



## DIRECÇÃO DE ESTRADAS NACIONAIS

### MEMORANDO

**DE: P. Carvalho – Especialista de Materiais - RMPC – DEN**

**CC: Engº N. Nunes – Director DEN – ANE**

**: Anyway Solutions – Mr Nir Izhaki – Business Development**

**PARA: Engº F. Pereira – Presidente do Fundo de Estradas**

**DATA: 07-02-2006**

**ASSUNTO: CONSTRUCTION & TESTING OF A TRIAL SECTION STABILIZED WITH R.B.I. GRADE 81**

This memo serves to confirm that:

1. RBI Grade 81 chemical stabilizer was submitted to ANE in November 2003 as a possible solution for the stabilization of the sub-standard road construction materials;
2. Following the supplier's instructions as far as laboratory applications are concerned, this chemical was submitted to ANE's protocol which in summary calls for:
  - a. Testing under laboratory conditions of fine sand stabilized with RBI 81;
  - b. Although the product is applied under laboratory conditions following the suppliers specifications, ALL of the tests were carried out by ANE's laboratory following SATCC Standard Specifications;
  - c. After the testing is completed a final report is compiled and presented to ANE's management with the Materials Section recommendations;
3. As far as RBI 81 is concerned ALL of the test met the Specifications Requirements and we can in fact say that of all of the chemicals tested to date by ANE under the present protocol, RBI 81 was the best performer;
4. The RMPC report called for the construction of a trial section under field conditions preferably adjacent to a cement stabilized road under construction;
5. This trial section should be at least 2 kilometers long;
6. The trial shall be build with full supervision of the suppliers technical staff but always under the ANES's overall control;
7. Once the trial is build it should be tested under APT (Accelerated Pavement Testing) conditions. For this an item should be included in the BoQ to cater for this cost.