

Relocation of pipeline section km 232 - km 285 out of emergency area.

Pre-design proposals on options of the line relocation, engineering survey, design with division of construction works into two phases, Detail Design for each construction phase, Construction supervision.

Customer:

"Main oil pipelines "Druzhba" Subdivision of JSC "Ukrtransnafta" (Ukraine)



Year of execution: 2003

Project Objective: relocation of km 232 - km 285 section of the pipeline due to the activation of landslide processes in the route area

Basic engineering solutions:

- Application of shop-insulated longitudinal welded pipes

- Insulation of welded joints with heat-shrinking couplings.
- Active protection against earth corrosion by cathodic protection stations
- Installation of gate valves with intellectual electric drives connected to automated control system of oil pumping process.
- Construction of fiberoptical communication line.
- Construction of antierosion, fire-prevention facilities and oil detention structures on Latoritsa river.

Basic technical data:

Length of relocated pipeline section		58,4 km
Diameter:		
I line	-	530 mm
II line	-	720 mm