

Highway Engineering Design and Survey Services

These services include structural design of elevated highway sections and geotechnical surveys for bridge pier placement. Hydrological analysis and comprehensive road alignment planning are also provided to minimize environmental impact and optimize traffic flow.



Service Overview

Comprehensive Highway Engineering Solutions

This service provides full-cycle highway engineering, from initial geological route selection to detailed structural design. Emphasizing a holistic life-cycle approach, the solution integrates eco-friendly practices with advanced geological disaster prevention measures. Projects are designed to harmonize with the surrounding landscape while maintaining rigorous engineering standards for safety and longevity.

Core Capabilities

Engineering Services

- Geological route selection
- Terrain and line selection
- Subgrade and pavement drainage design
- Geological disaster prevention
- Environmental protection planning

Disaster Mitigation Techniques

Anti-slide piles, Anchoring systems, Load shedding measures, Geological disaster governance

Standards and Achievements

Awards and Recognition

Year	Award Title
2005	Hubei Province Excellent Engineering Design Award
2007	Civil Engineering Award

Project Focus

Design Philosophy

Whole Life Cycle Design • Eco-friendly Integration • Cultural Landscape Preservation