

## **SECTION V**

### **Pavement Evaluation Summary Sheets**

### **Recommendations / Costs**

### **Photographs**

A separate summary is provided for each tested road segment. The summary includes:

A summary of the pavement recommendations. We have provided several options for the City's consideration. To assist the City, we have also provided estimated costs and estimated life expectancies based on the proposed treatment. The life expectancies are based on industry standards. The estimated costs are based on 2012 bid prices. The costs are subject to change. The costs include a 10% contingency and 15% soft costs. The recommendations are broken down into three categories; overlay options, recycle and mill and replace options, and reconstruction options.

A graphic representation of the road segment, showing the core locations.

A visual description of the pavement.

A coring log listing the core number, location, core results and R-values.

A summary of the deflection analysis.

Included with each evaluated street segment are deflection summary pages, R-value test results and photos of the existing condition of the pavement.

The deflection summary sheets contain a summary of the pavement's existing condition, traffic index used in analysis, recommendations for maintenance / rehabilitation and costs. The deflection testing, in conjunction with the traffic index and existing pavement thickness, determines the structural adequacy of a pavement. Deflection measurements of pavements are an important aid to proper design, maintenance and performance.

R-value test results provide an important understanding of what kind of foundation the road is built on. Low R-values mean that a thicker structural section is needed. They also guide the designer in selecting construction techniques that will not cause constructability issues during construction.

Photographs of the pavement's current condition are included.

Each evaluated street segment is tabbed for easy reference.