

Transportation Infrastructure

Highway Design between Kastamonu-Daday-Eflani



Client 15th Regional Directorate of Highways

Work Period 25.11.2016 - ongoing

Services provided Highway design
Design of engineering structures
Feasibility and research studies
Traffic design
Preparation of final report

Technical Details 53 km long route between Kastamonu-Daday-Eflani consists of 7 level junctions, 2 muti-level interchanges, 750 sqm bridge, 750 sqm culvert and 2500 sqm retaining wall design. The project covers the following design disciplines:

✍ Highway design: Design of geometrical components and preparation of the report, Hydraulic and hydra-geological surveys, Cross-section drawings, determination of retaining walls, cut-fill and bruckner calculations, Determination of intersections and connection ways, drawings of plan-profile and details, Drainage design and related drawings, Preparation of final report and quantity survey, Submittal of Final Design for the approval of the Client

✍ Engineering Structures: Preparation of preliminary and final design for bridges, flying-overs, underpasses, culverts, etc.

✍ Feasibility and research studies: Geological survey and report, Hydra-geological survey and report, Engineering geology survey and report, Geological-geotechnical research programme and applications, Geological-geotechnical survey and design report, Geotechnical design report, Superstructures survey and design report

✍ Traffic design: Traffic design report and quantity survey, submittal to the Client

✍ Final Report: Preparation of final report and submittal to the Client

