

Transportation Infrastructure

Surveying and Feasibility Study for Antalya 2nd Phase Rail System



Client	Antalya Metropolitan Municipality
Work Period	16.10.2014 - 23.12.2014
Services	<p>Assessment of existing information, deficiency analysis and preparation of Present Condition Analysis Report</p> <p>Collection of new data and preparation of Traffic Countings Assessment Report</p> <p>Estimation of trip volumes on the route and projection of transportation structure and traffic loads by considering target years</p> <p>Conduct corridor analysis, preparation of route alternatives and selection of the appropriate route</p> <p>Preparation of feasibility study including economic and financial assesments</p>

Technical Details

The project consists of 15,4 km long light rail system between the last station of existing rail line named as Meydan and Fair Center EXPO 2016 also including Antalya Airport access of 2,4 km long. The total length of the system is 17,8 km and it includes 15 ground stations each of 75 m long. There are 7 engineering structures on the route as 5 of them are bridges and 2 of them are cut&cover structures.

In scope of estimating trip volumes, 14 hours long (from 07:00 to 21:00) traffic countings have been held on 8 sections and 2 interchanges along the route by considering private traffic and public traffic individually.

