

ARUBA

ARIKOK NATIONAL PARK - ROADS

Location	Arikok National Park
Client	National Authorising Officer (NAO) for EDF / Parke Nacional Arikok (ANP), Oranjestad
Financing	European Development Fund (EDF), Brussels
Period	2002 - 2003
Value of Services	0.115 million US\$



Project Description

Arikok National Park, with an area of 35 km² covers 18% of the total area of the island. It contains a unique landscape and is the habitat of several highly endangered species only found in Aruba. The EDF is financing the most urgent road improvement measures within the Park. Main beneficiary is the ANP.

The project includes the preparation of detailed engineering design and tender documents including the execution of an environmental impact assessment for the upgrading of selected road sections within the ANP.

The design is for light vehicles only, up to the axle load of mini busses with a max. carrying capacity of 9 passengers. It was decided to optimise the improvement measures in order to avoid extensive earthworks and to reduce expected physical and biological environmental impacts. In total, approximately 16 km of Park roads were considered as priority sections. Appropriate measures are taken up in the design that road users are encouraged and physically "softly reminded" not to exceed a speed limit of 20 km/h.

Scope of Services

Consulting services to the NAO for EDF / Parke Nacional Arikok:

- Inventory and engineering investigations
- Topographical survey
- Consultations with stakeholders and authorities
- Environmental impact assessment and impact mitigation measures
- Pavement design
- Geometric design
- Structural design of drainage structures
- Tender documents for construction works
- Cost estimates