



ROSASCHI AIR PARK

Pavement Condition

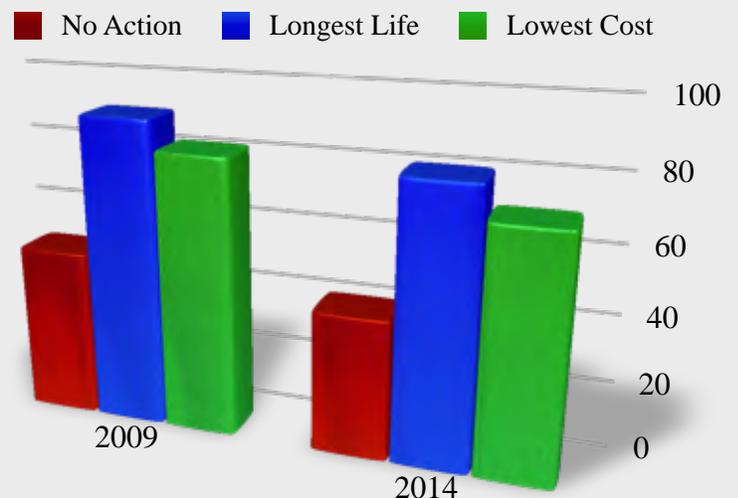
The average projected Pavement Condition Index (PCI) for all of the airfield pavements was **50**. The runway had an average projected PCI of **52** and was below the desired minimum service level (MSL) of **60**.

Maintenance Needs

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

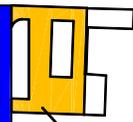
Capital Needs

The following graph show the projected pavement condition. If no action is taken, the average PCI is projected to fall from **50** to **41** by **2014**. Selecting the longest life repair strategy is projected to cost approximately **\$540,000**. The lowest annual cost repairs are projected to cost **\$380,000**.

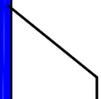


52

ROSASCHI AIR PARK 2009 PCI Inspection



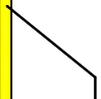
4105



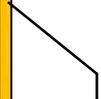
6105

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 | |



6110



6115



7

PCI HISTORY

| FEATURE | PCI | TYPE | AGE | DET. RATE |
|---------|-----|------|-----|-----------|
| 4105 | 40 | AC | 19 | 3.2 |
| 6105 | 71 | AC | 19 | 1.5 |
| 6110 | 47 | AC | 19 | 2.8 |
| 6115 | 34 | AC | 19 | 3.5 |

VIABLE CIP ACTIONS

| FEATURE | ACTION YR | ACTION | COST (\$) | LIFE EXT |
|---------|-----------|--------------------|-----------|----------|
| 4105 | 2009 | Structural Overlay | 123,837 | 17 |
| 4105 | 2009 | Surface Treatment | 18,594 | 2 |
| 4105 | 2009 | Reconstruction | 194,850 | 22 |
| 6105 | 2020 | Surface Treatment | 25,048 | 8 |
| 6105 | 2020 | Crack Repair | 1,873 | 3 |
| 6105 | 2020 | Resurfacing | 83,199 | 15 |
| 6110 | 2009 | Structural Overlay | 100,671 | 15 |
| 6115 | 2009 | Reconstruction | 244,800 | 19 |
| 6115 | 2009 | Structural Overlay | 155,583 | 15 |