



FALLON MUNICIPAL AIRPORT

Pavement Condition

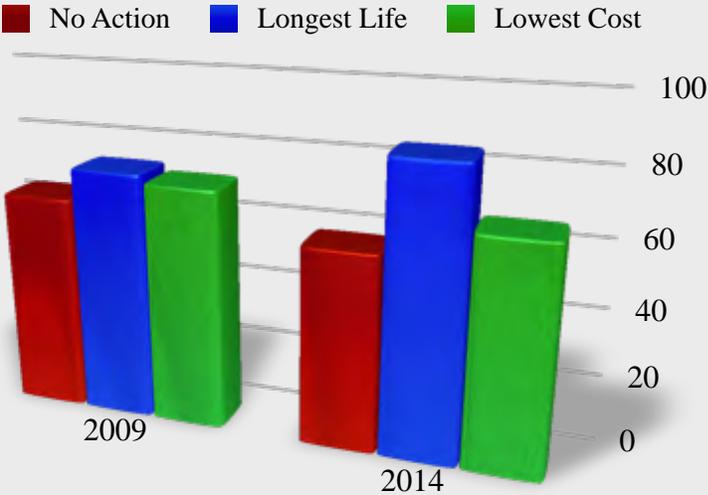
The average projected Pavement Condition Index (PCI) for all of the airfield pavements was **64**. The runways had an average projected PCI of **65** and were above the desired minimum service level (MSL) of **60**.

Maintenance Needs

PCI analysis identified approximately **\$55,000** in pavement maintenance needs, such as patching and crack sealing, that could be completed immediately.

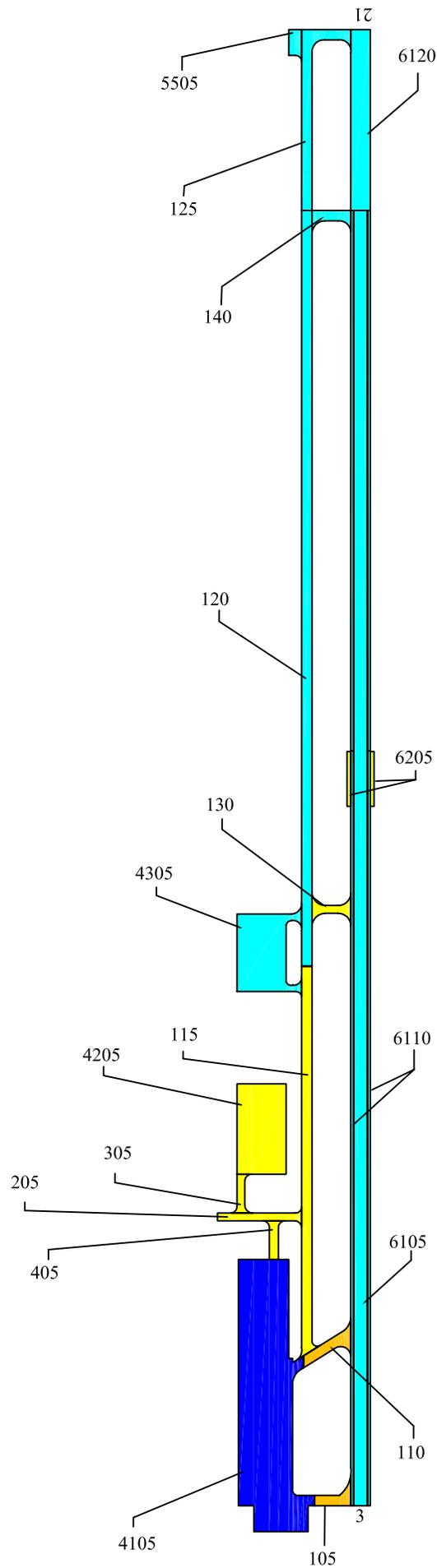
Capital Needs

The following graph show the projected pavement condition. If no action is taken, the average PCI is projected to fall from **64** to **58** by **2014**. Selecting the longest life repair strategy is projected to cost approximately **\$883,000**. The lowest annual cost repairs are projected to cost **\$220,000**.



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2007 PCI Inpsection



PCI LEGEND

100-86	Excellent	
85-71	Very Good	
70-56	Good	
55-41	Fair	
40-26	Poor	
25-11	Very Poor	
10-0	Failed	



PCI HISTORY

FEATURE	PCI	TYPE	AGE	DET. RATE
105	34	AC/AC	39	1.7
110	38	AC/AC	19	3.3
115	44	AC	28	2
120	58	AC	28	1.5
125	62	AC	17	2.2
130	49	AC	28	1.8
140	68	AC	28	1.1
205	54	AC	25	1.8
305	52	AC	22	2.2
405	46	AC	22	2.5
4105	84	AC	10	1.6
4205	49	AC	22	2.3
4305	60	AC	17	2.4
5505	63	AC	17	2.2
6105	66	AC/AC	27	1.3
6110	67	AC	25	1.3
6120	68	AC	17	1.9
6205	44	AC	25	2.2

VIABLE CIP ACTIONS

FEATURE	ACTION YR	ACTION	COST (\$)	LIFE EXT
110	AC/AC	Surface Treatment	4,640	3
110	AC/AC	Reconstruction	42,615	26
115	AC	Surface Treatment	30,442	6
115	AC	Resurfacing	78,649	17
120	AC	Crack Repair	11,466	3
120	AC	Resurfacing	152,099	17
125	AC	Surface Treatment	14,130	10
125	AC	Crack Repair	1,664	3
125	AC	Resurfacing	45,889	17
130	AC	Surface Treatment	2,923	6
130	AC	Crack Repair	1,018	1
130	AC	Structural Overlay	15,119	17
140	AC	Crack Repair	643	3
140	AC	Resurfacing	8,475	17
205	AC	Surface Treatment	4,624	8
205	AC	Crack Repair	1,325	2
205	AC	Resurfacing	13,259	17
305	AC	Crack Repair	567	1
305	AC	Resurfacing	6,343	17
405	AC	Structural Overlay	10,281	17
405	AC	Reconstruction	21,420	26
4205	AC	Surface Treatment	32,302	7
4205	AC	Crack Repair	8,052	3
4205	AC	Resurfacing	86,449	17

VIABLE CIP ACTIONS

FEATURE	ACTION YR	ACTION	COST (\$)	LIFE EXT
4305	AC	Surface Treatment	26,575	10
4305	AC	Crack Repair	4,403	2
4305	AC	Resurfacing	79,949	17
5505	AC	Surface Treatment	2,153	10
5505	AC	Crack Repair	401	2
5505	AC	Resurfacing	6,499	17
6105	AC/AC	Crack Repair	48,210	3
6105	AC/AC	Resurfacing	345,409	15
6110	AC	Surface Treatment	41,553	8
6110	AC	Crack Repair	20,881	1
6110	AC	Resurfacing	143,389	15
6120	AC	Surface Treatment	19,979	10
6120	AC	Crack Repair	1,847	3
6120	AC	Resurfacing	68,249	15
6205	AC	Resurfacing	8,189	15
6205	AC	Surface Treatment	2,586	3