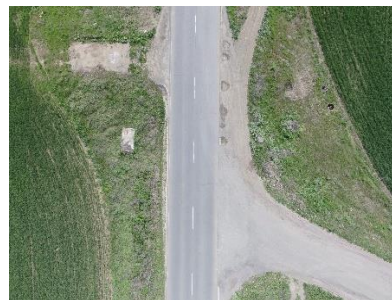


PREPARING OF A TECHNICAL DESIGN FOR REHABILITATION (MAIN REPAIR) FOR ROAD III-9061 „(ORIZARE – KABLESHKOVO) – TANKOVO – SLANCHEV BRYAG“ FROM KM 0+000 TO KM 7+853



The purpose of the project is to restore and improve the transport performance and the load bearing capacity of the pavement, in order to provide conditions for road safety and good drainage of the road.

The technical design concerns major overhaul of an existing river bridge, rehabilitation of an existing bridge over the river, a new traffic organization and the displacement of existing engineering networks within the crossing.

Roads

- The section is located entirely in Burgas District.
- The beginning of the road section is at km 0+000 and starts at the intersection with road III-906 „OPU Varna - Orizare - Kableshkovo – Burgas” at km 43+421.
- The end of the road section is at km 7+853 and ends at the intersection with road I-9 „OPU Varna - Overview - op. Sunny Beach – Bourgas” at km 202+307.
- Road III-9061 has a total length of 7 853 m.
- Road gauge: 10.50 m, consisting of lanes 2x3.75 m and banquetts 2x1.50 m.
- $V_{design} = 60$ km/h.
- The scope of the project covered five road junctions.
- The following drainage facilities are within the scope of the road:
 - Tube drains - 13;
 - Existing channel;
 - Concrete pipe.

Rehabilitation of an existing bridge over the Hadjiiska River at km 3+434

- The bridge is with three spans with length of 3x20,00 m and total length $L = 60,00$ m;
- The superstructure consists of 6 pieces of assembly beams with a rectangular section, ordinal axially through 1,60 m;
- Investigation of bridge construction and detection of defects and damages;
- Preparing a package of measures to ensure safe operation of the bridge;
- Changing the gauge of the bridge according to the new traffic organization.

Rehabilitation of an existing bridge at km 7+500

- The bridge overlaps a drainage channel with a span of 10.00m and a total length of $L = 11.00$ m;
- Consists of 9 pcs. mounting, U-shaped elements with a width of 1.00m;
- Investigation of bridge construction and detection of defects and damages;
- Preparing a package of measures to ensure safe operation of the bridge;
- Changing the gauge of the bridge according to the new traffic organization.

Complete geodesy and geological measurements have been prepared for the project, as well as projects for environmental protection and safe working conditions during construction.

EKJ Bulgaria's services:

During design:

EKJ Bulgaria is a contractor in the preparation of project development of the phase "Technical design" of:

- Rehabilitation of road sections on road III – 9061 from km 0+000 to km 7+853
- Preparation of a project for a rehabilitation of bridge over the Hadjiiska River at km 3+434
- Preparation of a project for a rehabilitation of bridge at km 7+500

Client: Road Infrastructure Agency

Contractor: EKJ Bulgaria

Period: 2018 – 2019

Contract type: Design

Design phase: Technical design

