



## BOULDER CITY AIRPORT

### Pavement Condition

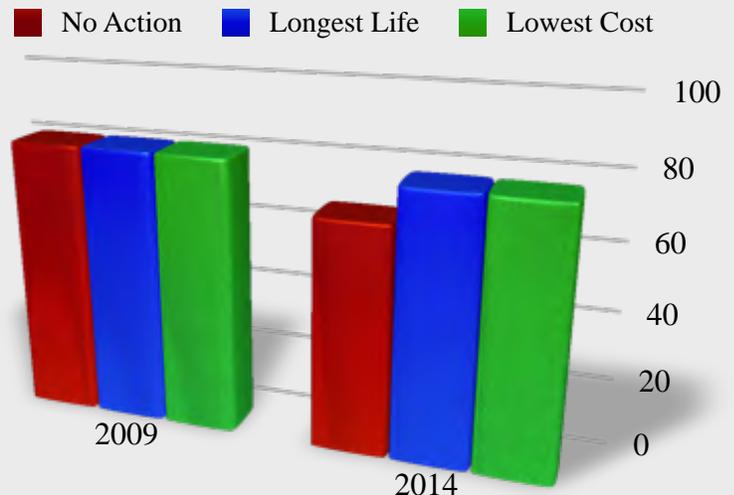
The average projected Pavement Condition Index (PCI) for all of the airfield pavements was **81**. The runways had an average projected PCI of **73** and were above the desired minimum service level (MSL) of **60**.

### Maintenance Needs

PCI analysis identified approximately **\$20,000** in pavement maintenance needs, such as patching, slab replacement, and crack sealing, that could be completed immediately.

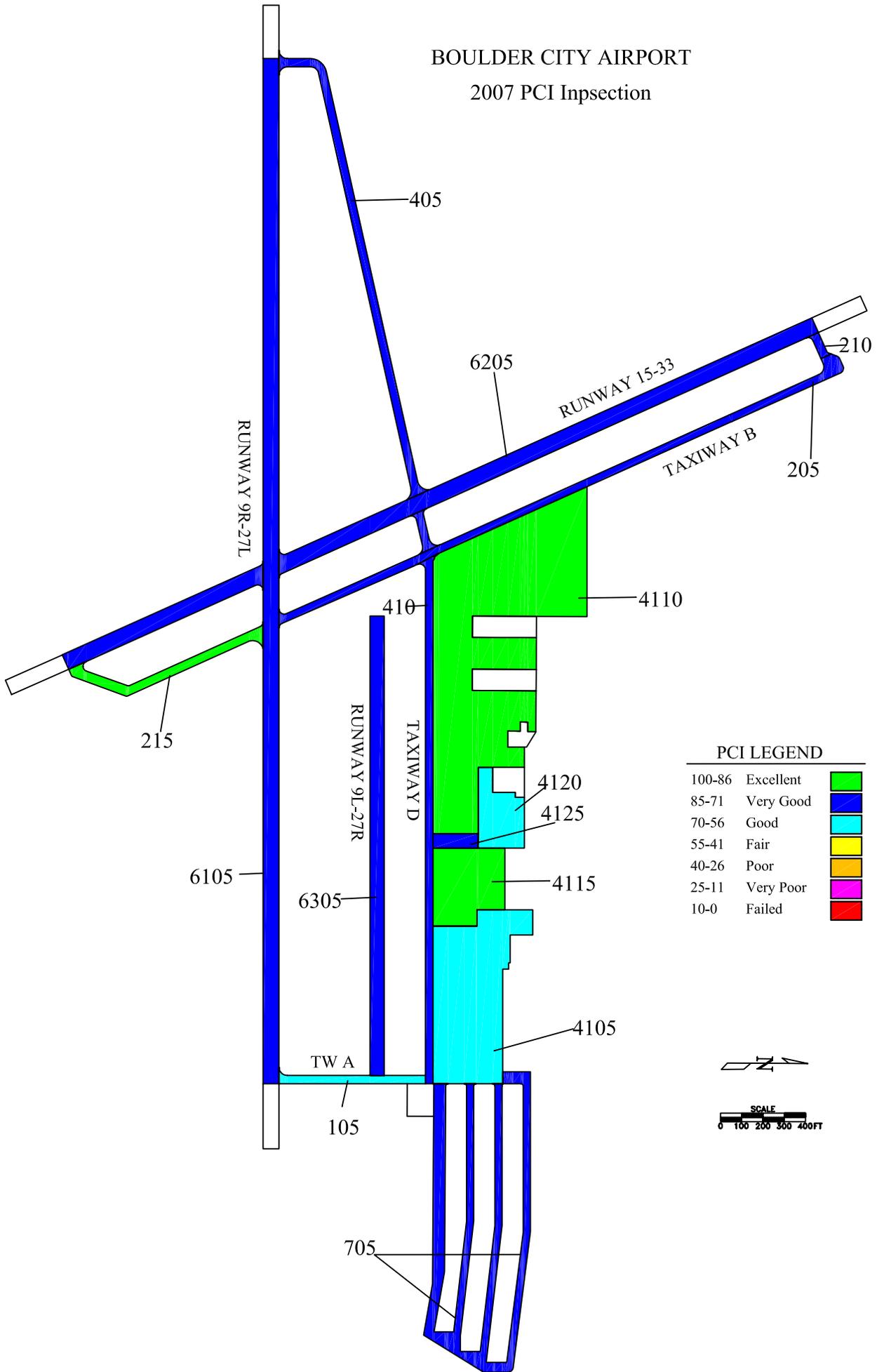
### Capital Needs

The following graph shows the projected pavement condition. If no action is taken, the average PCI is projected to fall from **81** to **67** by **2013**. Selecting the longest life repair strategy is projected to cost approximately **\$1.1 million**. The lowest annual cost repairs are projected to cost **\$784,000**.



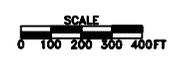
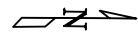
# BOULDER CITY AIRPORT

## 2007 PCI Inpsection



### PCI LEGEND

100-86	Excellent	<span style="color: green;">■</span>
85-71	Very Good	<span style="color: blue;">■</span>
70-56	Good	<span style="color: cyan;">■</span>
55-41	Fair	<span style="color: yellow;">■</span>
40-26	Poor	<span style="color: orange;">■</span>
25-11	Very Poor	<span style="color: magenta;">■</span>
10-0	Failed	<span style="color: red;">■</span>



# PCI HISTORY

FEATURE	PCI	TYPE	AGE	DET. RATE
105	60	AC	17	2.4
205	79	AC	5	4.2
210	75	AC	5	5
215	100	AC	3	0
405	74	AC	5	5.2
410	77	AC	5	4.6
705	82	AC	5	3.6
4105	70	AC/AC	9	3.3
4110	100	AC	0	N/A
4115	99	AC	9	0.1
4120	70	AC	9	3.3
4125	83	AC	17	1
6105	75	AC	5	5
6205	78	AC/AC	9	2.4
6305	74	AC	5	5.2

# VIABLE CIP ACTIONS

FEATURE	ACTION YR	ACTION	COST (\$)	LIFE EXT
105	2011	Surface Treatment	9,416	8
105	2011	Crack Repair	2,329	1
105	2011	Resurfacing	32,889	17

# VIABLE CIP ACTIONS

FEATURE	ACTION YR	ACTION	COST (\$)	LIFE EXT
205	2015	Crack Repair	10,684	1
205	2015	Resurfacing	139,749	17
210	2012	Crack Repair	446	1
210	2012	Resurfacing	5,979	17
215	2008	No Action	0	0
405	2012	Surface Treatment	28,845	7
405	2012	Crack Repair	9,269	1
405	2012	Resurfacing	98,604	17
410	2014	Surface Treatment	35,364	7
410	2014	Resurfacing	122,199	17
705	2019	Resurfacing	288,723	17
4105	2013	Surface Treatment	102,697	7
4105	2013	Resurfacing	356,674	17
4110	2008	No Action	0	0
4115	2008	No Action	0	0
4120	2014	Surface Treatment	24,195	8
4120	2014	Crack Repair	10,462	1
4120	2014	Resurfacing	82,718	17
4125	2008	No Action	0	0
6105	2011	Crack Repair	47,107	1
6105	2011	Resurfacing	467,999	15
6205	2016	Resurfacing	367,379	15
6305	2011	Resurfacing	168,609	15
6305	2011	Crack Repair	12,117	1