



ELY AIRPORT

Pavement Condition

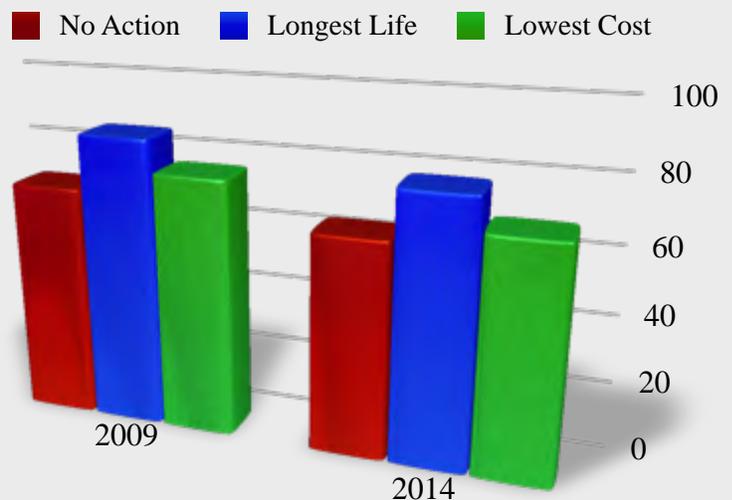
The average projected Pavement Condition Index (PCI) for all of the airfield pavements was **69**. The runways had an average projected PCI of **70** and were above the desired minimum service level (MSL) of **65**.

Maintenance Needs

PCI analysis identified approximately **\$180,000** in pavement maintenance needs, such as patching and crack sealing, that could be completed immediately.

Capital Needs

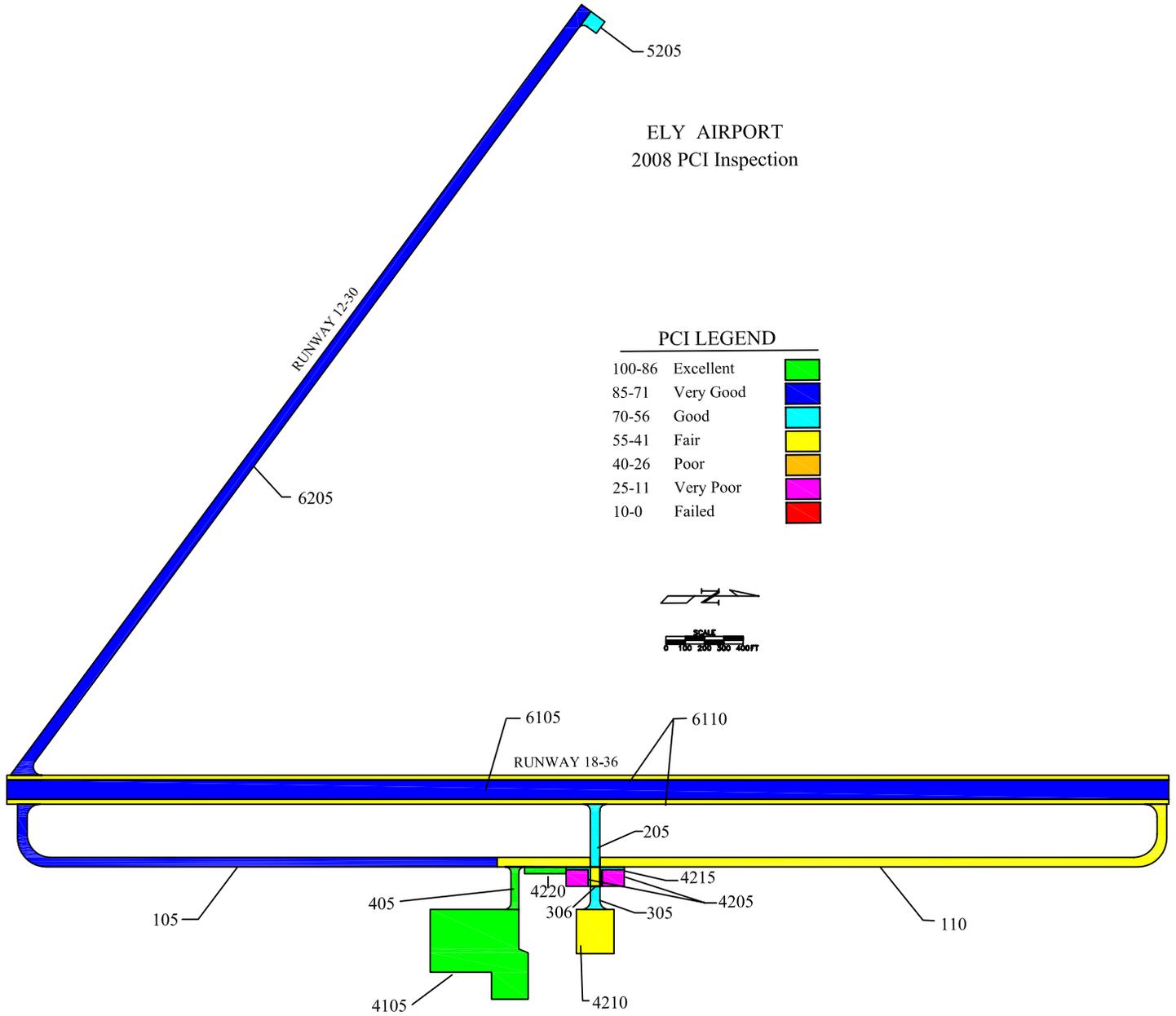
The following graph show the projected pavement condition. If no action is taken, the average PCI is projected to fall from **69** to **64** by **2014**. Selecting the longest life repair strategy is projected to cost approximately **\$1.5 million**. The lowest annual cost repairs are projected to cost approximately **\$1.1 million**.



ELY AIRPORT
2008 PCI Inspection

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 | 77 | AC | 25 | 0.9 |
| 110 | 45 | AC/AC | 25 | 2.2 |
| 205 | 56 | AC/AC | 25 | 1.8 |
| 305 | 56 | AC/AC | 25 | 1.8 |
| 306 | 41 | AC/PCC | 25 | 2.4 |
| 405 | 100 | AC | 0 | N/A |
| 4105 | 100 | AC | 0 | N/A |
| 4205 | 25 | PCC | 48 | 1.6 |
| 4210 | 52 | AC/AC | 25 | 1.9 |
| 4215 | 70 | AC/PCC | 25 | 1.2 |
| 4220 | 100 | AC | 0 | N/A |
| 5205 | 69 | AC | 23 | 1.3 |
| 6105 | 77 | AC | 16 | 1.4 |
| 6110 | 55 | AC/AC | 28 | 1.6 |
| 6205 | 74 | AC | 23 | 1.1 |

VIABLE CIP ACTIONS

| FEATURE | ACTION YR | ACTION | COST (\$) | LIFE EXT |
|---------|-----------|--------------------|-----------|----------|
| 110 | 2009 | Reconstruction | 821,250 | 19 |
| 110 | 2009 | Structural Overlay | 521,949 | 15 |
| 110 | 2009 | Surface Treatment | 71,798 | 1 |
| 205 | 2009 | Resurfacing | 21,709 | 15 |
| 305 | 2009 | Structural Overlay | 19,590 | 15 |
| 306 | 2009 | Reconstruction | 22,500 | 19 |
| 306 | 2009 | Structural Overlay | 14,299 | 14 |
| 4205 | 2009 | Reconstruction | 194,522 | 21 |
| 4205 | 2009 | Repair and Overlay | 89,538 | 14 |
| 4210 | 2009 | Resurfacing | 58,044 | 15 |
| 4215 | 2016 | Crack Repair | 1,463 | 2 |
| 4215 | 2016 | Resurfacing | 8,027 | 14 |
| 5205 | 2017 | Crack Repair | 651 | 2 |
| 5205 | 2017 | Resurfacing | 9,541 | 15 |
| 5205 | 2017 | Surface Treatment | 2,892 | 8 |
| 6110 | 2009 | Crack Repair | 206,461 | 1 |
| 6110 | 2009 | Resurfacing | 390,519 | 13 |
| 6205 | 2018 | Crack Repair | 34,177 | 2 |
| 6205 | 2018 | Resurfacing | 388,504 | 13 |