

ECORoads CASE STUDY

## Mining Road: Casablanca Area, Morocco

### KEY FACTS

**Date Built**  
2001

**Sponsor**  
AlterTech, Inc.

**Distance**  
1 km

**Purpose / Use**  
Mining Access

**Soil Type**  
Sandy Clay

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

**Performance**  
Seven years of 6-day / week use with no need for maintenance or repair

**Construction Time**  
1 day

**Finishing**  
1/4 inch double chip seal

**Lab Testing**  
LPEE

### ECORoads Redefines Expectations for Mining Roads

Mining roads are famous for requiring almost daily maintenance, re-grading and repair, often requiring the commitment of a full-time grader, water truck and operating professionals. This is a costly and time-consuming endeavor that has until recently simply been part of life for mining operations.

In 2001, TerraFusion was asked by **Altertech**, a materials and construction company, to construct a number of mining roads in four distinct areas of the country of Morocco. The longest of these roads was a 1 kilometer mining access road, built entirely from local materials — no mineral aggregates were used — and capped with a double chip seal. The road has been in constant use for the past 8 years, with 40-ton and heavier mining trucks using the road 6 days a week.

In all this time, the road has exhibited no pot holes or rutting, and has required no significant maintenance of any kind. According to Altertech, the road continues to perform as designed, at a great savings to the mining company.



*“We have been working with ECORoads for the past five years, with great results, completing roads in different parts of Morocco, including Rabat, Casablanca, Marrakesh and Ouarzazate. We have been most impressed with this technology and how it has produced such amazing results for us.”*

Hassan Hamdi  
CEO, Altertech  
Morocco

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