



TACIS Regional 2000 TRACECA programme

# **Rehabilitation of Caucasian Highways Azerbaijan**

## **Section 2 Supervision of Works Ganja to Gasakh Highway**

*Monthly Report*

*April 2003*



This project is funded by  
The European Union



A project implemented by  
Louis Berger SA Paris France

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## 1 Report Cover Page Azerbaijan

Project Title	Rehabilitation of Caucasian Highways Azerbaijan Georgia and Armenia Component 2 Ganja to Gasakh Highway Contracts	
Project Number	EUROPEAID/113179/C/SV/MULTI	
	Local Recipient	EC Service Contractor
Beneficiary	State Company Azeravtoyol	Louis Berger SA
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Date of Report                      1<sup>st</sup> May                      2003.

Reporting Period                      April 2003

Author of Report                      S I Dotchev Service Project Managers Representative

EC Service Contractor's	.....	.....
EC Delegation	.....	.....
TACIS Bureau (Task Manager)	.....	.....
	<i>Name</i>	<i>Signature</i>
		<i>Date</i>

## 2.0 Project Synopsis

Contract No EUOPEAID/113179/C/SV/MULTI

Project Title	Component 2 of Rehabilitation of Caucasian Highways Ganja to Gazakh
Project Number	EUROPEAID/113179/C/SV/MULTI
Country	Azerbaijan

Project Objectives	<ul style="list-style-type: none"> <li>• The wider objectives are to support the Republic to catch up with their serious backlogs in road maintenance, and to cope with growing Local, and International Transport.</li> <li>• The objectives of the project are to improve and provide a better level of service for the travelling public on route corridors,</li> <li>• To reduce costs in road transportation,</li> <li>• To arrest deterioration of pavements (<i>road surfaces</i>) by timely intervention,</li> <li>• To reduce costs for road rehabilitation and maintenance.</li> </ul> <ul style="list-style-type: none"> <li>• The specific objective of this component of the Project is the supervision of the Works Contracts between Ganja and Gazakh. This forms part of the ancient "Silk Road"</li> <li>• To ensure that the new road rehabilitation and reconstruction is completed to the internationally specified standards and to be completed within the budget and time available.</li> </ul> <p>Additionally, the objective is to strengthen the national road construction and maintenance capabilities through transfer of technology.</p>
Specific Details	<p>These consist of six Contracts consisting of</p> <ul style="list-style-type: none"> <li>• The construction of the bridges at Shamkir Chay and Gasan Su Chay Contract EUROPEAID/112944/CW/AZ</li> <li>• Lot 1 Ganja to Shamkir highway Contract CW 2002-1</li> <li>• Lots 2 to 5 Shamkir to Gazakh now known as Contract CW 2003-1, CW 2003-2, CW 2003-3, CW 2003-4, CW 2003-5</li> </ul>
Planned Outputs	Good Roads completed to best standards and at the budget price.



### 3.0 Monthly Report Contract

#### 3.1 Construction of Gasan Su Chay and Shamkir Bridges

The scope of this project is the construction of two bridges – Gasan Su Chay and Shemkir Chay on the Ganja to Gazakh road.

At each bridge site, there is the remains of a project that was aborted. The existing Shemkir Chay Bridge (chainage 382+690) is a structure of 3 spans – bridge length 67.88 m – bridge width 8.5 m. The aborted bridge structure is located to the North and downstream of the existing bridge. The new bridge over Shemkir Chay River will be located upstream on the proposed second carriageway of the road. The design bridge is 3 spans, Reinforced Concrete Bridge, with 11.50 m carriageway with and 1.00 m. width walkways. Span scheme of the designed bridge is 3 x 22.2 meters.

The existing Gasan Su Chay Bridge (chainage 447+650) is a structure of total length 37.94 m. and the width of the old bridge is 8.5 m. The aborted bridge structure is downstream and partially will be utilized into the construction of the bridge. The design bridge over Gasan Su Chay will be located downstream on the proposed second carriageway of the road. The designed bridge is a 3 span, Reinforced Concrete Bridge, with carriageway width equal to 11.5 meters and 1.00-meter width walkways. Span scheme of the designed bridge is 12 + 18 + 12 meter.

**Funding Agent  
Employer**

European Commission  
The Contracting authority is the– The  
TACIS Inter-State programme in  
conjunction with the TRACECA  
Azeravtoyol State Road Concern  
72/4 Uzeyir Hajibeyov Street  
370010 Baku  
Vice President

**Beneficiary and Employer for  
technical matters**

Mr. Nizami Garaisayev  
**EUROPEAID EC Brussels**

Mr. E Dalamangas

Project Manager

**Service Supervision Contractor**

G C Tremlett  
S I Dotchev

Project Manager  
Project Manager's Representative

**Contractor**  
S Shirinov

Azerkorpu Joint Venture  
Site Agent

### 3.2.1 Project Data

<b>Works Contract Euroaid/112944/CW/AZ</b>	
Works Tender Opened	
Contract Awarded	27 <sup>th</sup> December 2002
Contract Agreement Signed	27 <sup>th</sup> December 2002
Tender Amount	€1,424,017.80
Contract Amount	€1,424,017.80
Contract Start Date	10 <sup>th</sup> March 2003
Contract Completion Date	4 <sup>th</sup> November 2003
Works Programme received	
Planned Works to date	Mobilisation 50%
Works complete to date	Mobilisation 50%
Value of Works to date	€0.00
Variations revised bridge design at Contractors cost	Nil
Advance Payment Received	Nil
Repayments made	0%
Delays	Nil
Claims	Nil
Time elapsed to date	49 days
Time remaining	189 days

### 3.3 Progress Report

#### 3.3.1 Status of the Contract

Since start (March 10, 2003) the Contractor have been working 49 days or 20.5 % of the Contractual time and to date are remaining 189 days or 79.5% of the Contractual time to the Completion date (November 4, 2003)

#### 3.3.2 Consultant's staff mobilization and accommodation

##### a) Consultant's staff

The Consulting supervisory team at present consists as follows:

Project Manager's Representative  
Office Assistant Manager

S I Dotchev  
M V Shukurova

The local Consultant staff - Bridge Engineer and the Surveyor has been interviewed and their CV documents have been forwarded to EU Head quarters for approval. As soon as they have been approved they shall start work. The work progress will be monitored closely and if required further staff will be employed.



## **b) Consultant's accommodation**

The Contractor stated that the negotiations with the Owner for renting house in Ganja did not produce results and thereafter they are looking for other opportunity. The RE stated that the Contractor is behind his Contractual obligation on this matter and they must rent suitable accommodations as soon as possible.

## **c) Consultant's office equipment and vehicles**

### **• Office**

The site office (container) is on place on site but not connected to electricity and equipped for work yet. The Contractor has received the list of equipment and stationary required. The Contractor did not make the office fully operational by middle of April. They have been instructed to speed up and make the office operational as soon as possible.

### **• Vehicles**

The Consultants have requested their vehicle Feb 25, 2003 but do not have received them yet. They have been instructed to supply with vehicles as soon as possible.

## **3.3.3 Contractor's Mobilization and staff**

### **a Contractor's staff**

The Contractor establishment on site started 10<sup>th</sup> March 2003. This commenced with the renting of staff accommodation in proximity to the Shemkir Chay Bridge Project. The Contractor has been strongly advice to submit a list of staff working on site as such information has not been provided during the Monthly Progress Meeting April 28, 2003.

### **b Contractor's machinery and equipment**

The Contractor employs at present a Dozer, Crane and a Truck. They have been advised strongly to submit a list of machinery and equipment working on site as such information has not been provided during the Monthly Progress Meeting.

### **c Contractor's concrete yard**

The preliminary earth works for levelling the manufacturing yard has been started. The Contractor has been requested to submit the sketch plan of the yard for preliminary approval. The works on the yard are not complete yet.

### **d Laboratory**

The Contractor confirms the intention to hire existing laboratory in proximity with in the Shemkir Chay Bridge Project. The Contractor has been asked on March 3, 2003 to submit the full list of equipment used by this laboratory. To date that list has not been received. They have been instructed to provide the list as soon as possible.

#### **e. Offices**

The Contractor office (container) is on site, but is not connected to electricity or equipped. They have been instructed to complete the furnishing and make the office functional.

### **3.4 PROGRAMME OF WORKS**

Programme of Works has been requested on 3<sup>rd</sup> March 2003, but the Contractor did not submit it yet. The Contractor is still busy with redesigning part of the Works drawings and the work is not completed. As soon as the redesign is completed they should submit the Works Programme. That is expected to be by Middle of May 2003

### **3.5 PROGRESS OF THE WORKS TO DATE**

#### **3.5.1 Cleaning and Demolishing works on aborted existing Bridge structures**

The Contractor completed the demolishing Works on existing aborted structures at Shemkir Chay Bridge and Gasan Chay Bridge

#### **3.5.2 Earthworks for bridge construction**

The earth works have been started at Shemkir Chay Bridge on site foundations at the beginning of April and consequently abandoned due to recent spring snow melting. The waters are strong and turbulent. However the Contractor has been advised to work on the Approach Roads, since they suspended the Bridge earthworks on there own.

#### **3.5.3 Bed and slope protection**

Works not start yet

#### **3.5.4 Pier construction**

The Contractor has started prefabricating some of the piers at the Concrete yard in Baku with out notifying us. They have been instructed that the structures produced have been rejected and will not be paid under this Contract unless otherwise they proof the quality. Further they have been advised that they might proceed with production further, as soon as they submit and received approval of the Concrete Job Mix, long outstanding and requested since March 11, 2003

#### **3.5.5 Abutment construction**

Works not started yet

#### **3.5.6 Span and deck slab construction**

Works not started yet



### **3.5.7 Sealing**

Works not start yet

### **3.5.8 Bridge bearings**

Works not start yet

### **3.5.9 Miscellaneous**

Works not started yet

### **3.5.10 Works on approach roads**

The Works on approach roads have not been started yet. However the Contractor have been advised to start due to disruption on Bridge earthworks and expectable delay to the Project as a result of stormy and turbulent waters produced during the spring snow melting.

### **3.5.11 Contract progress status summary**

Works done to date represent a 5% of the Project value as per the Bill of Quantities. The Contractor did not submit the Programme of Works yet, thereafter at present evaluation of the Project can be done only on the value of the Works done.

## **3.6. VARIATIONS**

No variation orders have been given to date

## **3.7. FINANCIAL**

### **3.7.1. Interim payment certificates**

The Contractor indicated during the Minutes of meeting held on April 28, 2003 that they will submit first Interim Payment Certificate for works done. However no Certificate has been submitted to date.

### **3.7.2. Cash Flow**

Cash flow projection has not been submitted yet.

## 4.0 Monthly Report Contract CW 2002-1 Ganja-Shamkir Section

### 4.1 General Organisation

This section of the Project covers the supervision of the Rehabilitation and Upgrading of the Ganja-Shamkir section of the Azerbaijan Highway Project Contract CW 2002-1. The project is organised in the standard International format using the General Conditions of Contract as issued by the World Bank for projects under \$10,000,000. The works were designed in coordination with Azeravtoyol by a consortium composed of Kocks Consult GMBH (Germany) BCEOM (France) and Finroad Ltd (Finland). The supervision of the Works Contract forms part of the Rehabilitation of Caucasian Highways Azerbaijan Georgia and Armenia Contract Number EUROPEAID/113179/C/SV/MULTI and is carried out by Louis Berger SA of Paris France. The project is funded by means of a credit from the International Development Association (IDA), or the World Bank. A Project Implementation Unit attached to Azeravtoyol controls the project on behalf of the Employer. A list of the Key Personal is presented below.

<b>Funding Agent</b>	International Development Association
<b>Employer</b>	Azeravtoyol State Road Concern 72/4 Uzeyir Hajibeyov Street 370010 Baku
Mr. Nizami Garaisayev	Vice President
<b>Project Implementation Unit</b>	72/4 Uzeyir Hajibeyov Street 370010 Baku
Mr A Gojayev	Director
<b>EUROPEAID EC Brussels</b>	
Mr. E Dalamangas	Project Manager
<b>Service Supervision Contractor</b>	
Louis Berger SA	Murcure III 55Bis Quai de Grenelle Paris 75015
G C Tremlett	Project Manager
S I Dotchev	Project Manager's Representative
<b>Contractor</b>	Turan Hazinedaroglu Joint Venture
Z T Aksut	Site Agent



## 4.2 Project Data

Works Contract CW 2002-1	
Works Tender Opened	14 <sup>th</sup> May 2002
Contract Awarded Article 33.2	30 <sup>th</sup> December 2002 by IDA
Letter of Acceptance Issued 33.1	24 <sup>th</sup> March 2003
Contract Agreement Signed Article 33.3	April 9, 2003
Tender Amount	28,749,462,180.50 AZM
Contract Amount Article 15.3	29,903,403,179.00 AZM
Contract Start Date	21 <sup>st</sup> April 2003
Contract Completion Date	21 <sup>st</sup> July 2004
Works Programme received	18 <sup>th</sup> April 2003
Planned Works to date	Nil
Works completed to date	Nil
Value of Works to date	Nil
Variations	Nil
Advance Payment Received	Nil
Repayments made	0%
Delays	Nil
Claims	Nil
Time elapsed to date	10
Time remaining to date	448

## 4.3. PROGRESS REPORT

### 4.3.1 Status of the Contract

Since start (April 21, 2003) the Contractor have been working 10 days or 2.18% of the Contractual time and to date are remaining 448 days or 97.82% of the Contractual time to the Completion date (July 21, 2004)

### 4.3.2. Consultant's staff mobilization and accommodations

#### a) Consultant's staff

The Project Manager's Representative has been mobilized but the remaining site staff will be mobilized after the proposed staff has been approved by the Azeravtoyol and then the CV's must be submitted to Brussels for formal approval in accordance with the terms of the Service Contract.

#### b) Consultant's accommodation

The Contractor has been negotiating with local authority a site where the Consultant's accommodations shall be build at the end of the Project site. The site have been shown and accepted by the Project Manager's Representative.



### **c) Consultant's office accommodation and vehicles**

- **Offices**

The Contractor shall build office accommodation at the same site where the houses are provided.

- **Vehicles**

The Contractor did ordered the required by the Contract vehicles.

### **4.3.3. Contractor's Mobilisation and staff**

#### **a) Contractor's staff**

The Contractor starts mobilising his site Management Personnel. They have already mobilized the Site agent, Administrative Manager, Concrete Forman and 15 labours.

#### **b) Contractor's machinery and equipment**

The Contractor starts with mobilization of machinery and equipment.

#### **c) Contractor's crusher and concrete plants**

The Contractor has been chosen the site for Crusher and Concrete Plant in close proximity of their staff quarters, maintenance workshop and laboratory.

#### **d) Contractor's offices**

The Contractor will build his offices at the same site along with the Consultant's offices and house accommodations

#### **e) Contractor's lab**

The Contractor started renovation works on the building which will accommodated the site laboratory

### **4.4. PROGRAMME OF WORKS**

The Contractor has submit his programme of Works on April 30, 2003

### **4.5. PROGRESS OF WORKS TO DATE**

The Contractor started the renovation of buildings where they will host the site laboratory facilities and their staff quarters

#### **4.6. Variations**

No variation orders have been given to date

#### **4.7. Financial**

##### **4.7.1. Interim Payment Certificates**

No Payment certificate has been received

##### **4.7.2. Cash flow projection**

The Contractor submit his Cash flow Projection on April 30, 2003

#### **5.0 Works Contracts CW 2002-2 now referred to as CW 2003-1 to CW2003-5 Shamkir-Gazakh Section**

Tenders not invited to date.

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