



#### CUT & FILL

The first operation consists of removing unsuitable top soil, preparing the existing ground to receive fill, and to cut high points to achieve the designed profile.



#### RUMBLING STRIPS

Yellow stripes force the fast drivers to reduce speed as they approach a T-junction on the road, without causing any damage to vehicles.



#### SLOPES

The slopes of the finished road section are trimmed to merge progressively with the natural ground to avoid possible rollovers and accumulation of sand.

#### HOT MIX PLANT

Marini semi-mobile 120 T per hour hot mix asphalt plant was mobilized to site to produce the required quantity of asphalt.

Bitumen 60/70 was used as prime coat to seal the aggregate base course layer.



#### ROAD ON BLOCK 6 (PDO) - (EPC)

Petroleum Development Oman (PDO) awarded a 20-year contract to build, operate, and own (BOO) the Nimr Water Treatment Plant to Bauer Nimr.

The Plant is about 23 km away from the central processing facility in Nimr.

Considering the longevity of the project and the frequent commuting between the plant and Nimr, it was decided by PDO to build an asphalt road to minimize travelling time, road traffic hazards, and vehicle maintenance.

Sarooj produced locally the aggregate base course materials.

A brand new Marini semi-mobile asphalt plant of 120 T per hour capacity was mobilized to site.

The project design was carried out in-house and verified by a third party.

Being present in the area, Sarooj extended its services to other contractors requiring asphalt works to be done on their contracts.

They worked particularly on asphaltting roundabouts, road junctions, deceleration and acceleration lanes.

#### HAND MARKING

Where marking machine cannot be used, skilled labour complete the work by hand using the same thermoplastic hot paint.

Pre-marking is defined by land surveyors, as per drawings.

