

# MILITARY ACADEMY U-TURN BRIDGE AND ACCESS ROAD

## Client

UGCC UNITED GULF CONSTRUCTION  
COMPANY

## Scope of Work

Planning and Geometric Roadway Design  
Detailed Roadway Design  
Detailed Structural Design

## Location

Kuwait

## Types of Activities

Communications & Security Systems  
Electrical  
Roads  
Structural

The project consists of U-turn bridge and access road for the Military Academy with a total length of approximately 72 m, including two simple spans each of 36 m. The bridge is composed of pre-stressed girders spaced approximately at 1.5 m.

The engineering consultancy studies are carried out in close conformity with "Highway Structures Design Manual" and the "AASHTO LRFD". In addition, the load effects detailed in AASHTO LRFD (Latest Edition) are assumed by applying a 100 year design with the associated durability as noted in these standards.

