

Viaduct Bridge Project

This project involved the construction of a large viaduct bridge. It showcases modern infrastructure development with reinforced concrete pillars.



Project Overview

Viaduct Infrastructure Development

The project involved the comprehensive construction of a 4.4 km main line expressway, integrating advanced bridge and tunnel engineering. Completed over a 22-month period, the project achieved high standards in structural precision, aesthetic integration, and safety compliance. It successfully met all regional government and transportation department performance targets.

Technical Specifications

Bridge Infrastructure

2592 m

Total Bridge Length

3 seats

Number of Bridges

58.03 m

Small Bridge Length

Tunnel Infrastructure

1782 m

Total Tunnel Length

2 tunnels

Number of Tunnels

Main Line Route Length

4.4 km

Earthworks and Construction

Earth and Rock Excavation/Fill

Task	Volume
Earth and Rock Excavation	1,081,000 cubic meters
Fill Volume	917,000 cubic meters
Culvert/Channel Volume	41,000 cubic meters

Project Timeline

Key Milestones

- Start Date: January 15, 2010
- Main Line Dual-Rate Completion: June 30, 2011
- Final Completion: End of 2011

Construction Duration

22 months

Quality and Standards

Awards and Achievements

Double Hit Double Excellence, First Prize Winner, Industry Standard Compliant