



LOVELOCK / DERBY FIELD AIRPORT

Pavement Condition

The average projected Pavement Condition Index (PCI) for all of the airfield pavements was **82**.

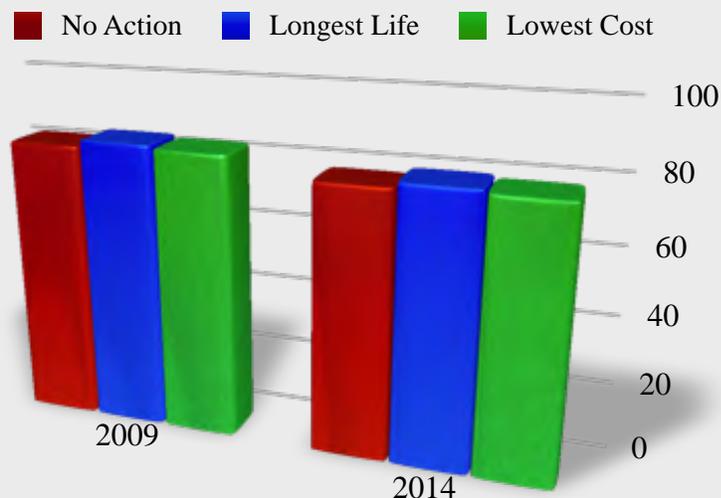
The runways also had an average projected PCI of **82** and were above the desired minimum service level (MSL) of **60**.

Maintenance Needs

PCI analysis identified approximately **\$17,000** in pavement maintenance needs, such as patching and crack sealing, that could be completed immediately.

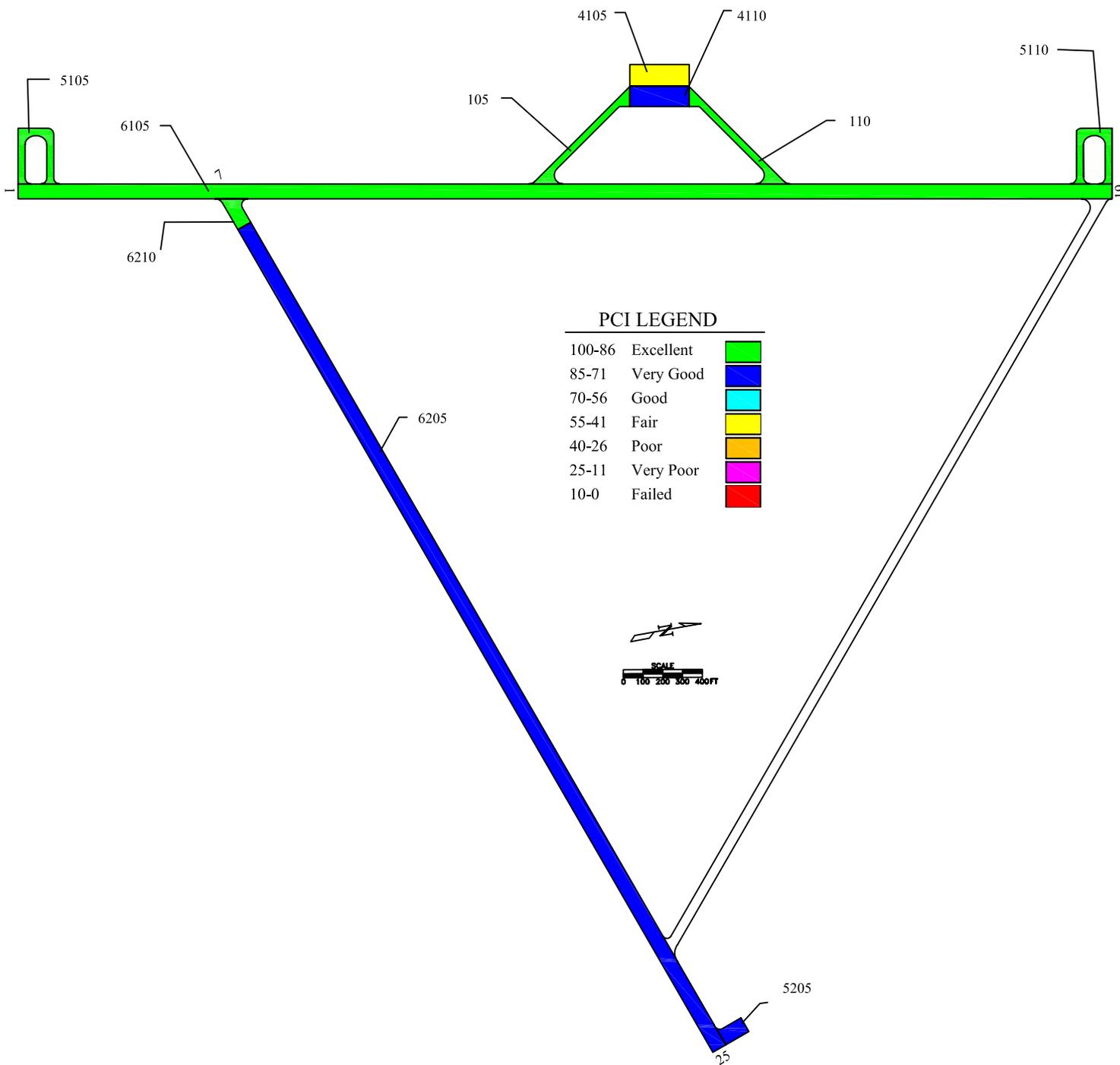
Capital Needs

The following graph show the projected pavement condition. If no action is taken, the average PCI is projected to fall from **82** to **78** by **2013**. Selecting the longest life repair strategy is projected to cost approximately **\$154,000**. The lowest annual cost repairs are projected to cost **\$11,000**.



DERBY FIELD AIRPORT

2007 PCI Inspection



PCI HISTORY

| FEATURE | PCI | TYPE | AGE | DET. RATE |
|---------|-----|-------|-----|-----------|
| 105 | 94 | AC/AC | 8 | 0.8 |
| 110 | 98 | AC/AC | 8 | 0.3 |
| 4105 | 45 | PCC | 39 | 1.4 |
| 4110 | 73 | AC | 16 | 1.7 |
| 5105 | 95 | AC | 8 | 0.6 |
| 5110 | 99 | AC | 8 | 0.1 |
| 5205 | 75 | AC | 16 | 1.6 |
| 6105 | 90 | AC | 8 | 1.3 |
| 6205 | 75 | AC | 16 | 1.6 |
| 6210 | 93 | AC/AC | 8 | 0.9 |

VIABLE CIP ACTIONS

| FEATURE | ACTION YR | ACTION | COST (\$) | LIFE EXT |
|---------|-----------|-------------------------|-----------|----------|
| 4105 | 2008 | Patching / Joint Repair | 10,992 | 6 |
| 4105 | 2008 | Repair and Overlay | 153,779 | 15 |