These abstracts has been accepted for the AR2006 Conference. The authors have been invited to submit the full papers to be reviewed for possible acceptance for presentation and/or publication in the AR 2006 Conference and Proceedings.

- 35 years of use of asphalt-rubber in Arizona.
- A comparison study of rubberized asphalts binders made in the laboratory and filed conditions.
- A laboratory study on the modification of bitumen-rubber with a Fischer-Tropsch process wax.
- A new method to make polymer modified asphalt with crumb rubber and polyphosphoric acid: how to combine recycling and performance.
- A new solution for uncle Sam.
- A study of the use of recycled municipal solid waste (rubber and shredded tyres) in highway construction.
- Aging of rubber modified binders caused by SHRP accelerated aging processes.
- An APT study on the efficiency of asphalt-rubber overlays built in Brazil.
- AR-ACFC overlays as a pavement preservation strategy for PCCP.
- Asphalt rubber chip seal evaluation in California
- Asphalt rubber in Italy highways.
- Asphalt rubber mixtures in Portugal: practical application and performance.
- Asphalt rubber rheology: the zero shear viscosity analysis.
- Asphalt-rubber gap graded mix design concepts.
- Asphalt-rubber open graded friction course reduces tire pavement noise.
- Assessment of the rheological properties of asphalt rubber binder and its residual phases.
- Benchmarking of the performance of wet process method alternatives: terminal or continuous blend.
- Chemical modification of asphalt rubber with polyphosphoric acid.
- Chemically modified crumb rubber asphalt (CMCRA).
- Chemically stabilized rubberbitumens.
- Comparative of asphalts rubber produced in Brazil.
- Construction of the first field section of a flexible pavement using stone matrix asphalt with asphalt-rubber, without fibers, in the state of Bahia.
- Crumb rubber modification of binders: interaction and particle effects.
- Dust mitigation innovations in the city of Phoenix using asphalt-rubber.
- Effect of intensity of grinding on the properties of crumb rubber and its effects on AR binder.
- Effects of compaction temperature on rubberized asphalt mixes.
- Effects of crumb rubber and shale oil on low-temperature properties of binders.
- Effects of crumb rubber on aging of asphalt binders.

- European optimized quiet pavements versus standard U.S. asphalt rubber pavements - the NITE study findings.
- Evaluation of laboratory permeability and correlations to physical mechanical characteristics of asphalt mixes.
- Evaluation of the asphalt rubber regarding elastic recovery and according to south-african tests.
- Evaluation of tire wear emissions, friction and roughness characteristics of asphalt rubber pavements.
- Evaluation of visco-elastic properties in asphalt rubber and conventional mixes.
- Field and laboratory evaluation of asphalt-rubber hot mixtures on a heavy duty road in Brazil.
- Field testing of asphalt rubber/rubber aggregate as a surfacing material for recreational trails.
- Fifteen year performance of asphalt rubber overlay in city of Phoenix.
- Improvement of the functional pavement quality of brazilian pavements through asphalt rubber mixtures.
- In search of the best bitumen rubber asphalt in South Africa.
- Influence of crumb rubber gradation on asphalt rubber properties.
- Laboratory characterization and full-scale accelerated performance testing of Arizona crumb rubber asphalt and other modified asphalt systems
- Laboratory determination of the properties of crumb rubber modified (crabit) asphalt mixtures.
- Laboratory evaluation of Japanese asphalt-rubber mixtures.
- Laboratory investigation of dimensional changes of crumb rubber reacting with the asphalt binder.
- Laboratory studies of ageing in asphalt-rubber binder
- Mechanical evaluation of dense graded mixture prepared with asphalt rubber consider rubber content.
- Mechanical properties of hot mix asphalt s with crumbed rubber and other modifiers.
- Micromechanical crack modeling of viscoelastic asphalt composites with crumb rubber modified matrix.
- Mix design of CRM-HMAC using superpave gyratory compactor and performance testing of CRM-HMAC.
- Mixes for heavy traffic based on crumb rubber modified bitumen
- Multi-layer maintenance and rehabilitation strategies utilizing asphalt rubber binder.
- New testing methods to characterize asphalt binders modified with crumb rubber.
- Optimizing the use of crumb rubber by binary modification.
- Performance of a test track using crumb rubber asphalt and other modifiers.
- Prediction of asphalt pavement temperature using numerical methods.
- Prediction of asphalt rubber properties by using neural artificial networks.

- Recycling products from waste tires and car wrecks for use as binder and asphalt mix modifiers.
- Rehabiltation alternatives using new asphalt rubber mixtures with brazilian materials.
- Rheological behaviour of asphalt with crumbed rubber and other modifiers.
- Rheological properties of binders modified with crumb rubber and shale oil.
- Scrap tire management energy consumption options a cost benefit analysis.
- Sealing the deal.
- Study and application of asphalt rubber and rubberized pavement in China.
- Study of terminal blending asphalt rubber storage and the influence of the test method on high temperatures viscosity determination.
- Taiwan's experience on asphalt rubber pavement.
- Temperature influence in the hot mixes reflective cracking behaviour.
- Temperature influence on fatigue and stiffness properties of asphalt rubber and conventional mixes.
- The effect of crumb rubber modified asphalt mixtures on the structural response of pavements.
- The Influence of the binder type, air voids content, and aging on the performance of the asphalt rubber mixtures.
- The introduction of the South African bitumen-rubber technology to mainland China - a case study.
- The performance of asphalt-rubber and other materials in the Strategic Highway Research Program test sections on interstate 10 near Phoenix, Arizona.
- The rehabilitation of the EN1 major highway In Mozambique using a bitumen-rubber surface treatment.
- The total fracture energy approach to predict the thermal cracking potential of the asphalt rubber mixtures.
- Traffic-induced ground vibrations reduction through an innovative binder course with recycled crumb rubber.
- Use of asphalt rubber for old concrete pavement overlay.
- Use of open-porous friction course with asphalt-rubber for noise reduction in pavements.