL	M	24 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	2 LF
LONGITUDINAL/TRANSVERSE CRACKING	L	108 LF
RAVELING	H	29.3 SF
PATCHING	L	0.4 SF
DEPRESSION	L	7.3 SF

**Sample # 4**      **Area:** 4,400 SF

Distress Description	Severity	Quantity
PATCHING	L	0.4 SF
DEPRESSION	L	210 SF
LONGITUDINAL/TRANSVERSE CRACKING	L	50 LF
LONGITUDINAL/TRANSVERSE CRACKING	M	2 LF
DEPRESSION	M	120 SF

**Extrapolated Distress Quantities\***

Distress Description	Severity	Quantity	Density	Deduct
DEPRESSION	LOW	306 SF	1.74%	10.22
DEPRESSION	MEDIUM	160 SF	0.91%	14.86
LONGITUDINAL/TRANSVERSE CRACKING	LOW	397 LF	2.26%	8.09
LONGITUDINAL/TRANSVERSE CRACKING	MEDIUM	9 LF	0.05%	4.00
PATCHING	LOW	2 SF	0.01%	2.00
RAVELING	HIGH	39 SF	0.22%	8.11
SWELL	MEDIUM	32 SF	0.18%	10.89

\* Multiple deduct values are scaled down from their algebraic sum to keep the model consistent with experimental data.

**Percent of Deduct Values Based on Distress Mechanism**

0.0 % Load      38.0 % Climate/Durability      62.0 % Other

### CHESTER AIRPORT (15)

FIFTEEN YEAR PROJECTIONS							ESTIMATED AVERAGE ANNUAL COST:		\$80,132			
Plan Year: 2019							Estimated Cost:		\$465,075		PCI	
Section	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	Before	After				
A-11	Preventive + Global MR	\$364	\$14,520	\$0	\$0	\$14,884	81	88				
A-5	Major Below Critical	\$0	\$0	\$311,531	\$0	\$311,531	59	100				
R-3	Preventive + Global MR	\$2,827	\$117,299	\$0	\$0	\$120,126	82	84				
T-13	Preventive + Global MR	\$832	\$5,984	\$0	\$0	\$6,816	71	75				
T-2	Preventive + Global MR	\$26	\$3,689	\$0	\$0	\$3,714	88	92				
T-3	Preventive + Global MR	\$1,124	\$5,720	\$0	\$0	\$6,844	67	71				
T-4	Preventive + Global MR	\$53	\$1,105	\$0	\$0	\$1,158	78	86				
Plan Year: 2020							Estimated Cost:		\$3,906		PCI	
Section	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	Before	After				
A-11	Preventive	\$165	\$0	\$0	\$0	\$165	86	86				
A-5	None	\$0	\$0	\$0	\$0	\$0	97	97				
R-3	Preventive	\$2,231	\$0	\$0	\$0	\$2,231	84	84				
T-13	Preventive	\$634	\$0	\$0	\$0	\$634	73	74				
T-2	None	\$0	\$0	\$0	\$0	\$0	91	91				
T-3	Preventive	\$855	\$0	\$0	\$0	\$855	70	70				
T-4	Preventive	\$20	\$0	\$0	\$0	\$20	84	84				
Plan Year: 2021							Estimated Cost:		\$4,515		PCI	
Section	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	Before	After				
A-11	Preventive	\$255	\$0	\$0	\$0	\$255	84	84				
A-5	None	\$0	\$0	\$0	\$0	\$0	94	94				
R-3	Preventive	\$2,516	\$0	\$0	\$0	\$2,516	83	83				
T-13	Preventive	\$727	\$0	\$0	\$0	\$727	72	72				
T-2	Preventive	\$8	\$0	\$0	\$0	\$8	89	89				
T-3	Preventive	\$980	\$0	\$0	\$0	\$980	68	68				
T-4	Preventive	\$28	\$0	\$0	\$0	\$28	81	82				
Plan Year: 2022							Estimated Cost:		\$5,141		PCI	
Section	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	Before	After				
A-11	Preventive	\$343	\$0	\$0	\$0	\$343	82	82				
A-5	None	\$0	\$0	\$0	\$0	\$0	91	91				
R-3	Preventive	\$2,805	\$0	\$0	\$0	\$2,805	82	82				
T-13	Preventive	\$819	\$0	\$0	\$0	\$819	71	71				
T-2	Preventive	\$24	\$0	\$0	\$0	\$24	88	88				
T-3	Preventive	\$1,105	\$0	\$0	\$0	\$1,105	67	67				
T-4	Preventive	\$45	\$0	\$0	\$0	\$45	79	79				
Plan Year: 2023							Estimated Cost:		\$5,992		PCI	
Section	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	Before	After				
A-11	Preventive	\$448	\$0	\$0	\$0	\$448	80	80				
A-5	Preventive	\$193	\$0	\$0	\$0	\$193	88	88				
R-3	Preventive	\$3,087	\$0	\$0	\$0	\$3,087	81	81				
T-13	Preventive	\$920	\$0	\$0	\$0	\$920	70	70				
T-2	Preventive	\$39	\$0	\$0	\$0	\$39	86	86				
T-3	Preventive	\$1,230	\$0	\$0	\$0	\$1,230	65	65				
T-4	Preventive	\$76	\$0	\$0	\$0	\$76	77	77				
Plan Year: 2024							Estimated Cost:		\$155,501		PCI	
Section	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	Before	After				
A-11	Preventive + Global MR	\$803	\$14,520	\$0	\$0	\$15,323	78	85				
A-5	Preventive	\$458	\$0	\$0	\$0	\$458	85	86				
R-3	Preventive + Global MR	\$3,372	\$117,299	\$0	\$0	\$120,671	80	83				
T-13	Preventive + Global MR	\$1,035	\$5,984	\$0	\$0	\$7,019	68	72				
T-2	Preventive + Global MR	\$55	\$3,689	\$0	\$0	\$3,744	85	90				
T-3	Preventive + Global MR	\$1,354	\$5,720	\$0	\$0	\$7,075	64	69				
T-4	Preventive + Global MR	\$107	\$1,105	\$0	\$0	\$1,212	74	82				
Plan Year: 2025							Estimated Cost:		\$5,776		PCI	
Section	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	Before	After				
A-11	Preventive	\$323	\$0	\$0	\$0	\$323	82	83				
A-5	Preventive	\$722	\$0	\$0	\$0	\$722	83	83				
R-3	Preventive	\$2,779	\$0	\$0	\$0	\$2,779	82	82				
T-13	Preventive	\$807	\$0	\$0	\$0	\$807	71	71				
T-2	Preventive	\$21	\$0	\$0	\$0	\$21	88	88				
T-3	Preventive	\$1,086	\$0	\$0	\$0	\$1,086	67	67				
T-4	Preventive	\$37	\$0	\$0	\$0	\$37	80	80				

**CHESTER AIRPORT (15)**

**FIFTEEN YEAR PROJECTIONS** ESTIMATED AVERAGE ANNUAL COST: **\$80,132**

Plan Year: 2026		Estimated Cost:					\$6,737	PCI	
Section	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	Before	After	
A-11	Preventive	\$412	\$0	\$0	\$0	\$412	80	81	
A-5	Preventive	\$1,042	\$0	\$0	\$0	\$1,042	80	80	
R-3	Preventive	\$3,064	\$0	\$0	\$0	\$3,064	81	81	
T-13	Preventive	\$904	\$0	\$0	\$0	\$904	70	70	
T-2	Preventive	\$37	\$0	\$0	\$0	\$37	87	87	
T-3	Preventive	\$1,211	\$0	\$0	\$0	\$1,211	66	66	
T-4	Preventive	\$68	\$0	\$0	\$0	\$68	77	77	

Plan Year: 2027		Estimated Cost:					\$8,677	PCI	
Section	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	Before	After	
A-11	Preventive	\$722	\$0	\$0	\$0	\$722	78	78	
A-5	Preventive	\$2,099	\$0	\$0	\$0	\$2,099	77	77	
R-3	Preventive	\$3,349	\$0	\$0	\$0	\$3,349	80	80	
T-13	Preventive	\$1,019	\$0	\$0	\$0	\$1,019	68	68	
T-2	Preventive	\$52	\$0	\$0	\$0	\$52	85	85	
T-3	Preventive	\$1,335	\$0	\$0	\$0	\$1,335	64	64	
T-4	Preventive	\$99	\$0	\$0	\$0	\$99	75	75	

Plan Year: 2028		Estimated Cost:					\$11,216	PCI	
Section	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	Before	After	
A-11	Preventive	\$1,076	\$0	\$0	\$0	\$1,076	76	76	
A-5	Preventive	\$3,153	\$0	\$0	\$0	\$3,153	74	75	
R-3	Preventive	\$4,196	\$0	\$0	\$0	\$4,196	79	79	
T-13	Preventive	\$1,134	\$0	\$0	\$0	\$1,134	67	67	
T-2	Preventive	\$68	\$0	\$0	\$0	\$68	84	84	
T-3	Preventive	\$1,460	\$0	\$0	\$0	\$1,460	63	63	
T-4	Preventive	\$130	\$0	\$0	\$0	\$130	72	73	

Plan Year: 2029		Estimated Cost:					\$370,555	PCI	
Section	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	Before	After	
A-11	Preventive + Global MR	\$1,433	\$14,520	\$0	\$0	\$15,953	74	81	
A-5	Preventive + Global MR	\$4,213	\$208,172	\$0	\$0	\$212,385	72	87	
R-3	Preventive + Global MR	\$5,340	\$117,299	\$0	\$0	\$122,639	79	81	
T-13	Preventive + Global MR	\$1,250	\$5,984	\$0	\$0	\$7,234	66	70	
T-2	Preventive + Global MR	\$83	\$3,689	\$0	\$0	\$3,772	82	87	
T-3	Preventive + Global MR	\$1,585	\$5,720	\$0	\$0	\$7,305	61	66	
T-4	Preventive + Global MR	\$161	\$1,105	\$0	\$0	\$1,266	70	78	

Plan Year: 2030		Estimated Cost:					\$7,014	PCI	
Section	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	Before	After	
A-11	Preventive	\$640	\$0	\$0	\$0	\$640	79	79	
A-5	Preventive	\$591	\$0	\$0	\$0	\$591	84	84	
R-3	Preventive	\$3,324	\$0	\$0	\$0	\$3,324	80	80	
T-13	Preventive	\$1,003	\$0	\$0	\$0	\$1,003	69	69	
T-2	Preventive	\$50	\$0	\$0	\$0	\$50	85	85	
T-3	Preventive	\$1,316	\$0	\$0	\$0	\$1,316	64	64	
T-4	Preventive	\$91	\$0	\$0	\$0	\$91	76	76	

Plan Year: 2031		Estimated Cost:					\$8,693	PCI	
Section	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	Before	After	
A-11	Preventive	\$994	\$0	\$0	\$0	\$994	77	77	
A-5	Preventive	\$854	\$0	\$0	\$0	\$854	81	81	
R-3	Preventive	\$4,099	\$0	\$0	\$0	\$4,099	80	80	
T-13	Preventive	\$1,119	\$0	\$0	\$0	\$1,119	67	67	
T-2	Preventive	\$65	\$0	\$0	\$0	\$65	84	84	
T-3	Preventive	\$1,440	\$0	\$0	\$0	\$1,440	63	63	
T-4	Preventive	\$122	\$0	\$0	\$0	\$122	73	73	

Plan Year: 2032		Estimated Cost:					\$11,194	PCI	
Section	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	Before	After	
A-11	Preventive	\$1,349	\$0	\$0	\$0	\$1,349	75	75	
A-5	Preventive	\$1,568	\$0	\$0	\$0	\$1,568	78	79	
R-3	Preventive	\$5,244	\$0	\$0	\$0	\$5,244	79	79	
T-13	Preventive	\$1,234	\$0	\$0	\$0	\$1,234	66	66	
T-2	Preventive	\$81	\$0	\$0	\$0	\$81	83	83	
T-3	Preventive	\$1,566	\$0	\$0	\$0	\$1,566	61	61	
T-4	Preventive	\$153	\$0	\$0	\$0	\$153	71	71	

**CHESTER AIRPORT (15)**

**FIFTEEN YEAR PROJECTIONS** **ESTIMATED AVERAGE ANNUAL COST: \$80,132**

Plan Year: 2033

Section	Maintenance	Local	Global	Major<Crit	Major>Crit	Estimated Cost: Total	PCI	
							Before	After
A-11	Preventive	\$1,705	\$0	\$0	\$0	\$1,705	73	73
A-5	Preventive	\$2,629	\$0	\$0	\$0	\$2,629	76	76
R-3	Preventive	\$6,375	\$0	\$0	\$0	\$6,375	78	78
T-13	Preventive	\$1,349	\$0	\$0	\$0	\$1,349	65	65
T-2	Preventive	\$96	\$0	\$0	\$0	\$96	81	81
T-3	Major Below Critical	\$0	\$0	\$50,702	\$0	\$50,702	60	100
T-4	Preventive	\$190	\$0	\$0	\$0	\$190	68	69