

# IRAN - Mashhad

## Study of the Magnetic levitation System Mashhad - Tehran



### Client

Government of Khorasan  
Razavi

### Period

since 2006

### Project Cost

not specified

### Abstract

The existing road and railway connections between Mashhad and Tehran do not allow high-speed transportation, due to the existing line management and topographical conditions. Mashhad, being a significant place for pilgrims, is visited by 12 to 15 millions of travellers each year. As a result, establishment of a magnetic high-speed train was taken into account with an average speed of 400 km/h for the 900 km long route between Mashhad and Tehran. Consequently, the travel time could be reduced from approx. 10 to about 2.5 hours in future.

### Scope of Service

study

### Technical Data

Track length	approx. 900 km
Design speed	500 km/h
Dual track, at ground level	approx. 70 %
Track elevated	approx. 25 %
Tunnels	approx. 5 %
Min. radius	5,331 m
Max. slope	10 %