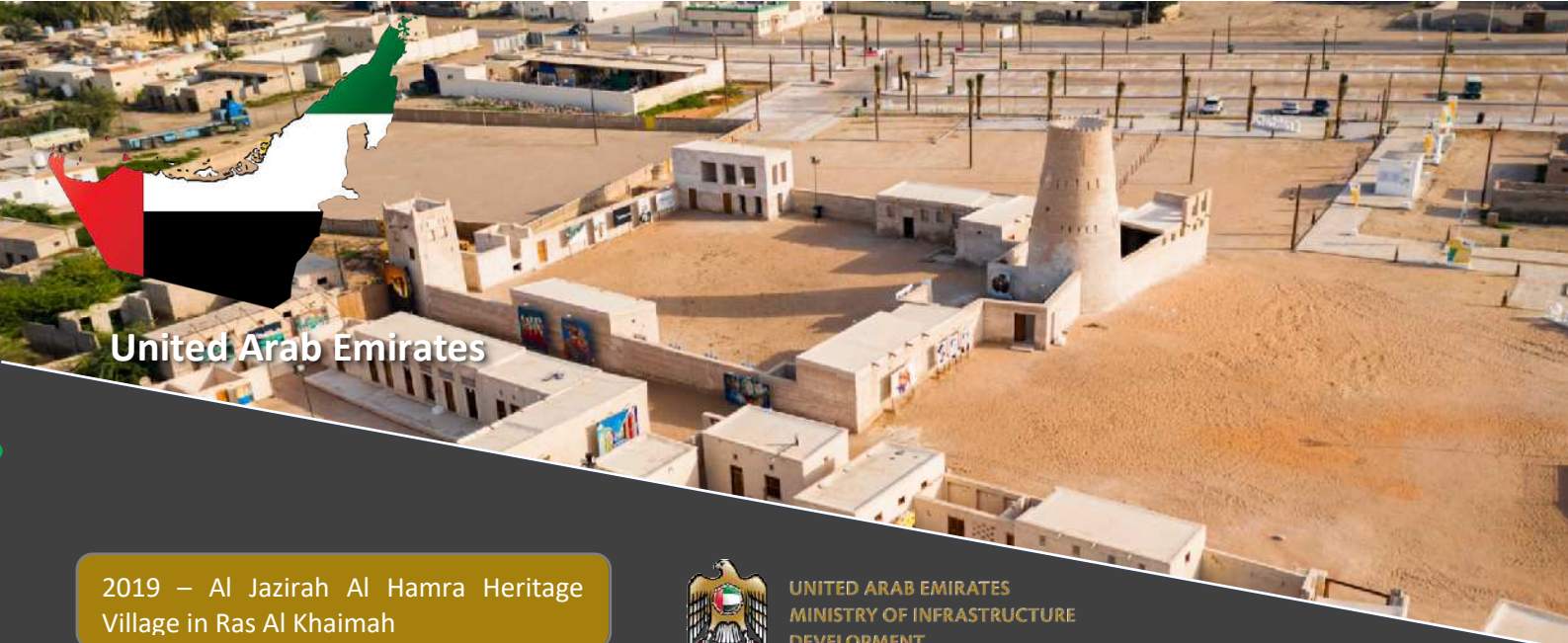




## United Arab Emirates



### 2019 – Al Jazirah Al Hamra Heritage Village in Ras Al Khaimah



UNITED ARAB EMIRATES  
MINISTRY OF INFRASTRUCTURE  
DEVELOPMENT

Al Jazirah Al Hamra is a small fishing village with a big past and potentially even bigger future. It is, in fact, one of the most historically and culturally important places in the Arabian Gulf.

Located in the south of the Emirate of Ras Al Khaimah, next to the beautiful Al Hamra Village residential development, Al Jazirah Al Hamra has a fascinating history.

“Al Jazirah is such an integral part of cultural fabric in Ras Al Khaimah. As it gains prominence from a historical but also a restoration perspective, this unpolished jewel will add another layer of authenticity to our destination ....one of our most treasured icons,” says Raki Philips CEO of RAKTDA.

#### The Challenge:

- The parking lot for visitors needed to be stabilized but with minimum compaction as heavy vibrations would damage the centuries old building structures
- Aesthetics was a high priority with no black asphalt sealing permitted
- The insitu materials were stabilized to a depth of 150mm with SoilTech Mk. III third generation polymer stabilizer from Polyroads, using a pneumatic roller
- The parking area was then sealed with a 10<sup>mm</sup> ClearTech polymer seal, making use of natural insitu materials.



- SoilTech Mk. III binder - Internationally Agrément Certified
- Roads – Structural strength up to 25 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



2019 – during construction



Preparing for seal



Priming the parking area



Natural colour - ClearTech seal