

# 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