



Feasibility study, Route location, Engineering survey, Basic Design, Detail Design.

Customer:

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

Year of execution: 2002 - 2003

Project Objective: supply of Russian export oil mix and Azerbaijan oil from existing Brody-State Border oil pipeline in "import" mode and oil from Dolinskay oil and gas field (Ivano-Frankovsk region) to JSC "Neftekhimik Prikarpatya" oil refinery (Nadvornaya, Ivano-Frankovsk region, Ukraine).

Basic engineering solutions:

First stage

- construction of new section from existing OPS "Dolina" to JSC "Neftekhimik Prikarpatya" oil refinery;
- exploitation of existing Zhulin - Drogobych oil pipeline section;

- exploitation of existing Dolina - Drogobych oil pipeline section;

Second stage

- construction of new section parallel to existing Dolina - Drogobych oil pipeline.

The project provides reconstruction of OPS "Dolina", including installation of commercial oil metering unit, and construction of "Nadvornaya" terminal.

During the construction automatic welding technology CRC-EVANS is used (first in Ukraine).

Basic technical data:

Total length, including-	110 km
new section OPS "Dolina" – "Nadvornaya" refinery	78 km
operating pipeline section- Zhulin - Drogobych	7 km
operating pipeline section- Dolina - Drogobych	25 km
Diameter:	
new section OPS "Dolina" – "Nadvornaya" refinery	530 mm
operating pipeline section- Zhulin - Drogobych	530 mm
operating pipeline section- Dolina - Drogobych	273 mm
Oil PS	2
Throughput	2,23 million tons/year
Prospective shipments to OPS "Nadvornaya"	4,3 million tons/year