

Detailed Design Larkana Lakhi (G.T) Road including Larkana Ring Road and Larkana City Road for NHA

Rehabilitation of Larkana - Naudero Lakhi Road (61Km) including Larkana Ring Road (4Km) and Larkana City Road (10Km) Client National Highway Authority Cost Length 75 Km

National Highway Authority appointed A.A. Associates as a Consultant for Detailed Design for Rehabilitation of Larkana & Naudero Lakhi (G.T) Road including Larkana Ring Road and Larkana City Road. The surrounding area along the road alignment is all cultivated land. The paved width of existing road (Larkana & Naudero & Lakhi) is approximately 6.0m with earthen shoulders varying from 1.5m to 2.0m. There are six bridges on canals and wahs with numerous drainage culverts along with four railway level crossings. The road is rehabilitate and improves to pavement width 7.3m with 30m shoulders and extension and rehabilitation of existing bridges and cross drainage structures.

The scope of services includes Alignment study for ECW through rural and urban areas, Reconnaissance & Topographic survey, Detailed geometric design, Road Furniture design, Highway Safety Audit Study, Traffic Survey, present and future capacity analysis, Detailed Soil Investigation / Geotechnical Investigation for Structures and road, Pavement Design, Design of structures, intersections and toll plazas, Material survey, Hydrology Study, Detailed report on construction machinery required during construction phase, Environmental Impact Study (EIA), Economic Analysis, Tender Documents and Cost Estimates, Land Acquisition folders and utility and infrastructure folders, Project Definition Plan, Feasibility Study, Preparation of PC-I, Satisfy Pakistan Railway regarding all necessary technical details for issuance of NOC for railway bridges.