

## CITY OF LAKE DALLAS, TEXAS

### USED **ROADBOND EN 1** TO ENHANCE THE BENEFIT OF PORTLAND CEMENT & FLYASH

In the past, the City of Lake Dallas utilized Full Depth Reclamation and 6% Portland cement to recycle and stabilize its streets. The resulting block cracks were an accepted result along with the tremendous amount of cement dust released into the air during construction.

In December 2002, the first reclamation project using **Roadbond EN 1** and 50% less Portland cement was installed. The construction benefits were readily recognized. These benefits include a cost savings of \$0.75 per SY, 50% less dust particulate released into the air and less water required to process the material.

**Roadbond EN 1** saves time. It is a time consuming process to place bulk Portland cement at the start of each day. Moreover, when one considers the time spent waiting for bulk loads of Portland cement to arrive at the job site and delays due to Portland cement shortages, much time is wasted using Portland cement.

**Roadbond EN 1** cuts this wasted time in half and because **Roadbond EN 1** goes directly into the water used to process the material, it requires no additional time to use.

The real savings results from better streets that require less maintenance. The most recent street in Lake Dallas recycled the old way with 6% Portland cement was 3 years old. One could easily see the cracks and the required seals.

The oldest street recycled the better way with **Roadbond EN 1** and less Portland cement has no cracks or failures of any kind.

### **SAVE TIME, MONEY AND NATURAL RESOURCES WITH ROADBOND EN 1**



**With 6% Portland cement, 3 years old**



**The oldest road with Roadbond EN 1**

