

ECORoads CASE STUDY

## Mining Road: Zibo City, China

### KEY FACTS

**Date Built**  
2007

**Sponsor**  
BETE Company

**Distance**  
1.5 km

**Purpose / Use**  
Mining Access

**Soil Type**  
Clay

**Weather**  
10C to 40C;  
medium rainfall

**Performance**  
No maintenance  
required to date

**Construction Time**  
1 day

**Finishing**  
Single chip

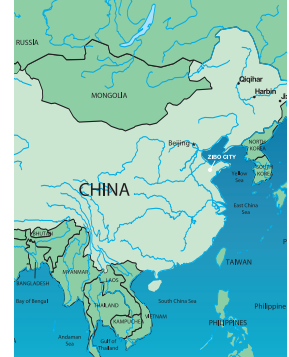
**Lab Testing**  
Huizhou Geological

### ECORoads Builds Pathways to the Future

Over the next two decades, global infrastructure spending is expected to total \$25 to \$30-trillion dollars, with a sizeable portion of that being spent by the Chinese, who are expected to spend no less than \$200 billion, 40% of which is going towards transportation systems. Along with building and upgrading 300,000 kilometers of rural roads in 2009, The People's Republic hopes to expand what is already the world's second largest expressway network by 40% over the next decade. With ECORoads, these rising costs can be mitigated by up to 40% by reducing the need for importing aggregates used in road construction while simultaneously cutting the road's carbon footprint.

In 2007, TerraFusion partnered with a local distributor to build a demo road for mining purposes in Zibo City using ECORoads. The 1.5 kilometer road was built in one day using local soil material — largely clay — with a single chip seal coating. Despite having 50-ton trucks use the road on a regular basis, to date the road has had no maintenance or repair requirements whatsoever.

We are proud and excited that ECORoads will be part of helping China grow and green its infrastructure in the coming years.



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