

# Ghana



## 2019 – Ekumfi & Ejisu Roads

- December 2018
- The Ghana Ministry of Roads and Highways embarked on testing Smart Materials, supplied by Polyroads on two rural roads, namely Ekumfi-Dunkwa feeder road and the Ejisu Bypass.
- The objective of the tests were to ascertain the performance of SoilTech and AsphalTech on insitu marginal road materials
- The roads base-layers were stabilized to a depth of 150mm using 1.5 litres of SoilTech Mk. III polymer stabilizer
- and then sealed with a 20<sup>mm</sup> AsphalTech wearing course seal, laid by hand - in order to evaluate the possibility of job creation in applying seals
- Tests were conducted 1, 15, 30 and 60 days after stabilization
- **Report by Ernest K. Arthur – CEO (MRH)**
  - *Soil Tech Mk III is an effective soil stabilizer and recommended for use in upgrading the physical properties of marginal soils*
  - *The use of Asphaltech chemical... is equally recommended ...*

- SoilTech Mk. III binder - Internationally Agrément Certified



- Roads - 10 Year Warranty with maintenance contract

### • SMART MATERIALS

- Internationally certified - WFTAO
- Uses insitu materials
- Stronger roads
- Quicker construction
- Cost effective
- Longevity
- Job creation

### • SMART MATERIALS USES

- Road Stabilization
- Side walks
- Parking lots
- Natural Seals
- Cycling paths
- Dam Lining

